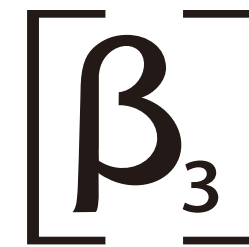


**Beta Three**<sup>®</sup>  
Professional Audio System  
Catalogue



**Beta Three**® professional audio products are specifically designed and engineered to meet the vast array of sound reinforcement applications that exist.

**Beta Three**® professional audio products have been developed collaboratively with Elder Audio and several European and American professional audio companies. AES and IEC standards are adhered to in the design and manufacture of all products.

**Beta Three**® professional audio products encompass a broad range of products so as to be able to meet the sound reinforcement requirements from a small space right up to a very large sized venue including schools, conference rooms, multifunction halls, gymnasiums, entertainment centres, theatre facilities, digital cinema venues, exhibition centres, and sporting stadiums.

**Beta Three**® professional audio products can be found in many premium installations around the world.

**Beta Three**® professional audio products are continually striving to improve their range. Elder Audio continues to make investment in Beta Three® research and development to ensure that they are on the cutting edge of all technologies.



Beta Three® Introduction	1
Speakers	
Thunder Series - Multi- Purpose Plastic Speaker	4
N Series - Plastic Cabinet Speaker	13
S Series - High SPL Plastic Speaker	25
QS Series - Versatile Plastic Speaker	34
BS Series - Commerial Speaker	38
db Series - High SPL System	41
Portable PA System - Portable Pro Speaker System	44
TW Series - Multi- Purpose Wooden Speaker	52
ΣS Series - Multi-Functional Wooden Speaker	69
ΣH Series - Professional Performance Speaker	84
TH Series - Theater Speaker	87
Column Series - Compact Full Range Column Speaker	94
Line Array Series - Line Array System	107
Pro Amplifiers	
UA Series	127
Q Series	135
Electronics	139

## Remarks:

1. Frequency response is measured in an anechoic chamber - 1w@ 1m
2. Sensitivity represents the averaged value of the acoustic output as measured on the forward Central axis of the cone at a distance of 1m, when connected to 1w pink noise - measured in An anechoic chamber.
3. Max. Spl (1w@ 1m) is measured in an anechoic chamber with short term pink noise signal.
4. Power rating is measured with the iec#268-5 compliance standard, using a full range pink Noise test signal applied continuously for 100 hours without any over heated or physical Damage.

T10	5	TW8	53	MU401	101
T10a	6	TW8a	54	MU401a	102
T12	7	TW10	55	MU404	103
T12a	8	TW10a	56	MU404a	104
T15	9	TW12	57	MU408	105
T15a	10	TW12a	58	MU408a	106
T212B	11	TW15	59		
T212Ba	12	TW15a	60	TLA-101	108
		TW215	61	TLB-101	109
N8	14	TW215a	62	TLA-101F	110
N8a	15	TW212M	63	TLB-101F	111
N10	16	TW212Ma	64	TLA-121	112
N10a	17	TW118B	65	TLB-121	113
N12	18	TW118Ba	66	TLA-121F	114
N12a	19	TW218B	67	TLB-121F	115
N12a/mp3	20	TW218Ba	68	TLB-218F	116
N15	21			TLA21S	117
N15a	22	ΣS206/50	70	SLA10H	118
N15a/mp3	23	ΣS306/50	71	SLA212B	119
N15Ba	24	ΣS208/50	72	SLA10Ha	120
		ΣS210/105	73	SLA212Ba	121
S400	26	ΣS212/85	74	VR10	122
S400a	27	ΣS212a/85	75		
S800N	28	ΣS215/500	76	R4/R8+	123
S800Na	29	ΣS215/85	77	R5/R15+	124
S1200N	30	ΣS215a	78	R6/R12	125
S1200Na	31	ΣS2153	79	R6/R12a	126
S1200H	32	ΣB115D	80		
S1200B	33	ΣB115a	81	UA660	128
		ΣB118D	82	UA1330	129
QS400	35	ΣB118a	83	UA2000	130
QS600	36			UA2500	131
QS1000	37	ΣH215	85	UA662	132
		ΣH118B	86	UA1332	133
BS2002	39			UA2002	134
Bs4002	40	TH115L	88		
		TH118L	89	Q3i	136
db1100-mp3	42	TH218L	90	Q5i	137
db6100	43	TH215/96	91	Q7i	138
		TH306H/64/94	92		
Meline S1	45	TH315/64/94	93	ΣC2600U	140
Meline S2-III	46			ΣC4800	141
S12	47	T106	95	ΣC8800	142
S15	48	T108	96	ΣC2402	143
S28	49	T205	97	EQ2231	144
RS6012I	50	T4.4	98	PX128B	145
RS6015I	51	T4.6	99	C223+	146
		T4.8	100	DS1800	147

# T SERIES

## Multi- Purpose Plastic Speaker

The Beta Three® T Series speakers have been designed and engineered to be used in multi-purpose professional sound reinforcement applications either indoors or outdoors and offer high output with a smooth frequency response.

- T10  
T10a  
T12  
T12a  
T15  
T15a  
T212B  
T212Ba

## Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

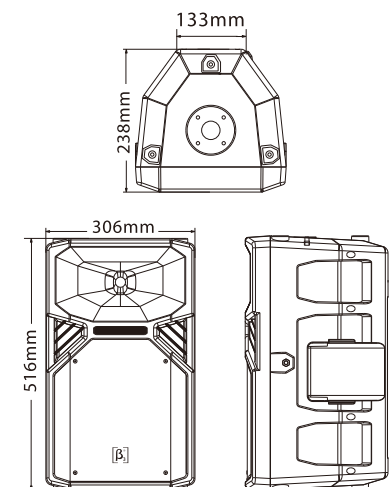
## Key Features and Benefits:

- Compact and light weight design, unique appearance
- Heavy duty protective grill
- 35mm pole adaptor system allow vertical application or dispersion 5 degree downward
- Integrated Monitor free feet allow the easy stage monitor application
- M8 rigging points(available for full range models) are very convenient for different installation



## System Specifications:

Construction	Plastic
Transducers	1 x 1.3" HF + 1 x 10" LF
Frequency Response (-3dB)	50Hz-19kHz
Rated Power	300W (RMS)
Sensitivity (1W @ 1m)	90dB
Maximum SPL	119dB/125dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V)	90° x 60°
Connector	2 x NL4
Dimensions (W x D x H)	306mm x 238mm x 516mm
Packaging Dimensions (1 piece/pack)	355mm x 355mm x 602mm
Net Weight (1 piece/pack)	13.2kg
Gross Weight (1 piece/pack)	14.7kg



Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

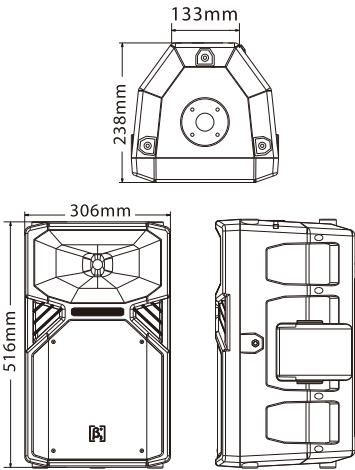
Key Features and Benefits:

- Light weight portable powered speakers
- 550 watt continuous Class D power modules
- Extensive DSP enhances system performance
- Rugged ABS enclosures
- Heavy duty protective grill
- 35mm pole adaptor system allow vertical application or dispersion 5 degree downward
- Integrated Monitor feet allow the easy stage monitor application
- M8 rigging points are convenient for different installation



System Specifications:

Construction	Plastic
Transducers	1 x 1.3" HF + 1 x 10" LF
Frequency Response (-3dB)	55Hz-20kHz
Amplifier Power	550W (RMS)
Amplifier Type	Class D
Maximum SPL	118dB /124dB (Peak)
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	8Ω
Dispersion (H x V )	90° x 60°
Connector	Input:2xCombo(one with Mic/Line switch),Output:3 x XLR
Power Supply	AC220V-240V~,50/60Hz(or AC110V-120V~,50-60Hz)
Dimensions (W x D x H)	306mm x 238mm x 516mm
Packaging Dimensions (1 piece/pack)	345mm x 355mm x 602mm
Net Weight (1 piece/pack)	13.8kg
Gross Weight (1 piece/pack)	15.3kg



Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

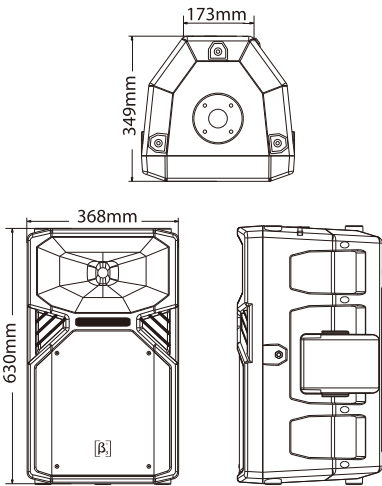
Key Features and Benefits:

- Compact and light weight design, unique appearance
- Heavy duty protective grill
- 35mm pole adaptor system allow vertical application or dispersion 5 degree downward
- Integrated Monitor free feet allow the easy stage monitor application
- M8 rigging points are very convenient for installation



System Specifications:

Construction	Plastic
Transducers	1 x 1.7" HF + 1 x 12" LF
Frequency Response (-3dB)	50Hz-19kHz
Rated Power	400W (RMS)
Sensitivity (1W @ 1m)	95dB
Maximum SPL	120dB /126dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V )	90° x 60°
Connector	2 x NL4
Dimensions (W x D x H)	368mm x 349mm x 630mm
Packaging Dimensions (1 piece/pack)	420mm x 410mm x 720mm
Net Weight (1 piece/pack)	20.0kg
Gross Weight (1 piece/pack)	22.0kg





# T12a

### Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

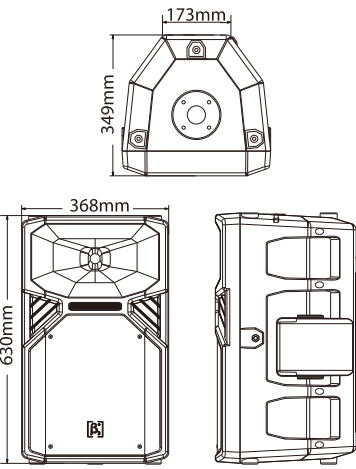
### Key Features and Benefits:

- Light weight portable powered speakers
- 1100 watt continuous Class D power modules
- Extensive DSP enhances system performance
- Rugged ABS enclosures
- Heavy duty protective grill
- 35mm pole adaptor system allow vertical application or dispersion 5 degree downward
- Integrated Monitor feet allow the easy stage monitor application
- M8 rigging points are convenient for different installation



### System Specifications:

Construction	Plastic
Transducers	1 x 1.7" HF + 1 x 12" LF
Frequency Response (-3dB)	50Hz-20kHz
Amplifier Power	1100W (RMS)
Amplifier Type	HF Class AB, LF Class D
Maximum SPL	124dB /130dB (Peak)
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	8Ω
Dispersion (H x V)	90° x 60°
Connector	Input:2xCombo(one with Mic/Line switch),Output:3 x XLR
Power Supply	AC220V-240V~,50/60Hz(or AC110V-120V~,50-60Hz)
Dimensions (W x D x H)	368mm x 349mm x 630mm
Packaging Dimensions (1 piece/pack)	420mm x 410mm x 720mm
Net Weight (1 piece/pack)	21.5kg
Gross Weight (1 piece/pack)	23.5kg



# T15

### Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

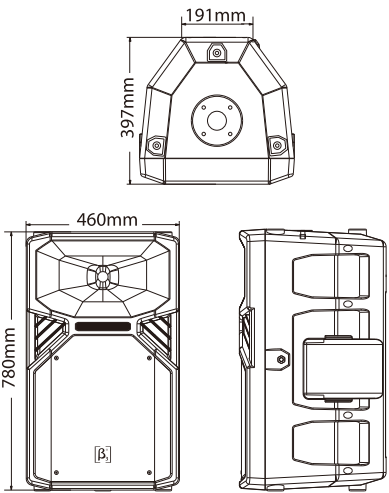
### Key Features and Benefits:

- Compact and light weight design, unique appearance
- Heavy duty protective grill
- 35mm pole adaptor system allow vertical application or dispersion 5 degree downward
- Integrated Monitor free feet allow the easy stage monitor application
- M8 rigging points are very convenient for installation



### System Specifications:

Construction	Plastic
Transducers	1 x 1.7" HF + 1 x 15" LF
Frequency Response (-3dB)	45Hz-17kHz
Rated Power	500W (RMS)
Sensitivity (1W @ 1m)	96dB
Maximum SPL	122dB /128dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V)	90° x 60°
Connector	2 x NL4
Dimensions (W x D x H)	460mm x 397mm x 780mm
Packaging Dimensions (1 piece/pack)	528mm x 480mm x 865mm
Net Weight (1 piece/pack)	27kg
Gross Weight (1 piece/pack)	30.3kg





Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

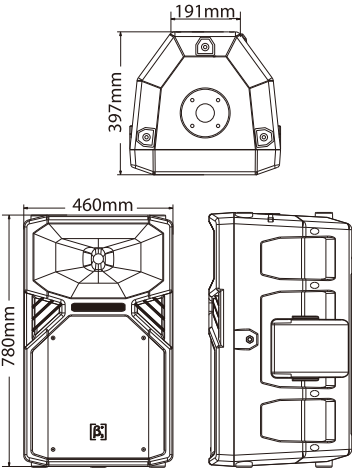
Key Features and Benefits:

- Light weight portable powered speakers
- 1100 watt continuous Class D power modules
- Extensive DSP enhances system performance
- Rugged ABS enclosures
- Heavy duty protective grill
- 35mm pole adaptor system allow vertical application or dispersion 5 degree downward
- Integrated Monitor feet allow the easy stage monitor application
- M8 rigging points are convenient for different installation



System Specifications:

Construction	Plastic
Transducers	1 x 1.7" HF + 1 x 15" LF
Frequency Response (-3dB)	45Hz-17kHz
Amplifier Power	1100W (RMS)
Amplifier Type	HF Class AB, LF Class D
Maximum SPL	127dB /133dB (Peak)
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	8Ω
Dispersion (H x V)	90° x 60°
Connector	Input:2xCombo(one with Mic/Line switch),Output:3 x XLR
Power Supply	AC220V-240V~,50/60Hz(or AC110V-120V~,50-60Hz)
Dimensions (W x D x H)	460mm x 397mm x 780mm
Packaging Dimensions (1 piece/pack)	528mm x 480mm x 865mm
Net Weight (1 piece/pack)	28.7kg
Gross Weight (1 piece/pack)	32.0kg



Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

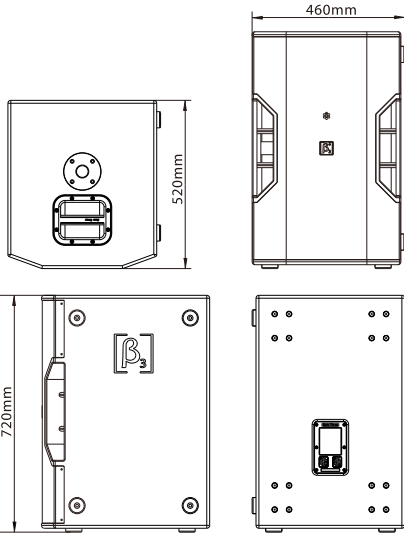
Key Features and Benefits:

- Light weight passive bass speaker
- Heavy duty protective grill
- High intensity design wooden cabinet
- 35mm pole mount on top and side
- M8 rigging points are convenient for installation
- Suitable for use with any full range or mid/high speaker cabinets for extended
- low frequency, high quality music reproduction



System Specifications:

Construction	Birch plywood
Transducers	2 x 12" HF
Frequency Response (-3dB)	40Hz-2.2kHz
Rated Power	800W (RMS)
Sensitivity (1W @ 1m)	96dB
Maximum SPL	126dB /132dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V)	90° x 60°
Connector	2 x NL4
Dimensions (W x D x H)	460mm x 520mm x 720mm
Packaging Dimensions (1 piece/pack)	580mm x 630mm x 830mm
Net Weight (1 piece/pack)	39.0kg
Gross Weight (1 piece/pack)	42.0kg



Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

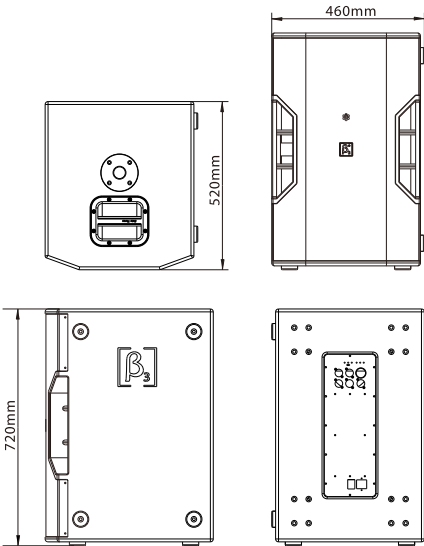
Key Features and Benefits:

- Light weight portable powered speakers
- 2000 watt continuous Class D power modules
- Extensive DSP enhances system performance
- Heavy duty protective grill
- High intensity design wooden cabinet
- 35mm pole mount on top and side
- M8 rigging points are convenient for installation
- Suitable for use with any full range or mid/high speaker cabinets for extended low frequency, high quality music reproduction



System Specifications:

Construction	Birch plywood
Transducers	2x 12" LF
Frequency Response (-3dB)	40Hz-150Hz
Amplifier Power	2000W (RMS)
Amplifier Type	Class D
Maximum SPL	129dB /135dB (Peak)
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	4Ω
Connector	2xCombo input, 2 x XLR output
Power Supply	AC220V-240V~,50/60Hz(or AC110V-120V~,50-60Hz)
Dimensions (W x D x H)	460mm x 520mm x 720mm
Packaging Dimensions (1 piece/pack)	580mm x 630mm x 850mm
Net Weight (1 piece/pack)	42.0kg
Gross Weight (1 piece/pack)	45.0kg



N SERIES

Plastic Cabinet Speakers

The Beta Three® N Series speakers have been designed and engineered to be used in multi-purpose professional sound reinforcement applications either indoors or outdoors and offer high output with a smooth frequency response.

- N8
- N8a
- N10
- N10a
- N12
- N12a
- N12a/MP3
- N15
- N15a
- N15a/MP3
- N15Ba

Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc.

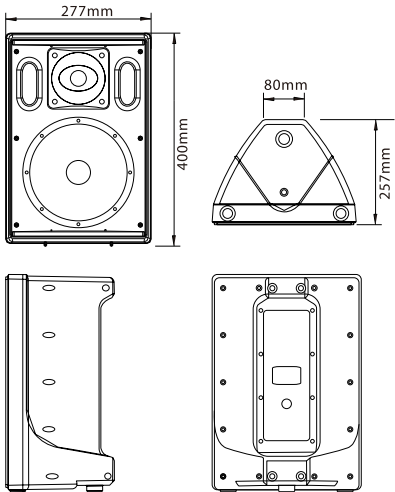
Key Features and Benefits:

- High output SPL and sensitivity
- Heavy duty protective grill
- Injection molded
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- Combined with any high power N Series sub speakers for extended low frequency
- High quality music reproduction
- Monitor kit - optional
- Weatherproof version available



System specification:

System	Built-in Crossover Two Way Full Range Speaker
Driver Quantity	1×8" LF, 1×34mm HF
Frequency Response (-3dB)	75Hz-18KHz
Frequency Response (-10dB)	60Hz-20KHz
Sensitivity(dB/1M/1W)	92dB
Impedance	8Ω
Rated Power(RMS)	100 W
Max SPL	115dB/121dB(Peak)
Tweeter Dispersion(H×V)	90°×60°
Harmonic Distortion	≤3%
Connectors	1×NL4
Dimensions(W×D×H)	277×257×400mm
Packaging Dimensions (W×D×H /pair)	595×310×475mm
Net Weight	6.5Kg
Gross Weight(Pair/Pack)	15Kg



Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The N Active Series delivers extraordinary performance at unmatched value.

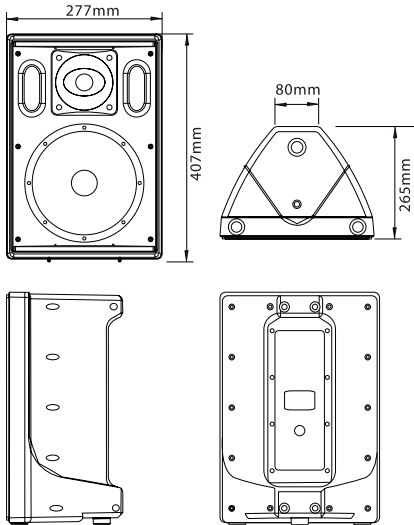
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in Bi-amp power amplifier module
- Master volume control
- Bass and Treble control
- XLR input and output connectors
- Heavy duty protective grill
- Injection molded
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- Arrays with all active high power N Series sub speakers for extended low frequency, high quality music reproduction
- Monitor kit - optional



System specification:

System	Built-in Crossover Two Way Full Range Speaker
Driver Quantity	1×8" LF, 1×34mm HF
Frequency Response (-3dB)	75Hz-18KHz
Frequency Response (-10dB)	60Hz-20KHz
Max SPL	112dB/128dB(Peak)
Level Adjust Range	±10dB(100Hz) -Bass ±10dB(10KHz) -Treb
Amplifier Power	150W
Tweeter Dispersion(H x V)	90° x 60°
Load Impedance	8Ω
Input Impedance	Line- 20kΩ, Microphone- 10kΩ
Connectors	1 x XLR input, 1 x XLR output
Power Supply	AC 220V-240V~, 50/60Hz (or AC 110V-120V~, 50-60Hz)
Dimensions(W x D x H)	277 x 265 x 407mm
Packaging Dimensions (W x D x H /pair)	595 x 310 x 475mm
Net Weight	8.6Kg
Gross Weight(Pair/Pack)	18.6Kg



Product Description:

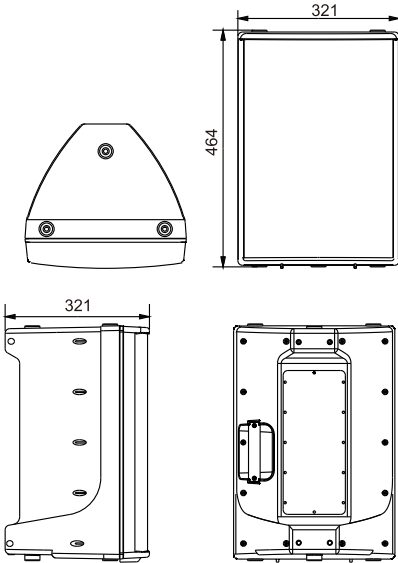
Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc.

Key Features and Benefits:

- High output SPL and sensitivity
- Heavy duty protective grill
- Injection molded
- 2 x NL4 connector
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- High quality music reproduction
- Monitor kit - optional
- Weatherproof version available

System specification:

System	Built-in Crossover Two Way Full Range Speaker
Driver Quantity	1×10" LF, 1×34mm HF
Frequency Response (-3dB)	65Hz-18KHz
Frequency Response (-10dB)	55Hz-20KHz
Sensitivity(dB/1M/1W)	95dB
Impedance	8Ω
Rated Power(RMS)	250 W
Max SPL	117dB
Dispersion (H x V)	90°×60°
Harmonic Distortion	≤1%
Connectors	2×NL4
Dimensions(W x D x H)	321mm×321mm×464mm
Packaging Dimensions (W x D x H / pcs)	375mm×355mm×535mm
Net Weight	10Kg
Gross Weight(1Pcs/Pack)	12.0Kg



Product Description:

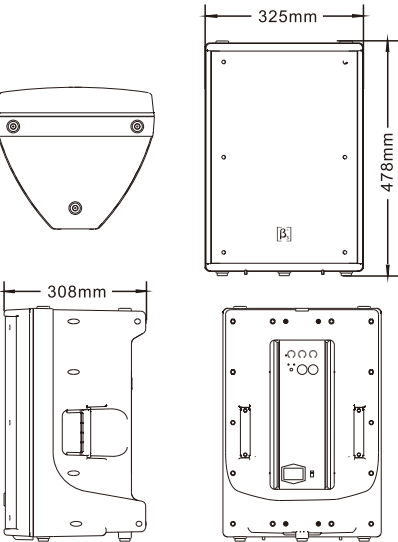
Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The N Active Series delivers extraordinary performance at unmatched value.

Key Features and Benefits:

- High output SPL and sensitivity
- Built-in Bi-amp power amplifier module
- Master volume control
- Bass and Treble control
- XLR input and output connectors
- Heavy duty protective grill
- Injection molded
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- High quality music reproduction
- Monitor kit - optional

System specification:

System	Built-in Crossover Two Way Full Range Speaker
Driver Quantity	1×10" LF, 1×34mm HF
Frequency Response (-3dB)	55Hz-18KHz
Frequency Response (-10dB)	50Hz-18KHz
Max SPL	117dB
Level Adjust Range	± 10dB(100Hz) -Bass ± 10dB(10KHz) -Treb
Amplifier Power	150W
Tweeter Dispersion(HxV)	90°×60°
Load Impedance	8Ω
Input Impedance	Line - 20kΩ, Microphone - 10kΩ
Connectors	1 x XLR input, 1 x XLR output
Power Supply	AC 220V-240V~, 50/60Hz (or AC 110V-120V~, 50-60Hz)
Dimensions(W x D x H)	325 x 308 x 478mm
Packaging Dimensions (W x D x H / pcs)	375 x 355 x 535mm
Net Weight	10.5Kg
Gross Weight(1Pcs/Pack)	12Kg



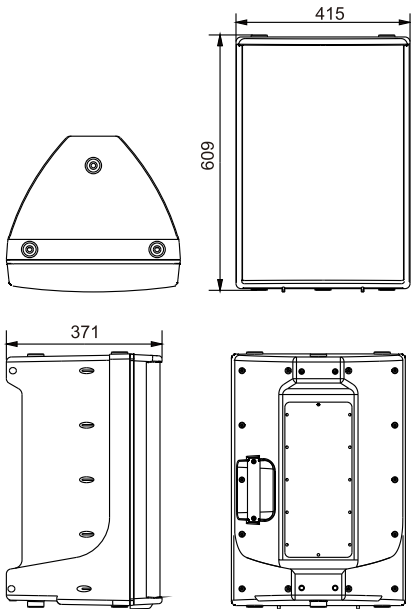


Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc.

Key Features and Benefits:

- High output SPL and sensitivity
- Heavy duty protective grill
- Injection molded
- 2 x NL4 connector
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- High quality music reproduction
- Monitor kit - optional
- Weatherproof version available



System specification:

System	Built-in Crossover Two Way Full Range Speaker
Driver Quantity	1 × 12" LF, 1 × 44mm HF
Frequency Response(-3dB)	60Hz-18KHz
Frequency Response (-10dB)	55Hz-20KHz
Sensitivity(dB/1M/1W)	95dB
Impedance	8Ω
Rated Power(RMS)	300 W
Max SPL	120dB/126dB(peak)
Dispersion(H x V)	90° x 40°
Harmonic Distortion	≤3%
Connectors	2 x NL4
Dimensions(W x D x H)	415 × 371 × 609mm
Packaging Dimensions (W x D x H / pcs)	460 × 430 × 670mm
Net Weight	18Kg
Gross Weight(1Pcs/Pack)	20Kg

Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The N Active Series delivers extraordinary performance at unmatched value.

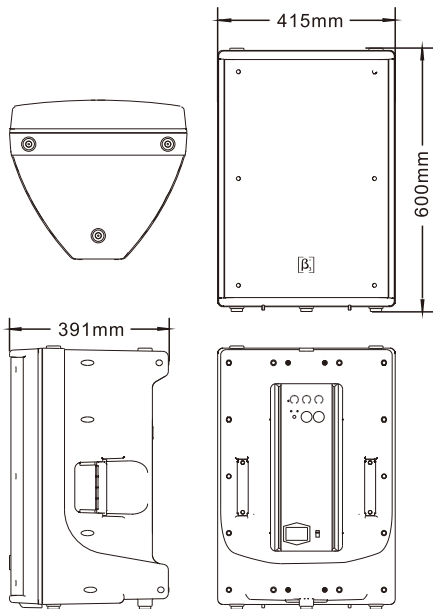
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in power amplifier module
- Master volume control
- Bass and Treble control
- XLR input and output connectors
- Heavy duty protective grill
- Injection molded
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- High quality music reproduction
- Monitor kit - optional



System specification:

System	Built-in Crossover Two Way Full Range Speaker
Driver Quantity	1 × 12" LF, 1 × 44mm HF
Frequency Response (-3dB)	60Hz-18kHz
Frequency Response (-10dB)	55Hz-20KHz
Max SPL	118dB/124dB(peak)
Level Adjust range	± 10dB(100Hz)-Bass ± 10dB(10kHz)-Treb
Amplifier Power	400W
Rotatable horn(HxV)	90° × 60°
Load impedance	Treb - 8Ω, Bass - 4Ω
Input impedance	Line - 20KΩ, Microphone - 10KΩ
Connectors	1 x XLR input, 1 x XLR output
Power supply	AC 220V-240V~, 50/60Hz (or AC 110V-120V~, 50-60Hz)
Dimensions(W x D x H)	415 × 391 × 600mm
Packaging Dimensions (W x D x H / pcs)	465 × 435 × 680mm
Net Weight	23kg
Gross Weight(1Pcs/Pack)	25.2kg



Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The N Active Series delivers extraordinary performance at unmatched value.

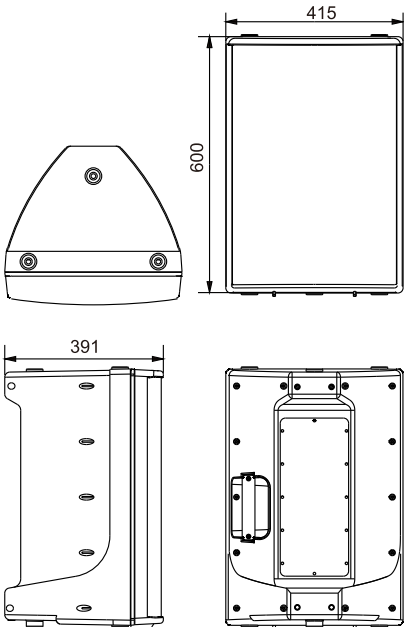
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in power amplifier module
- Master volume control
- Bass and Treble control
- XLR input and output connectors
- Heavy duty protective grill
- Injection molded
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- Monitor kit - optional
- MP3 player, song selection and volume can be controlled separately



System specification:

System	Built-in Crossover Two Way Full Range Speaker
Uinterface:(USB1.1)	MP3 sound source(MP3 format only),
Driver Quantity	1×12" LF, 1×44mmHF
Frequency Response (-3dB)	60Hz-18kHz
Frequency Response (-10dB)	55Hz-20kHz
Max SPL	118dB/124dB(peak)
Level Adjust range	±10dB(100Hz)-Bass ±10dB(10kHz)-Treb
Amplifier Power	400W
Rotatable horn(HxV)	90°×40°
Load impedance	Treb -8Ω, Bass -8Ω
Input impedance	Line - 20KΩ, Microphone - 10KΩ
Connectors	1 x XLR input, 1 x XLR output
Power supply	AC 220V-240V~, 50/60Hz (or AC110V-120V~, 50-60Hz)
Dimensions(W x D x H)	415×391×600mm
Packaging Dimensions (W x D x H /pcs)	465×435×680mm
Net Weight	23kg
Gross Weight(1Pcs/Pack)	25.2kg



Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The N Active Series delivers extraordinary performance at unmatched value.

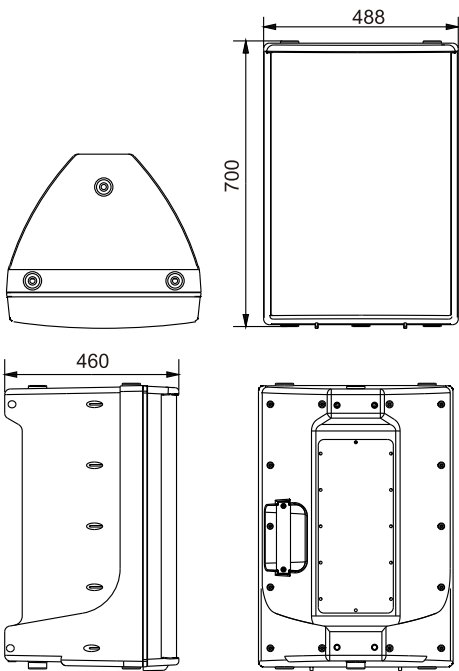
Key Features and Benefits:

- High output SPL and sensitivity
- Heavy duty protective grill
- Injection molded
- 2 x NL4 connector
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- High quality music reproduction
- Monitor kit - optional
- Weatherproof version available



System specification:

System	Built-in Crossover Two Way Full Range Speaker
Driver Quantity	1×15" LF, 1×44mmHF
Frequency Response(-3dB)	50Hz-18kHz
Sensitivity(dB/1M/1W)	97dB
Impedance	8Ω
Rated Power(RMS)	300 W
Max SPL	121dB/127dB(peak)
Dispersion(H x V)	90°x 40°
Harmonic Distortion	≤3%
Connectors	2 x NL4
Dimensions(W x D x H)	488x460x700mm
Packaging Dimensions (W x D x H /pcs)	545x515x800mm
Net Weight	24.5Kg
Gross Weight(1Pcs/Pack)	27Kg



Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The N Active Series delivers extraordinary performance at unmatched value.

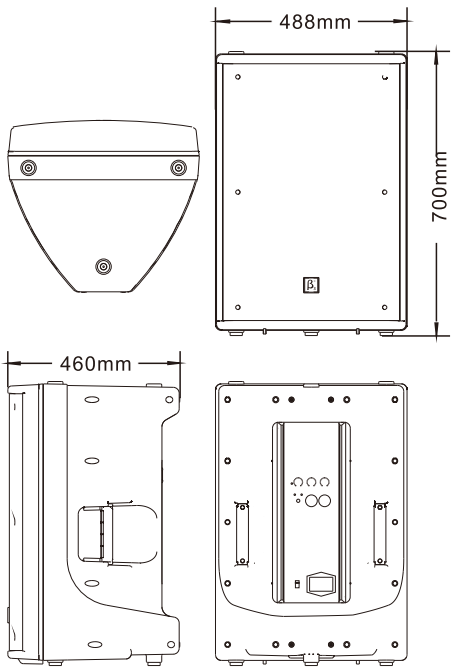
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in power amplifier module
- Master volume control
- Bass and Treble control
- XLR input and output connectors
- Heavy duty protective grill
- Injection molded
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- High quality music reproduction
- Monitor kit - optional



System specification:

System	Built-in Crossover Two Way Full Range Speaker
Driver Quantity	1×15" LF, 1×44mm HF
Frequency Response (-3dB)	50Hz-18kHz
Max SPL	120dB/126dB(peak)
Level Adjust range	±10dB(100Hz)-Bass ±10dB(10kHz)-Treb
Amplifier Power	400W
Dispersion (HxV)	90° x 40°
Load impedance	Treb - 8Ω, Bass - 8Ω
Input impedance	Line - 20KΩ, Microphone - 10KΩ
Connectors	1 x XLR input, 1 x XLR output
Power supply	AC 220V-240V~, 50/60Hz (or AC110V-120V~, 50-60Hz)
Dimensions(W x D x H)	488 x 460 x 700mm
Packaging Dimensions (W x D x H/pcs)	545 x 515 x 800mm
Net Weight	31kg
Gross Weight(1Pcs/Pack)	34kg



Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The N Active Series delivers extraordinary performance at unmatched value.

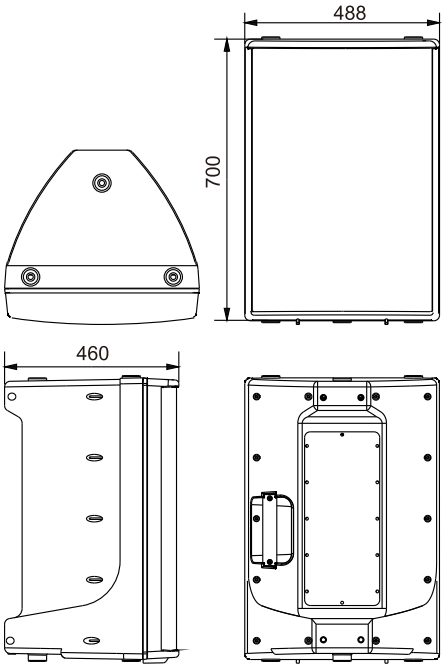
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in power amplifier module
- Master volume control
- Bass and Treble control
- XLR input and output connectors
- Heavy duty protective grill
- Injection molded
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system or permanent installation
- Monitor kit - optional
- MP3 player, song selection and volume can be controlled separately



System specification:

System	Built-in Crossover Two Way Full Range Speaker
Uinterface:(USB1.1)	MP3 sound source(MP3 format only),
Driver Quantity	1×15" LF, 1×44mm HF
Frequency Response (-3dB)	50Hz-18kHz
Frequency Response (-10dB)	45Hz-20KHz
Max SPL	120dB/126dB(peak)
Level Adjust range	±10dB(100Hz)-Bass ±10dB(10kHz)-Treb
Amplifier Power	400W
Rotatable horn(HxV)	50° - 100° x 40°
Load impedance	Treb - 8Ω, Bass - 8Ω
Input impedance	Line - 20KΩ, Microphone - 10KΩ
Connectors	1 x XLR input, 1 x XLR output
Power supply	AC 220V-240V~, 50/60Hz (or AC110V-120V~, 50-60Hz)
Dimensions(W x D x H)	488×460×700mm
Packaging Dimensions (W x D x H/pcs)	545×515×800mm
Net Weight	30.5kg
Gross Weight(1Pcs/Pack)	33.7kg





Product Description:

Portable and installed plastic loudspeakers used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The N Series delivers extraordinary performance at unmatched value.

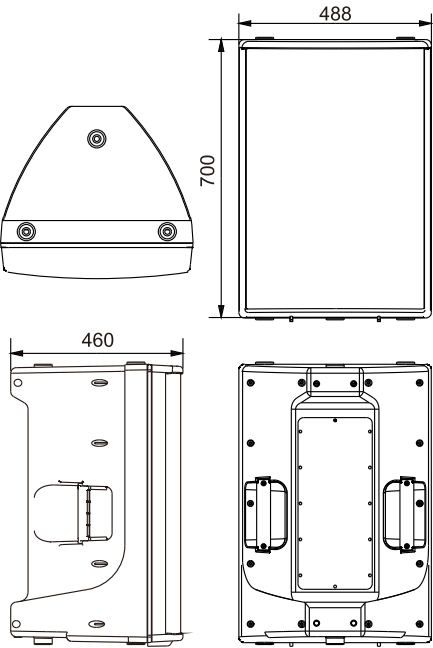
Key Features and Benefits:

- High output SPL and sensitivity
- 1 x 15" high power low frequency transducer
- Heavy duty protective grill
- Injection molded
- Built-in power amplifier module
- Master volume control
- XLR input and output connectors
- Built in variable high cut filter
- Cabinet design for FOH
- Suitable for use with any full range or mid/high speaker cabinets for extended low frequency, high quality music reproduction
- Integral 35mm pole receptacle for mounting full range or mid/high speaker cabinet



System specification:

System	Active low frequency speaker
Cabinet material	Polypropylene
Drive Quantity	1x15" (Bass)
Frequency Response(-3dB)	80Hz-250Hz
Max Sound Level(dB/1M)	120dB
Output Power	400W
Load impedance	4Ω
Input impedance	20kΩ
Connectors	1 x XLR input, 1 x XLR output
Power supply	AC 220V-240V~, 50/60Hz (or AC110V-120V~, 50-60Hz)
Dimensions(W x D x H)	485 × 460 × 700mm
Packaging Dimensions (W x D x H/pcs)	545 × 515 × 800mm
Net Weight	30.5kg
Gross Weight(1Pcs/Pack)	33.7kg



High SPL Plastic Speaker

The Beta Three® S Series coaxial speakers have been designed and engineered to be used in demanding professional sound reinforcement applications and offer high output with a smooth frequency response.

- S400
- S400a
- S800N
- S800Na
- S1200N
- S1200Na
- S1200H
- S1200B

Product Description:

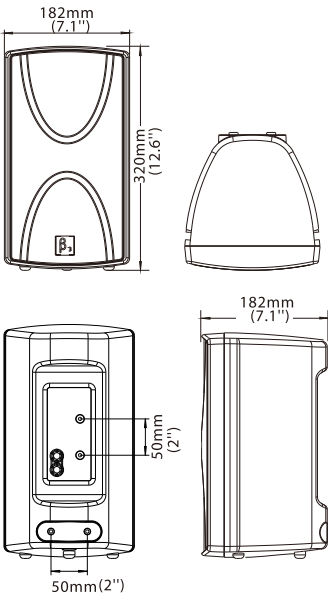
Professional portable and installed plastic loudspeakers where high sound quality is required. Can be used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The S Series is suitable for music and vocal reproduction in demanding applications.

Key Features and Benefits:

- High output SPL and sensitivity
- 2 x 4" high power transducers
- 1 x 1" diaphragm compression driver
- 120° x 120° controlled coverage pattern
- Injection molded
- Binding post connector
- Cabinet design for FOH use
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Powder coated grill with foam backing
- Comes with convenient mounting bracket
- Available with 70V/100V line transformer
- Available in black or white

System specification:

Construction	Plastic
Transducers	1 x 1" HF +2x4" LF
Crossover	3kHz
Frequency Response (-3dB)	80Hz-20kHz
Rated Power	80W (RMS), 160W (Program), 320W (Peak)
Sensitivity (1W @ 1m)	92dB
Maximum SPL (1W @ 1m)	111dB/117dB (Peak)
Rated Impedance	4Ω
Dispersion (H x V)	120° x 120°
Connector	Binding post
Dimensions (W x D x H)	182mm (7.5") x 182mm (7.5") x 320mm (12.6")
Packaging Dimensions (1 piece/pack)	230mm (9.1") x 230mm (9.1") x 375mm (14.8")
Net Weight (1 piece/pack)	4.5kg (9.9lb)
Gross Weight (1 piece/pack)	5.5kg (12.1lb)



Product Description:

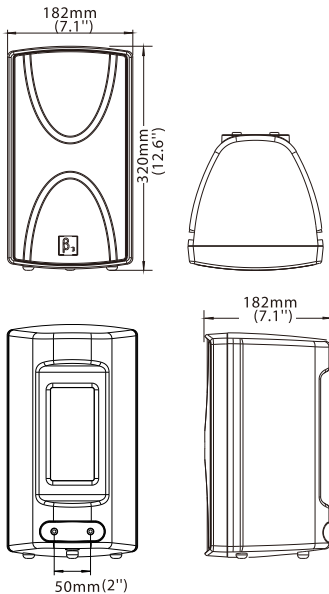
Professional portable and installed plastic loudspeakers where high sound quality is required. Can be used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The S Active Series is suitable for music and vocal reproduction in demanding applications.

Key Features and Benefits:

- High output SPL and sensitivity
- 2 x 4" high power transducers
- 1 x 1" diaphragm compression driver
- 120° x 120° controlled coverage pattern
- Built-in power amplifier module
- Master volume control
- 2 x XLR connectors
- Injection molded
- Cabinet design for FOH use
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Powder coated grill with foam backing
- Comes with convenient mounting bracket
- Available in black or white

System specification:

Construction	Plastic
Transducers	1 x 1.1" HF +2 x4" LF
Frequency Response (-3dB)	100Hz-20kHz
Amplifier Power	100W (RMS)
Amplifier Type	Class H
Maximum SPL (1W @ 1m)	118dB
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	4Ω
Dispersion (H x V)	120° x120°
Connector	1 x XLR input, 1 x XLR output
Power Supply	AC 220V-240V~, 50/60Hz (or AC110V-120V~, 50-60Hz)
Dimensions (W x D x H)	182mm (7.5") x 182mm (7.5") x 320mm (12.6")
Packaging Dimensions (1 piece/pack)	230mm (9.1") x 230mm (9.1") x 375mm (14.8")
Net Weight (1 piece/pack)	6kg (13.2lb)
Gross Weight (1 piece/pack)	7kg (15.4lb)



Product Description:

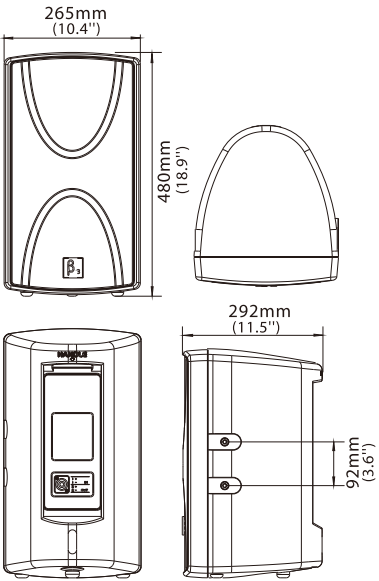
Professional portable and installed plastic loudspeakers where high sound quality is required. Can be used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The S Series is suitable for music and vocal reproduction in demanding applications.

Key Features and Benefits:

- High output SPL and sensitivity
- 2 x 8" high power transducers
- 1 x 1.3" diaphragm compression coaxial driver
- 90° x 90° controlled coverage pattern
- Injection molded
- 1 x NL4 connector
- Cabinet design for FOH use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Powder coated grill with foam backing
- Available with 70V/100V line transformer
- Available in black or white

System specification:

Construction	Plastic
Transducers	1 x 1.3" HF + 1 x 8" MF+ 1x8" LF
Crossover	1.9kHz
Frequency Response (-3dB)	80Hz-20kHz
Rated Power	300W (RMS), 600W (Program), 1200W (Peak)
Sensitivity (1W @ 1m)	95dB
Maximum SPL (1W @ 1m)	118dB/124dB (Peak)
Rated Impedance	4Ω
Dispersion (H x V)	90° x 90°
Connector	1 x NL4
Dimensions (W x D x H)	265mm (10.4") x 292mm (11.5") x 480mm (18.9")
Packaging Dimensions (1 piece/pack)	325mm (12.8") x353mm (13.9") x 550mm (21.6")
Net Weight (1 piece/pack)	10kg (22lb)
Gross Weight (1 piece/pack)	13kg (28.6lb)



Product Description:

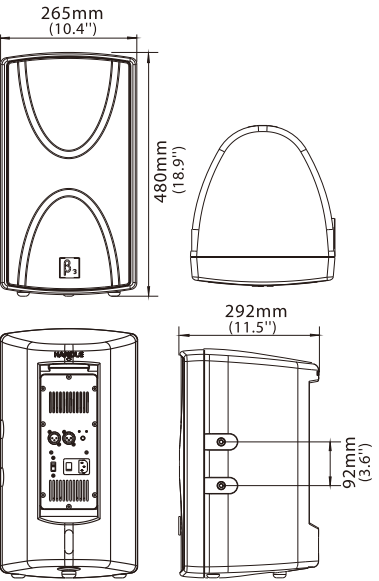
Professional portable and installed plastic loudspeakers where high sound quality is required. Can be used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The S Active Series is suitable for music and vocal reproduction in demanding applications.

Key Features and Benefits:

- High output SPL and sensitivity
- 2 x 8" high power transducers
- 1 x 1.3" diaphragm compression coaxial driver
- 90° x 90° controlled coverage pattern
- Built-in power amplifier module
- Master volume control
- 2 x XLR connectors
- Injection molded
- Cabinet design for FOH use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Powder coated grill with foam backing
- Available in black or white

System specification:

Construction	Plastic
Transducers	1 x 1.3" HF + 1 x 8" MF+ 1x8" LF
Frequency Response (-3dB)	80Hz-20kHz
Amplifier Power	250W
Amplifier Type	Class H
Maximum SPL (1W @ 1m)	120dB/126dB (Peak)
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	4Ω
Dispersion (H x V)	90° x90°
Connector	1 x XLR input, 1 x XLR output
Power Supply	AC 220V-240V~, 50/60Hz (or AC110V-120V~, 50-60Hz)
Dimensions (W x D x H)	265mm (10.4") x 292mm (11.5") x 480mm (18.9")
Packaging Dimensions (1 piece/pack)	325mm (12.8") x353mm (13.9") x 550mm (21.6")
Net Weight (1 piece/pack)	15kg (33lb)
Gross Weight (1 piece/pack)	18kg (39.6lb)





# S1200N

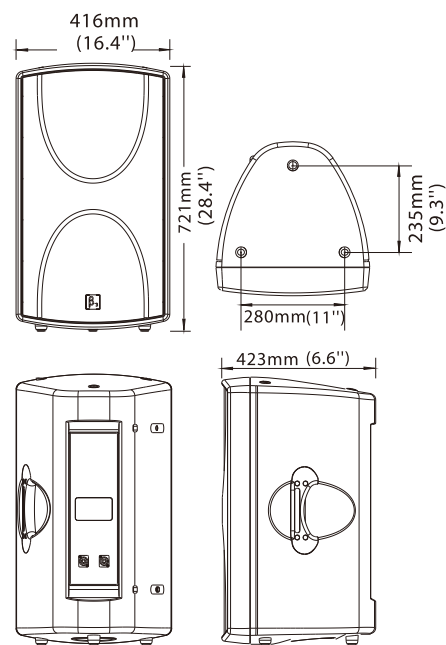
## SSERIES | 12" Two Way Full Range Speaker

### Product Description:

Professional portable and installed plastic loudspeakers where high sound quality is required. Can be used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The S Series is suitable for music and vocal reproduction in demanding applications.

### Key Features and Benefits:

- High output SPL and sensitivity
- 2 x 12" high power transducers
- 1 x 1.7" diaphragm compression coaxial driver
- 60° x 60° controlled coverage pattern
- Injection molded
- 2 x NL4 connector
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Powder coated grill with foam backing
- Available with 70V/100V line transformer
- Available in black or white



### System specification:

Construction	Plastic
Transducers	1 x 1.7" HF + 1 x 12" MF + 1x12" LF
Crossover	2.2kHz
Frequency Response (-3dB)	45Hz-20kHz
Rated Power	800W (RMS), 1600W (Program), 3200W (Peak)
Sensitivity (1W @ 1m)	99dB
Maximum SPL (1W @ 1m)	128dB/134dB (Peak)
Rated Impedance	4Ω
Dispersion (H x V)	60° x 60°
Connector	2 x N14
Dimensions (W x D x H)	416mm (16.4") x 423mm (16.6") x 721mm (28.4")
Packaging Dimensions (1 piece/pack)	485mm (19.1") x485mm (19.1") x 792mm (31.2")
Net Weight (1 piece/pack)	23kg (50.6lb)
Gross Weight (1 piece/pack)	27kg (59.4lb)

# S1200Na

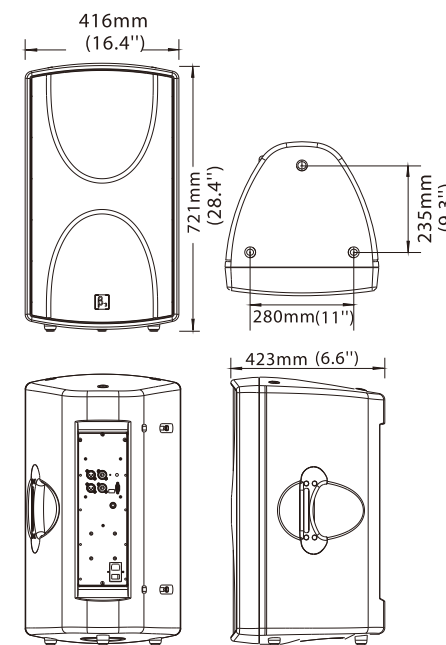
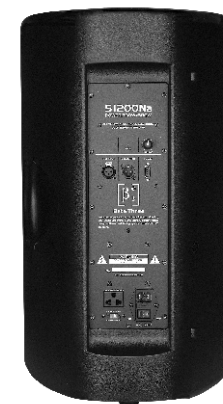
## S SERIES | 12" Two Way Full Range Active Speaker

### Product Description:

Professional portable and installed plastic loudspeakers where high sound quality is required. Can be used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The S Active Series is suitable for music and vocal reproduction in demanding applications.

### Key Features and Benefits:

- High output SPL and sensitivity
- 2 x 12" high power transducers
- 1 x 1.7" diaphragm compression coaxial driver
- 60° x 60° controlled coverage pattern
- Built-in power amplifier module
- Master volume control
- 2 x XLR connectors
- 1 x DB9 connector for accessing internal DSP processor
- Injection molded
- Cabinet design for FOH and Monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Powder coated grill with foam backing
- Available in black or white



### System specification:

Construction	Plastic
Transducers	1 x 1.7" HF + 1 x 12" MF+ 1x12" LF
Frequency Response (-3dB)	45Hz-20kHz
Amplifier Power	600W
Amplifier Type	Class H
Maximum SPL (1W @ 1m)	126dB132dB (Peak)
Input Impedance	Balanced 20KΩ, Unbalanced 10kΩ
Rated Impedance	8Ω
Dispersion (H x V)	60° x60°
Connector	1 x XLR input, 1 x XLR output
Power Supply	AC 220V-240V~, 50/60Hz (or AC110V-120V~, 50-60Hz)
Dimensions (W x D x H)	426mm (16.4") x 423mm (16.6") x 721mm (28.4")
Packaging Dimensions (1 piece/package)	485mm (19.1") x485mm (19.1") x792mm (31.2")
Net Weight (1 piece/package)	28kg (61.6lb)
Gross Weight (1 piece/package)	32kg (70.4lb)

# S1200H

## SSERIES | 12" Mid/High Frequency Speaker

### Product Description:

Professional portable and installed plastic loudspeakers where high sound quality is required. Can be used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The S Active Series is suitable for music and vocal reproduction in demanding applications.

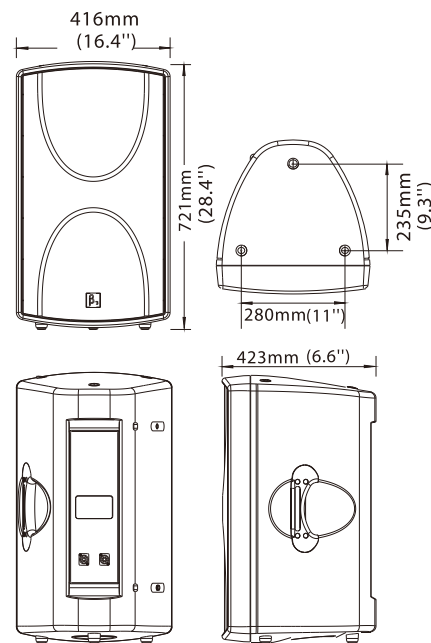


### Key Features and Benefits:

- High output SPL and sensitivity
- 1 x 10" high power transducers
- 1 x 3" diaphragm compression driver
- 60°x 40° controlled coverage pattern
- 2 x NL4 connectors
- Injection molded
- Cabinet design for FOH use
- Suitable for use as a main system where a long throw is required
- Can augmented with sub speaker
- Portable system (stand), or permanent installation (wall, ceiling)
- Powder coated grill with foam backing
- Available in black or white

### System specification:

Construction	Plastic
Transducers	1 x 3" HF + 1 x 12" MF
Crossover	1.8kHz
Frequency Response (-3dB)	400Hz-17kHz
Rated Power	300W (RMS), 600W (Program), 1200W (Peak)
Sensitivity (1W @ 1m)	105dB
Maximum SPL (1W @ 1m)	130dB/136dB (Peak)
Rated Impedance	8Ω
Dispersion (H x V)	60° x 40°
Connector	2 x NL 4
Dimensions (W x D x H)	416mm (16.4") x 423mm (16.6") x 721mm (28.4")
Packaging Dimensions (1 piece/pack)	485mm (19.1") x 485mm (19.1") x 792mm (31.2")
Net Weight (1 piece/pack)	26.5kg (58.3lb)
Gross Weight (1 piece/pack)	30.5kg (67.1lb)



# S1200B

## S SERIES | 12" LF Speaker

### Product Description:

Professional portable and installed plastic loudspeakers where high sound quality is required. Can be used in applications including sound reinforcement in Front of House and Foldback applications in Houses of Worship, Events, Clubs, Rehearsal Halls etc. The S Series is suitable for music and vocal reproduction in demanding applications.

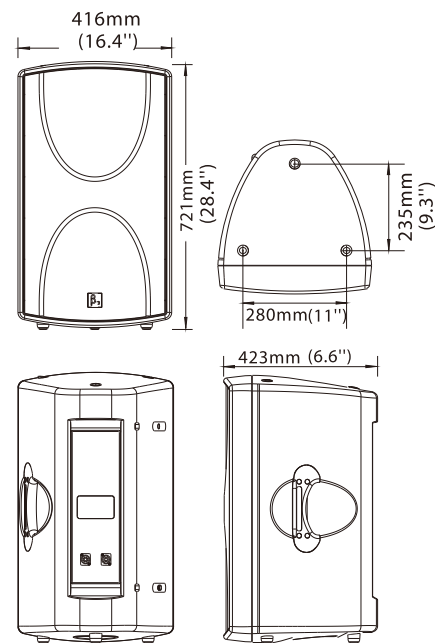


### Key Features and Benefits:

- High output SPL and sensitivity
- 2 x 12" high power transducers
- Injection molded
- 2 x NL4 connector
- Cabinet design for FOH use
- Suitable for use to augment the main system
- Portable system (stand), or permanent installation (wall, ceiling)
- Powder coated grill with foam backing
- Available in black or white

**System specification:**

Construction	Plastic
Transducers	2x12" LF
Frequency Response (-3dB)	50Hz-1.8kHz
Rated Power	800W (RMS), 1600W (Program), 3200W (Peak)
Sensitivity (1W @ 1m) 9	99dB
Maximum SPL (1W @ 1m)	128dB/134dB (Peak)
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	4Ω
Connector	2 x NL 4
Dimensions (W x D x H)	416mm (16.4") x 423mm (16.6") x 721mm (28.4")
Packaging Dimensions (1 piece/pack)	485mm (19.1") x485mm (19.1") x792mm (31.2")
Net Weight (1 piece/pack)	24.5kg (53.9lb)
Gross Weight (1 piece/pack)	28kg (61.6lb)





# QS SERIES

## Versatile Plastic Speaker

The Beta Three® QS Series speakers have been designed and engineered to be used in multi-purpose sound reinforcement applications either indoors or outdoors and offer high output with a smooth frequency response.

- QS400
- QS600
- QS1000

## Product Description:

QS400 is a 4" two way full range speaker system with wide dispersion. Its sound is nature and clear while the cabinet is handy, compact and the appearance is elegant and fashionable. It's applicable in small performing stages, KTV, background music, etc.

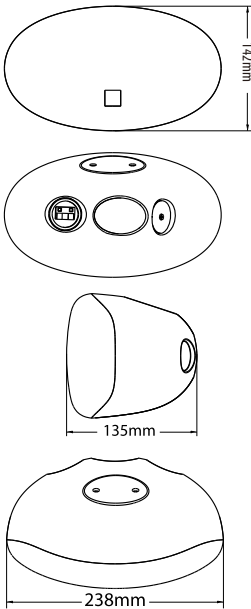
## Key Features and Benefits:

- Two 1" dome tweeter
- 4" paper cone low frequency driver
- High intensity injection moulded cabinet
- Dispersion 100°x100°
- Frequency response 80Hz-20K Hz(-3dB)
- Sensitivity 87dB,Max SPL108dB(peak)
- Constant max power 50W
- 2xM5 hanging point
- Customizable grill and cabinet color
- Apperance elegant and fashionable



## System Specifications:

Transducers	2 x 1" HF + 1 x 4" LF
Frequency Response (-3dB)	80Hz-20kHz
Rated Power	30W
Sensitivity (1W @ 1m)	87dB
Max SPL	102dB/108dB(peak)
Crossover Point	6.5KHz
Rated Impedance	4Ω
Constant Voltage Input	120V/100V/70V
Dispersion (H x V )	90° x 90°
Connector	Push terminal
Dimensions (W x H x D)	238mm x 135mm x 142mm
Packaging Dimensions (1 pair/pack)	372mm x 192mm x 310mm
Net Weight	1.7kg
Gross Weight	4.0kg

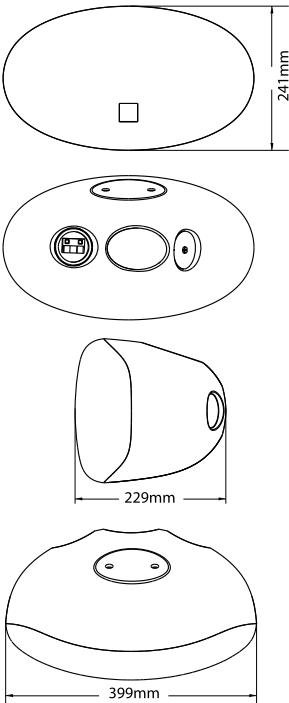


Product Description:

QS600/T is a 6" two way full range speaker system with wide dispersion. Its sound is nature and clear while the cabinet is handy, compact and the appearance elegant and fashionable. It's applicable in small and medium performing stages, KTV, multi-function halls.

Key Features and Benefits:

- Two 3" paper cone mid-high frequency drivers
- 6"paper cone low frequency driver
- High intensity injection moulded cabinet
- Dispersion 140°x160°
- Frequency response 80Hz-16K Hz(-3dB)
- Sensitivity 88dB,Max SPL120dB(peak)
- 3 x M8 hanging point
- Customizable grill and cabinet color
- Apperance elegant and fashionable
- Option QS600T with built-in transformer allowing 70V/100V/120V voltage output and direct 8Ω



System Specifications:

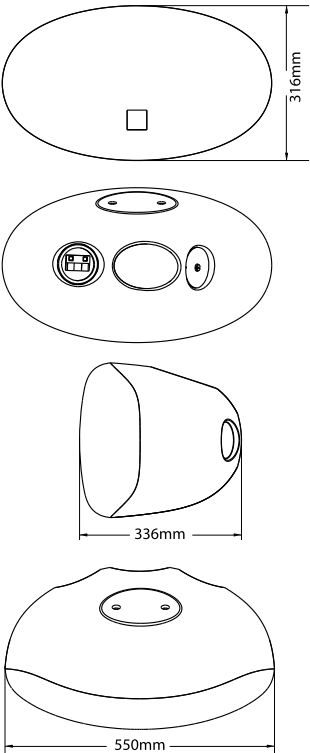
Transducers	2 x 3" HF + 1 x 6" LF
Frequency Response (-3dB)	80Hz-16kHz
Rated Power	80W(RMS)
Sensitivity (1W @ 1m)	88dB
Max SPL	114dB/120dB(peak)
Crossover Point	2.5KHz
Rated Impedance	8Ω
Dispersion (H x V)	140° x 160°
Connector	Push terminal
Dimensions (W x H x D)	399mm x 241mm x 229mm
Packaging Dimensions (1 pair/pack)	452mm x 310mm x 525mm
Net Weight	(QS600)9.0kg,(QS600T)9.5kg
Gross Weight	(QS600)10.0kg,(QS600T)10.5kg

Product Description:

QS1000/T is 2 way full range speaker with a wide dispersion angle, compact cabinet and modern appearance. The sound is very natural and clear; it can be used for small and middle size venues, like KTV, multifunction room, monitor, small performance, public address speaker or as sound reinforcement speaker in some big venues.

Key Features and Benefits:

- Two 4" paper cone mid-high frequency drivers
- 10"paper cone low frequency driver
- High intensity injection moulded cabinet
- Dispersion 120°x120°
- Frequency response 45Hz-20K Hz(-3dB)
- Sensitivity 88dB,Max SPL117dB(peak)
- 3 x M8 hanging point
- Customizable grill and cabinet color
- Apperance elegant and fashionable
- QS1000T with built-in transformer allowing 70V/100V/120V voltage output and direct 8Ω



System Specifications:

Transducers	2 x 4" HF + 1 x 10" LF
Frequency Response (-3dB)	45Hz~20kHz
Rated Power	150W(RMS)
Sensitivity (1W @ 1m)	90dB
Max SPL	117dB/123dB(peak)
Crossover Point	1.2KHz
Rated Impedance	8Ω
Dispersion (H x V)	120° x 120°
Connector	Push terminal
Dimensions (W x H x D)	550mm x 316mm x 336mm
Packaging Dimensions (1 pair/pack)	620mm x 385mm x 425mm
Net Weight	(QS1000)10.5kg, (QS1000T)10kg
Gross Weight	(QS1000)12.5kg, (QS1000T)13.5kg

# BS SERIES

## Commerial Speaker

The Beta Three® BS Series is designed for public address such as plaza, supermarket, pub, chain store, meeting room, office building where high quality sound reinforcement is needed for small and medium venues.

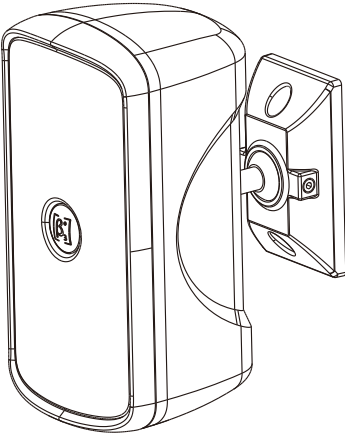
- Bs2002
- BS4002

## Product Description:

The Beta Three® BS2002 is a dual 2.75" full range passive speaker, designed for Installation application such as multi-function hall, also can be Used in small size venues combined with sub speaker

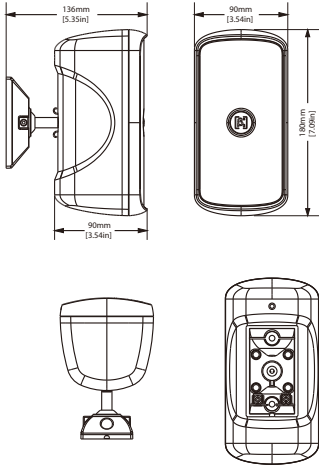
## Key Features and Benefits:

- 2×2.75" Full range loudspeaker
- Plastic enclosure



## System Specifications:

Construction	Plastic enclosure
Transducers	2×2.75" Full range loudspeaker
Frequency Response (-3dB)	260Hz-15kHz
Rated Power	30W (RMS)
Sensitivity (1W @ 1m)	90dB
Max. SPL(1m)	105dB/111dB(PEAK)
Rated Impedance	8Ω
Input Voltage	70V/100V/120V
Connector	Binding post
Dimensions (W x D x H)	90×136×180mm(3.5×5.4×7.1in)
Packaging Dimensions	175×130×230mm(6.9×5.1×9.1in)
Net Weight	1. 0kg (2. 2lb)
Gross Weight	1. 2kg (2. 6lb)



Product Description:

The Beta Three® BS4002 speaker is designed where high fidelity is required in small installation applications. They are most suitable for small conference rooms, schools, coffee shops, restaurants etc. This speaker delivers extraordinary performance at unmatched value.

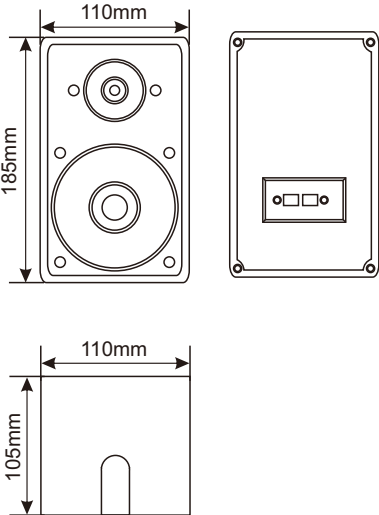
Key Features and Benefits:

- 1 x 4"transducer
- 1 x 20mm dome tweeter
- Mounting bracket included
- Push terminal connectors
- Aluminium cabinet
- Suitable for use as a main system with or without subwoofer speaker augmentation
- Powder coated grill



System Specifications:

Construction	Aluminium
Transducers	1 x 0.8" HF + 1 x 4" LF
Frequency Response (-3dB)	80Hz-20kHz
Rated Power	20W (RMS)
Sensitivity (1W @ 1m)	87dB
Rated Impedance	6Ω
Input Voltage	70V/100V/120V
Connector	Push Terminals
Dimensions (W x D x H)	117mm (4.6") x 110mm (4.3") x 185mm (7.3")
Packaging Dimensions	285mm (11.2") x 230mm (9.1") x 300mm (11.8")
Net Weight	2.2kg (4.7lb)
Gross Weight	4.8kg (10.6lb)



db SERIES

High SPL System

The Beta Three® db series speakers have been designed for use in search rescue, patrol, police crowd control or evacuation, traffic and entrance control checkpoints, etc. Its long-throw, high SPL, strong voice broadcasting, low power consumption, high definition, safe and easy operation system needs to be your first choice.

db6100

db1100-mp3

# db1100-MP3

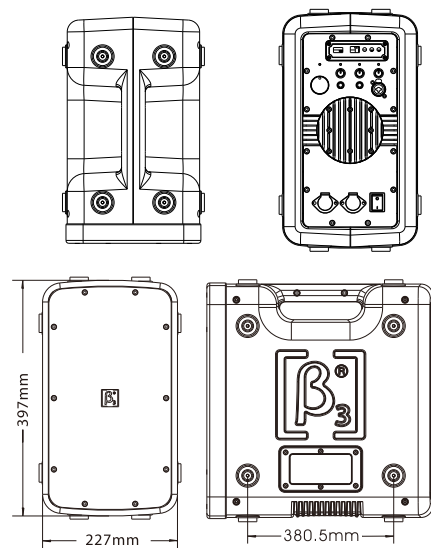
*db SERIES* | **Portable High SPL System**

### Product Description:

db100-MP3 is a portable powered high SPL speaker with volume controls, power supply and MP3 player located on real panel.

### Key Features and Benefits:

- Built in 70W @ 8ohm amplifier
- Peak of 141dB/1m
- Built-in two internal lithium batteries (7800mA/12V) provides at least 6 hours of continuous broadcast time
- The battery charger satisfies quickly battery charging.
- Water and dust resistance for outdoor use (IP45)
- Achieving 85% speech intelligibility at 1000 meters
- Heavy duty plastic enclosure
- Design for use in search rescue, patrol, police crowd control, arm force, school, etc



**System specification:**

Frequency response (-10dB)	300Hz-5kHz
Max SPL	100dB(PEAK, 100m)
Dispersion (HxV)	80° x 50°
Microphone transmission gain (+/-3dB)	80dB
Speech intelligibility=1000m	85%
Power consumption current(rated)=1000m	8100mA
Dimensions (W x D x H)	227x380.5x397mm
Net Weight	20kg

# db6100

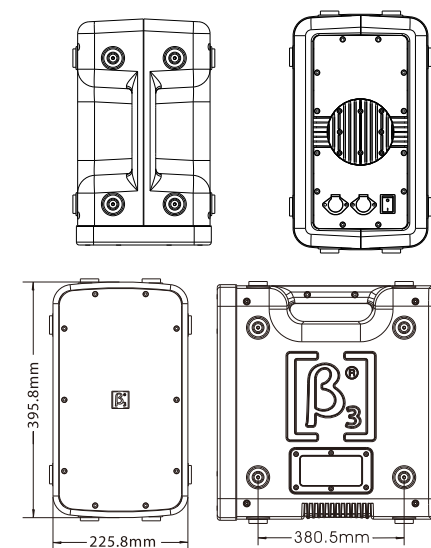
*db SERIES* | **Portable High SPL System**

### Product Description:

Consists of six db100 active speakers and one db100C controller used in applications where long throw over large area is required including mounting on a vehicle. db100 is an active speaker with a built-in 70W@8ohm amplifier, water and dust resistance for outdoor use (IP45). db100C is used to adjust db100 active speaker volume and MP3 player wired Microphone, wireless Microphone signal choice. When extra high SPL is required, pressing the emergency button, the sound pressure level will be increased by 30dB.

### Key Features and Benefits:

- Combining six db100 speakers creates a point-source system for long-throw applications
- Convention cooled  
12V external power supply
- Power consumption (static) 2200mA
- Power consumption (rated) 48A
- Achieving 85% speech intelligibility at 1000 meters
- Heavy duty plastic enclosure
- Design for use in search rescue, patrol, police crowd control, arm force, school, etc



**System specification:**

Frequency response (-10dB)	250Hz-5kHz
Max SPL	125dB(PEAK, 100m)
Dispersion (HxV)	50° x 50°
Microphone transmission gain ( +/-3dB)	110dB(inside vehicle),75dB(outside vehicle)
Speech intelligibility≥1000m	85%
Power consumption current(rated)≥1000m	48A
Dimensions (W x D x H)	225.8x380.5x395.8mm
Net Weight	16kg

# PORTABLE PA SYTEM

## Portable Pro Speaker System

The Beta Three® portable PA systems have been designed and engineered to be used in portable sound reinforcement applications and offer easy installation with high output and a smooth frequency response.

- MELINE S1
- MELINE S2-III
- RS6012I
- RS6015I
- S12
- S15
- S28
- BT1500

## Product Description:

Meline S1 is a compact portable sound system with integrated solo, monitor, small performances, meeting presentations and other functions all in one. Lightweight, impact resist structure, high power output, stable balanced audio output. Meline S1 is specially designed for anytime, anywhere by anyone stage performances with unmatched value.

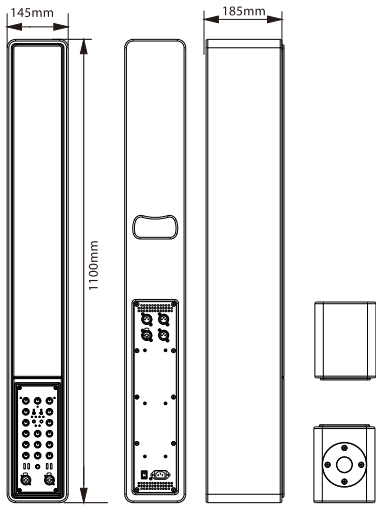
## Key Features and Benefits:

- Compact portable and eye catching design
- Slim column system with floor stand, high power output and natural sound
- 6x4” neodymium mid-woofer dive lower bass and 1” neodymium soft fabric dome tweeter delivers extended clarity for high end field
- Class D module for LF and CLASS AB module for HF, including multiple DSP preset for sound adjustment
- Specialized carry bag for ease of transportation



## System Specifications:

Construction	12mm birch plywood
Transducers	6x4”Neo mid-woofer,1x1” Neo dome tweeter
Frequency Response (-3dB)	80Hz-20KHz
Rated Power	350W
Amplifier type	LF CLASS D, HF CLASS AB
Maximum SPL	118dB
Input Impedance	Balanced 20KΩ, unbalance 10KΩ
Rated Impedance	8Ω
Dispersion (H x V )	90° x 30°
Input Connector	XLR/TRS COMBO,RCA, 3.5mm JACK
Output Connector	XLR,RCA
Power Supply	230V
Dimensions (W x D x H)	145mm x 185mm x 1100mm
Packaging Dimensions (1 piece/pack)	225mm x 265mm x 1200mm
Net Weight (1 piece/pack)	9.0kg
Gross Weight (1 piece/pack)	10.5kg





# Meline S2-III

*MELINE SERIES* | **Portable PA system**

### Product Description:

Meline S2-III is a performance sound reinforcement system designed for musicians, meeting room presentation, DJ's etc for an audience up to 300. The three piece system is designed for quick and easy setup with new click together interconnecting speakers. The amplifier module is housed within the subwoofer. This bi-amp module includes DSP to enable superior performance.

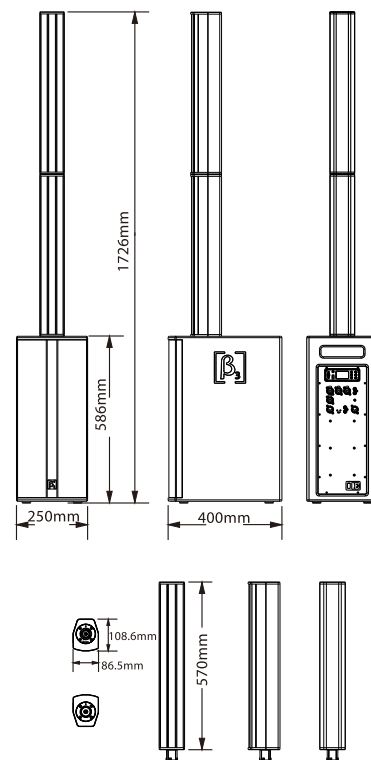
### Key Features and Benefits:

- Compact and portable design
- System is 1.8M high to deliver full, natural sound
- 2×8" subwoofer speakers 12×2.75" full range and 2×25mm Silk dome tweeter vertical column speakers to ensure smooth sound coverage
- Class D module for subwoofer and CLASS AB module for full-range
- Bi-amp module including DSP
- Exclusive LOCK together connections, no cables required
- Handle on back of subwoofer
- Specialized carry bag for ease of transportation - optional
- Built-in Mp3 player
- Bluetooth connection available
- IR remote control - optional



**System specification:**

Frequency response(-3dB)	45Hz-20kHz
Max.SPL	113dB/119dB(PEAK)
Dispersion(H×V)	90°×40°
Transducer	2× 8" Woofer,12×2.75" Midrange 2× 25mm Silk dome tweeters
Amplifier power	800W
Rated impedance	4Ω
Connector	XLR inputs, XLR outputs
Input	Three channel (MIC/COMBI/LINE) balanced input One channel (AUX) unbalanced input(RCA and 3.5mm)
Input impedance(line)	20kohm balanced input, 10kohm unbalanced input
Power cable	IEC
power supply	AC 220V-240V~, 50/60Hz (or AC110V-120V~, 50-60Hz)
Cabinet	Plywood
Handle	1× Wooden handles
Painting	Polyurethane paint; powder coated grille
Cabinet dimension(W×D×H)	250×400×1726mm(9.8×15.7×68.0in)
Packing dimension(W×D×H)	610×350×700mm(24.0×13.8×27.6in)
Net weight	23.5kg(51.7 lbs)
Gross weight	25.5kg(56.1 lbs)



TECHNOLOGY CREATES SOUND ENJOYMENT

# S12

MELINE SERIES | **Portable PA system**

### Product Description:

S12 is an active array sound reinforcement system, which is very compact and portable. The accessories allow very easy and quick system setup. Specially designed components and latest Class D amplifier deliver unbelievable sound quality and impressive output. It is ideal system for musicians, DJs, Bands, and events like meeting, presentation etc.

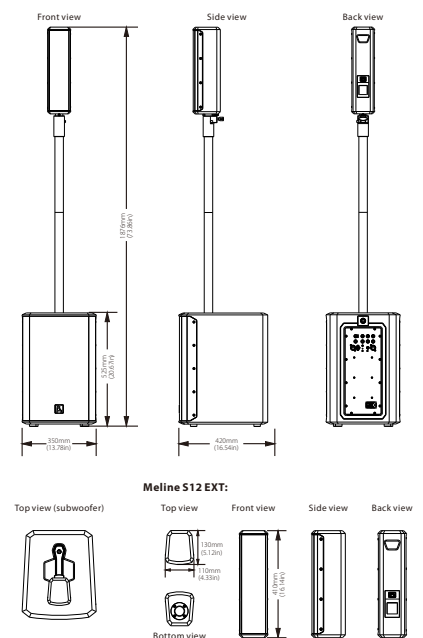
### Key Features and Benefits:

- Compact and portable design
- Height adjustable stand could be up to 2.1M
- 12" subwoofer dive deep bass and 6pcs 2" full range units deliver incredible sound quality
- High power dual channel amplifier including DSP processing
- Carry bag(for stand, column&cable) included



### System Specifications:

Construction	Plywood, column loudspeaker
Transducers	1× 12" Woofer + 6 × 2" Full-frequency unit
Max.SPL	118dB/124dB(PEAK)
Frequency Response (-3dB)	45Hz-18kHz
Rated Power	700W
Handle	2×Wooden handles+1×Aluminum handle
Rated Impedance	4Ω
Dispersion (H×V)	90° x 40°
Connector	1 × Combo, 1 × RCA, 2 × 6.35mm, 1 × Bluetooth
Dimensions (W x D x H)	350×420×1876mm(13.8×16.5×73.9in)
Packaging Dimensions	650×445×630mm(23.5×17.5×24.8in)
Net Weight	20.84kg(45.85 lb)
Gross Weight	22.24kg(48.93 lb)



TECHNOLOGY CREATES SOUND ENJOYMENT

Product Description:

S15 is an active array sound reinforcement system, which is very compact and portable. The accessories allow very easy and quick system setup. Specially designed components and latest Class D amplifier deliver unbelievable sound quality and impressive output. It is ideal system for musicians, DJs, Bands, and events like meeting, presentation etc.

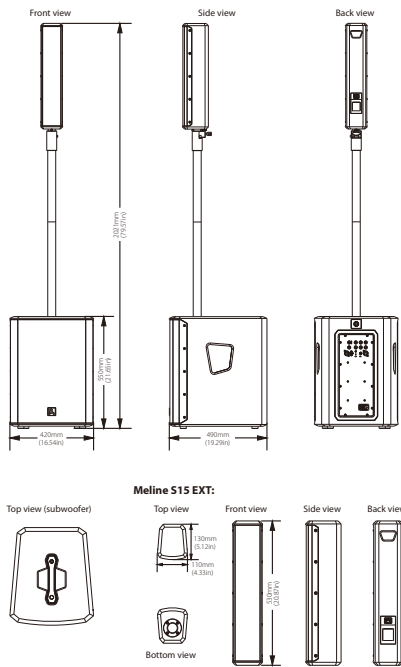
Key Features and Benefits:

- Compact and portable design
- Height adjustable stand could be up to 2.1M
- 15" subwoofer dive deep bass and 8pcs 2" full range units deliver incredible sound quality
- High power dual channel amplifier including DSP processing
- Carry bag(for stand, column&cable) included



System Specifications:

Construction	Plywood, column loudspeaker
Transducers	1× 15" Woofer+8× 2" Full-frequency unit
Max.SPL	119dB/125dB(PEAK)
Frequency Response (-3dB)	45Hz- 18kHz
Rated Power	800W
Handle	2×Wooden handles+1×Aluminum handle
Rated Impedance	4Ω
Dispersion (H x V )	90° x 40°
Connector	1 × Combo, 1 × RCA, 2 × 6.35mm, 1 × Bluetooth
Dimensions (W x D x H)	420×490×2021mm(16.5×19.3×79.6in)
Packaging Dimensions	720×515×655mm(23.4×20.3×25.8in)
Net Weight	27.30kg(60.06 lb)
Gross Weight	32.55kg(71.61 lb)



Product Description:

Meline S28 is a performance sound reinforcement system designed for musicians, meeting room presentation, DJ's etc for an audience up to 300.The three piece system is designed for quick and easy setup with new click together interconnecting speakers. The amplifier module is housed within the subwoofer. This bi-amp module includes DSP to enable superior performance.

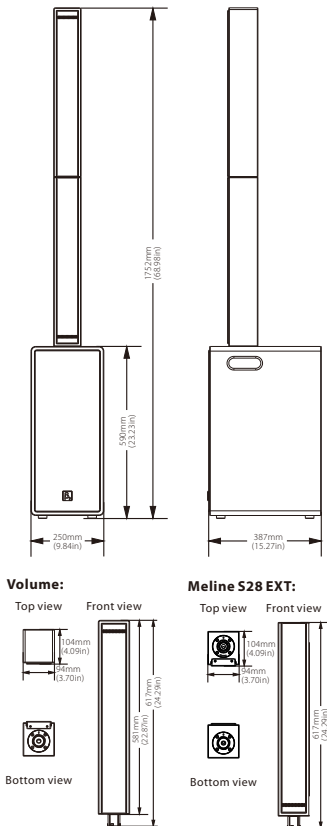
Key Features and Benefits:

- Compact and portable design
- System is 1.8M high to deliver full, natural sound
- 2x8" woofer speakers 12x2.75" midrange and 2x25mm Silk dome tweeter vertical column speakers to ensure smooth sound coverage
- Class D module for subwoofer and CLASS AB module for full-range
- Bi-amp module including DSP
- Exclusive LOCK together connections, no cables required
- Handle on back of subwoofer
- Specialized carry bag for ease of transportation - optional
- Built-in Mp3 player
- Bluetooth connection available
- IR remote control in front and rear of S28
- System height up to 2.32m with an EXT(empty cabinet, optional)



System Specifications:

Construction	Plywood, column loudspeaker
Transducers	2× 8" Woofer, 12 × 2.75"Midrange, 2 × 25mm Silk dome tweeters
Max.SPL	113dB/119dB(PEAK)
Frequency Response (-3dB)	45Hz- 20kHz
Rated Power	800W
Handle	3×Wooden handles
Rated Impedance	4Ω
Dispersion (H x V )	90° x 40°
Connector	1 × Combo, 1 × RCA, 2 × 6.35mm, 1 × Bluetooth
Dimensions (W x D x H)	250×400×1752mm(9.8×15.7×69.0in)
Packaging Dimensions	615×355×705mm(24.2×14.0×27.8in)
Net Weight	21kg(46.3 lb)
Gross Weight	24kg(52.9 lb)



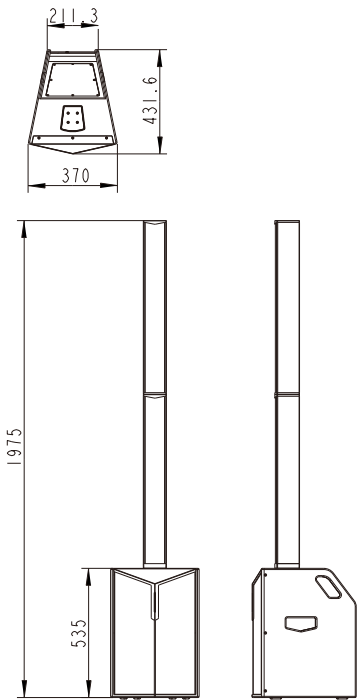
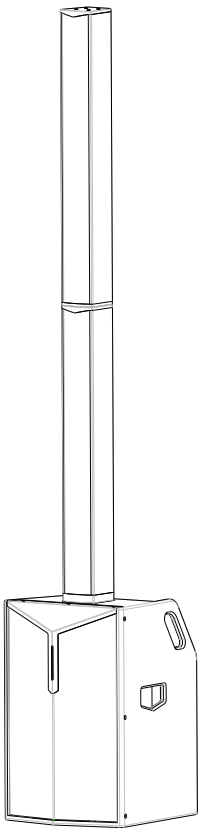


Product Description:

RS 6012i is a professional active column array system. Built-in innovated 6ch mixer, customs made components and eye catching design bring to the users a lot of benefits and excellent experiences. Default settings allow the system working pretty easy. The system can be controlled via Wifi on smart devices. It is suitable for live music, DJs, conference room, and other applications which require a high level sound reinforcement.

Key Features and Benefits:

- 12”high power sub and customs made 2inch full range speakers
- Innovated 6 channels mixer with full processing and controlling functions
- Pro level effect programming
- Online firmware upgrade via Air-ISU™
- Wireless control via Wifi
- Monitor output offer more system configuration options
- Compact and portable, easy to setup



System Specifications:

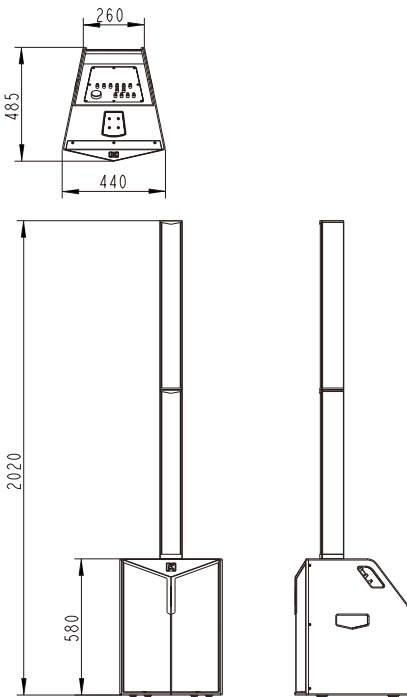
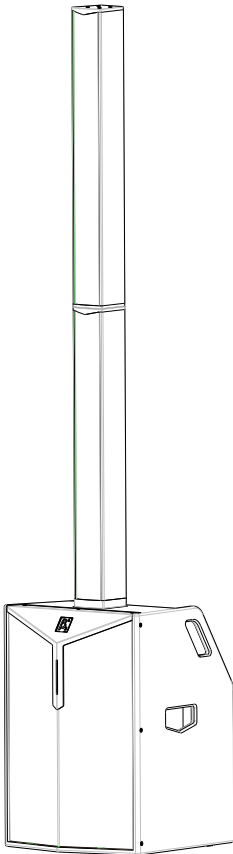
Construction	15mm Birch Plywood
Transducers	2 x 1”HF + 16 x 2.75”MF + 1 x 12”LF
Crossover	150Hz-5.6kHz
Frequency Response (-3dB)	60Hz-20kHz
Rated Power	800W (RMS)
Max. SPL	114dB/120dB (peak)
Rated Impedance	4Ω
Dispersion (H x V )	100° x 40°
Connector	4 × Combo, 1 × USB, 1 × Bluetooth
Dimensions (W x D x H)	370mm (14.6”) x 431.6mm (17.0”) x 1975mm (77.8”)
Packaging Dimensions	HF: 315x175x825mm; LF: 540x475x660mm
Net Weight	HF: 8kg,LF: 16.9kg
Gross Weight	HF: 9kg,LF: 19.5kg

Product Description:

RS6015i is a professional active column array system. Built-in innovated 8ch mixer, customs made components and eye catching design bring to the users a lot of benefits and excellent experiences. Two level programming settings allow the system working pretty well for different applications. The system can be controlled very easy and friendly via Wifi on smart devices. It is suitable for live music, DJs, conference room, and other applications which require a high level sound reinforcement.

Key Features and Benefits:

- 15”high power sub and customs made 2inch full range speakers
- Innovated 8 channels mixer with full processing and controlling functions
- Pro level effect programming
- Online firmware upgrade via Air-ISU™
- Wireless control via Wifi
- Monitor output and Slave system output offer more system configuration options
- Compact and portable, easy to setup



System Specifications:

Construction	15mm Birch Plywood
Transducers	4 x 1”HF +16 x 2”MF + 1 x 15”LF
Crossover	150Hz-5.6kHz
Frequency Response (-3dB)	55Hz-20kHz
Rated Power	800W (RMS)
Max. SPL	118dB/124dB (peak)
Rated Impedance	4Ω
Dispersion (H x V )	100° x 40°
Connector	4 × Combo, 1 × USB, 1 × Bluetooth, 1 × 3.5mm, 1 × RCA
Dimensions (W x D x H)	440mm (17.3”) x 485mm (19.0”) x 2020mm (79.5”)
Packaging Dimensions	HF: 315x175x825mm,LF: 595x545x695mm
Net Weight	HF: 5.8kg,LF: 22.1kg
Gross Weight	HF: 6.8kg,LF: 25.5kg

# TW SERIES

## Multi-Purpose Wooden Speaker

The Beta Three® TW Series speakers have been designed and engineered to be used in multi-purpose sound reinforcement applications either for live performances or fixed installations. TW series is built with very robust components to deliver high power and good quality sound at MAX SPL 3db higher than others.

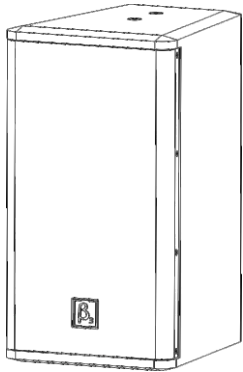
- TW 8
- TW8a
- TW10
- TW10a
- TW12
- TW12a
- TW15
- TW15a
- TW215
- TW215a
- TW212M
- TW212Ma
- TW118B
- TW118Ba
- TW218B
- TW218Ba

## Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship,events,clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

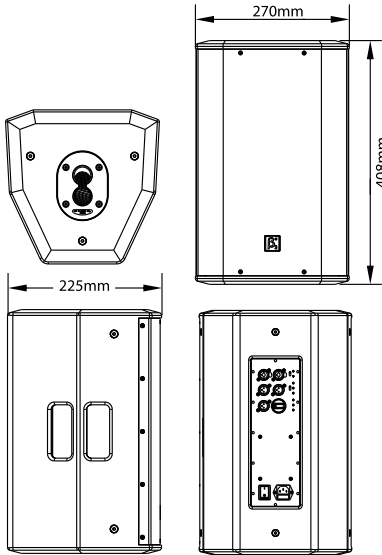
## Key Features and Benefits:

- High output SPL and sensitivity
- Speakon input connectors
- Integrated pole mount adapter at bottom
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Suitable for use as a main system with or without sub speaker augmentation
- Powder coated protective grill
- Durable Polyurethane textured base paint



## System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1 HF Compression Driver + 1 x 8" LF
Frequency Response (-3dB)	90Hz- 18KHz
Rated power	100W(RMS)
Sensitivity (1W @ 1m)	93dB
Maximum SPL(1W@1m)	108dB/114dB(PEAK)
Rated Impedance	8Ω
Dispersion (H x V)	80° x 70°
Connector	4-push terminal
Dimensions (W x D x H)	270mm x 225mm x 408mm
Packaging Dimensions (2 piece/pack)	530mm x 340mm x 490mm
Net Weight (1 piece/pack)	9.0kg
Gross Weight (2 piece/pack)	21.0kg

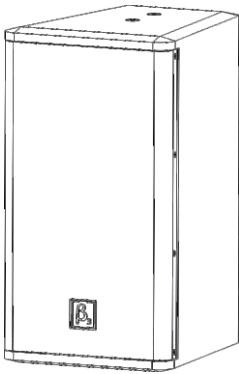


Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship,events,clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

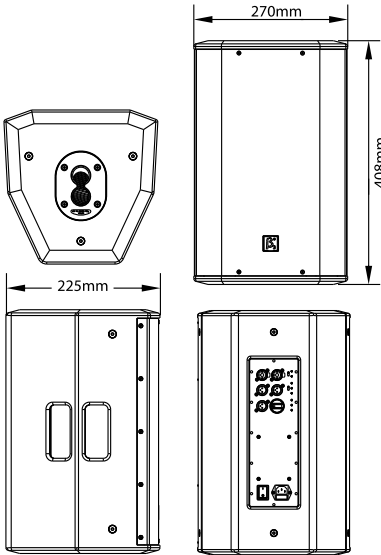
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in high power amplifier module with DSP
- Master volume control
- XLR input and output connectors
- Optimized EQ selector switch
- Integrated pole mount adaptor at bottom
- Portable system or permanent installation
- Suitable for use as a main system with or without sub speaker augmentation
- Power coated protective grill
- Durable Polyurethane textured base paint



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1.4" HF , 1 x 8" LF
Frequency Response (-3dB)	85Hz-18kHz
Amplifier Power	450W(RMS)
Amplifier Type	Class D
Input Sensitivity	1V±10%(200Hz)
Maximum SPL(1W@1m)	112dB/118dB(Peak)
Input Impedance(line)	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	8Ω
Dispersion (H x V )	130° x 140°
Connector	Input:2xCombo(one with Mic/Line switch),Output:3 x XLR
Power Supply	AC220V~240V~,50/60Hz(or AC110V-120V~, 50-60Hz)
Dimensions (W x D x H)	225mm x 270mm x 408mm
Packaging Dimensions (2 piece/pack)	345mm x 305mm x 495mm
Net Weight (1 piece/pack)	10.0kg
Gross Weight (1 piece/pack)	11.0kg



Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship,events,clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

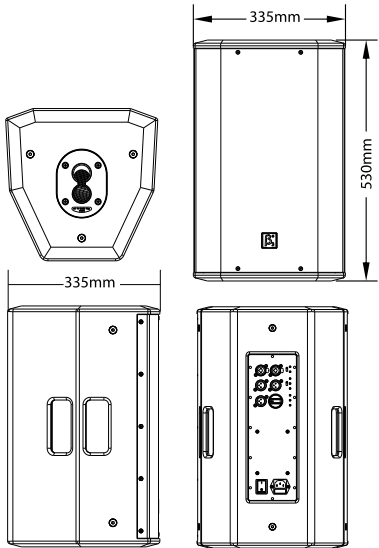
Key Features and Benefits:

- High output SPL and sensitivity
- Speakon input connectors
- Integrated pole mount adaptor at bottom
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Suitable for use as a main system with or without sub speaker augmentation
- Powder coated protective grill
- Durable Polyurethane textured base paint



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1.3" HF , 1 x 10" LF
Frequency Response (-3dB)	65Hz-19kHz
Rated Power	200W(RMS)
Sensitivity (1W @ 1m)	90dB
Maximum SPL(1W@1m)	112dB/118dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V )	80° x 70°
Connector	Input:1xNL4,Output:1 x NL4
Dimensions (W x D x H)	335mm x 335mm x 530mm
Packaging Dimensions (2 piece/pack)	425mm x 425mm x 630mm
Net Weight (1 piece/pack)	15.7kg
Gross Weight (1 piece/pack)	17.6kg



Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship,events,clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

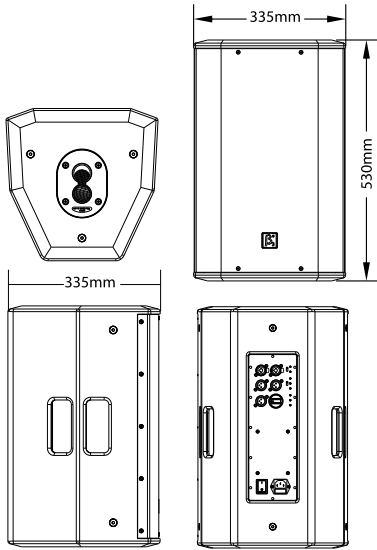
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in high power amplifier module with DSP
- Master volume control
- XLR input and output connectors
- Optimized EQ selector switch
- Integrated pole mount adaptor at bottom
- Portable system or permanent installation
- Suitable for use as a main system with or without sub speaker augmentation
- Power coated protective grill
- Durable Polyurethane textured base paint



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1.3" HF, 1 x 10" LF
Frequency Response (-3dB)	65Hz-19kHz
Amplifier Power	450W(RMS)
Amplifier Type	Class D
Input Sensitivity	1V±10%(200Hz)
Maximum SPL(1W@1m)	112dB/118dB(Peak)
Input Impedance(line)	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	8Ω
Dispersion (H x V )	80° x 70°
Connector	Input:2xCombo(one with Mic/Line switch),Output:3 x XLR
Power Supply	AC220V~240V~,50/60Hz(or AC110V~120V~, 50-60Hz)
Dimensions (W x D x H)	335mm x 335mm x 530mm
Packaging Dimensions (2 piece/pack)	425mm x 425mm x 630mm
Net Weight (1 piece/pack)	16.4kg
Gross Weight (1 piece/pack)	18.5kg



Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship,events,clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

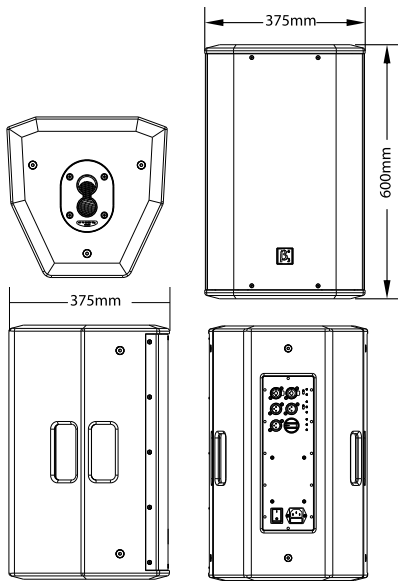
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in high power amplifier module with DSP
- Master volume control
- XLR input and output connectors
- Optimized EQ selector switch
- Integrated pole mount adaptor at bottom
- Portable system or permanent installation
- Suitable for use as a main system with or without sub speaker augmentation
- Power coated protective grill
- Durable Polyurethane textured base paint



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1.7" HF, 1 x 12" LF
Frequency Response (-3dB)	50Hz-20kHz
Rated Power	250W(RMS)
Sensitivity (1W @ 1m)	95dB
Maximum SPL(1W@1m)	115dB/121dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V )	110° x 90°
Connector	Input: 1 x NL4, Output: 1 x NL4
Dimensions (W x D x H)	375×375×600mm(14.8×14.8×23.6in)
Packaging Dimensions (1 piece/pack)	465×465×720mm(18.3×18.3×28.4in)
Net Weight (1 piece/pack)	20.0kg(44.0 lb)
Gross Weight (1 piece/pack)	22.5kg(49.5 lb)



Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship,events,clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

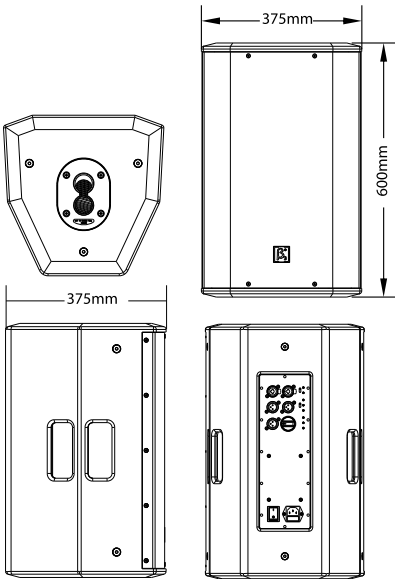
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in high power amplifier module with DSP
- Master volume control
- XLR input and output connectors
- Optimized EQ selector switch
- Integrated pole mount adaptor at bottom
- Portable system or permanent installation
- Suitable for use as a main system with or without sub speaker augmentation
- Power coated protective grill
- Durable Polyurethane textured base paint



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1.7" HF, 1 x 12" LF
Frequency Response (-3dB)	50Hz-20kHz
Amplifier Power	1100W(RMS)
Amplifier Type	Class D
Input Sensitivity	1V±10%(200Hz)
Maximum SPL(1W@1m)	115dB/121dB(Peak)
Input Impedance(line)	Balanced 20kΩ, Unbalanced 20kΩ
Rated Impedance	8Ω
Dispersion (H x V )	110° x 90°
Connector	Input:2xCombo(one with Mic/Line switch),Output:3 x XLR
Power Supply	AC220V-240V~,50/60Hz(or AC110V-120V~, 50-60Hz)
Dimensions (W x D x H)	375mm x 375mm x 600mm
Packaging Dimensions (1 piece/pack)	465mm x 465mm x 720mm
Net Weight (1 piece/pack)	21.1kg
Gross Weight (1 piece/pack)	23.7kg



Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship,events,clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

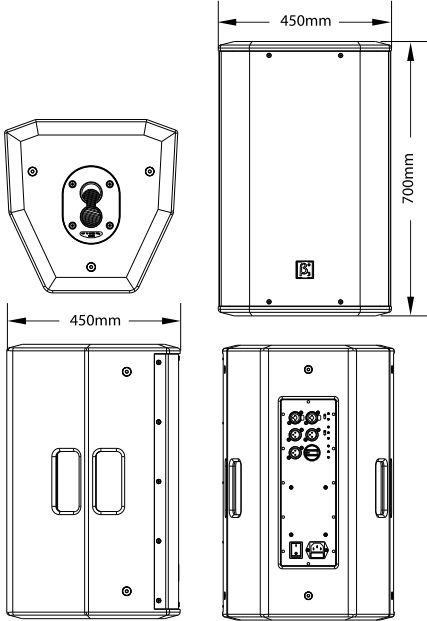
Key Features and Benefits:

- High output SPL and sensitivity
- SpeakOn input connectors
- Integrated pole mount adaptor at bottom
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Suitable for use as a main system with or without sub speaker augmentation
- Powder coated protective grill
- Durable Polyurethane textured base paint



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1.7" HF, 1 x 15" LF
Frequency Response (-3dB)	45Hz-17kHz
Rated Power	300W(RMS)
Sensitivity (1W @ 1m)	96dB
Maximum SPL(1W@1m)	118dB/124dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V )	50° x 55°
Connector	Input: 1 x NL4, Output: 1 x NL4
Dimensions (W x D x H)	450mm x 450mm x 700mm
Packaging Dimensions (2 piece/pack)	560mm x 560mm x 820mm
Net Weight (1 piece/pack)	27.6kg
Gross Weight (1 piece/pack)	31.0kg





Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship,events,clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

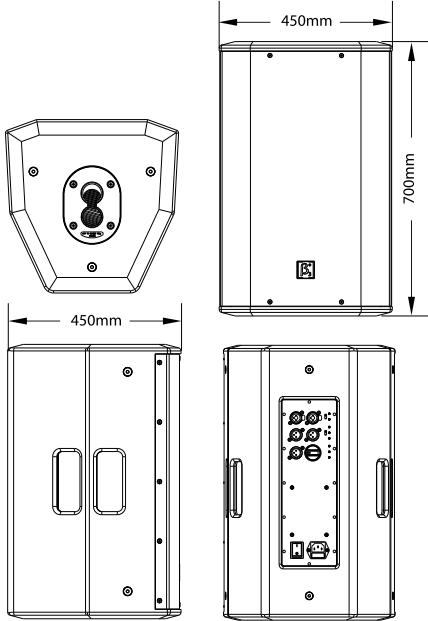
Key Features and Benefits:

- High output SPL and sensitivity
- Built-in high power amplifier module with DSP
- Master volume control
- XLR input and output connectors
- Optimized EQ selector switch
- Integrated pole mount adaptor at bottom
- Portable system or permanent installation
- Suitable for use as a main system with or without sub speaker augmentation
- Power coated protective grill
- Durable Polyurethane textured base paint



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1.7" HF, 1 x 15" LF
Frequency Response (-3dB)	45Hz-17kHz
Amplifier Power	1100W(RMS)
Amplifier Type	Class D
Input Sensitivity	1V±10%(200Hz)
Maximum SPL(1W@1m)	118dB/124dB(Peak)
Input Impedance(line)	Balanced 20kΩ, Unbalanced 20kΩ
Rated Impedance	8Ω
Dispersion (H x V )	50° x 55°
Connector	Input:2xCombo(one with Mic/Line switch),Output:3 x XLR
Power Supply	AC220V-240V~,50/60Hz(or AC110V-120V~, 50-60Hz)
Dimensions (W x D x H)	450mm x 450mm x 700mm
Packaging Dimensions (2 piece/pack)	560mm x 560mm x 820mm
Net Weight (1 piece/pack)	28.7kg
Gross Weight (1 piece/pack)	32.3kg



Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship,events,clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

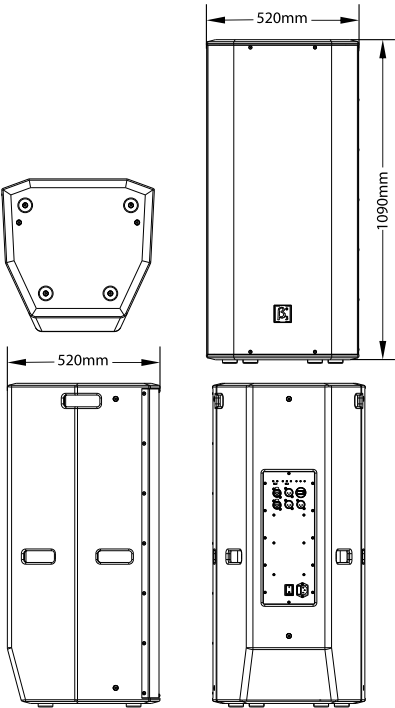
Key Features and Benefits:

- High output SPL and sensitivity
- Speak on input connectors
- Integrated pole mount adaptor at bottom
- Portable system (stand), or permanent installation (wall, ceiling, under balcony)
- Suitable for use as a main system with or without sub speaker augmentation
- Powder coated protective grill
- Durable Polyurethane textured base paint



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF, 1 x 15" LF
Frequency Response (-3dB)	45Hz-18kHz
Rated Power	500W(RMS)
Sensitivity (1W @ 1m)	101dB
Maximum SPL(1W@1m)	128dB/134dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V )	50° x 55°
Connector	Input: 1 x NL4, Output: 1 x NL4
Dimensions (W x D x H)	520mm x 520mm x 1090mm
Packaging Dimensions (1 piece/pack)	650mm x 650mm x 1240mm
Net Weight (1 piece/pack)	52.0kg
Gross Weight (1 piece/pack)	59.0kg



# TW215a

**TW SERIES | Dual 15" Two Way Full Range Active Speaker**

### Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

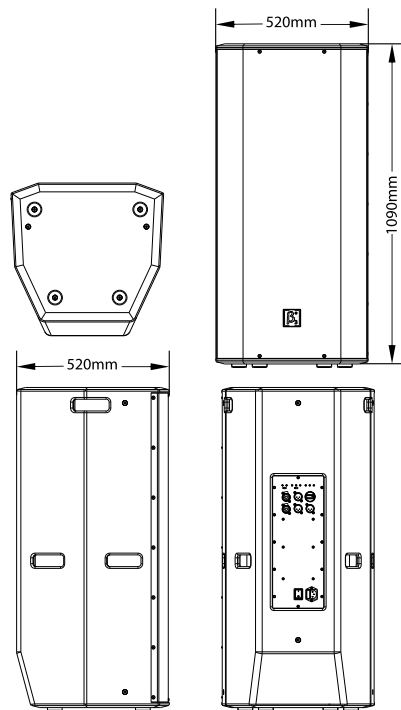
### Key Features and Benefits:

- High output SPL and sensitivity
- Built-in high power amplifier module with DSP
- Master volume control
- XLR input and output connectors
- Optimized EQ selector switch
- Integrated pole mount adaptor at bottom
- Portable system or permanent installation
- Suitable for use as a main system with or without sub speaker augmentation
- Power coated protective grill
- Durable Polyurethane textured base paint



### System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF, 1 x 15" LF
Frequency Response (-3dB)	42Hz-18kHz
Amplifier Power	1500W(RMS)
Amplifier Type	Class D
Input Sensitivity	1V±10%(200Hz)
Maximum SPL(1W@1m)	128dB/134dB(Peak)
Input Impedance(line)	Balanced 20kΩ, Unbalanced 20kΩ
Rated Impedance	8Ω
Dispersion (H x V )	50° x 55°
Connector	Input:2xCombo(one with Mic/Line switch),Output:3 x XLR
Power Supply	AC220V~240V~,50/60Hz(or AC110V~120V~, 50-60Hz)
Dimensions (W x D x H)	520mm x 520mm x 1090mm
Packaging Dimensions (1 piece/pack)	650mm x 650mm x 1240mm
Net Weight (1 piece/pack)	53.0kg
Gross Weight (1 piece/pack)	60.0kg



# TW212M

*TW SERIES* | **Two-Way Monitor**

### Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

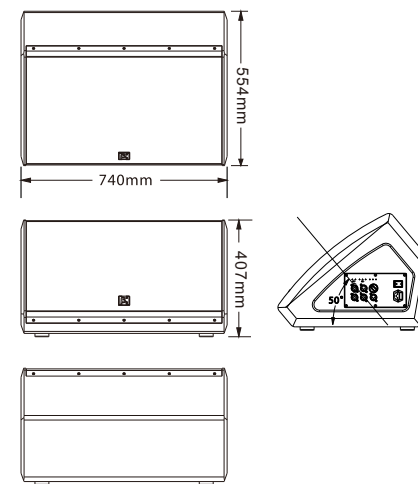
### Key Features and Benefits:

- Dual 12" Ferrite woofer with 3" voice coil
- Ferrite compression driver with 3" voice coil
- Dispersion 45 ×100
- Monitor angle 50
- Sensitivity is 100dB, Max. SPL is 132dB
- RMS power is 500W, peak power is 2000W
- Ergonomic cabinet design



### System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF, 2 x 12" LF
Frequency Response (-3dB)	55Hz-18kHz
Rated Power	500W(RMS)
Sensitivity (1W @ 1m)	100dB
Maximum SPL(1W@1m)	126dB/132dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V)	45° x 100°
Connector	Input: 1 x NL4, Output: 1 x NL4
Dimensions (W x D x H)	740mm x 554mm x 407mm
Packaging Dimensions (2 piece/pack)	665mm x 515mm x 865mm
Net Weight (1 piece/pack)	32.5kg
Gross Weight (1 piece/pack)	36.5kg



### Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship, events, clubs, rehearsal etc. Both active and passive version deliver extraordinary performance at unmatched value.

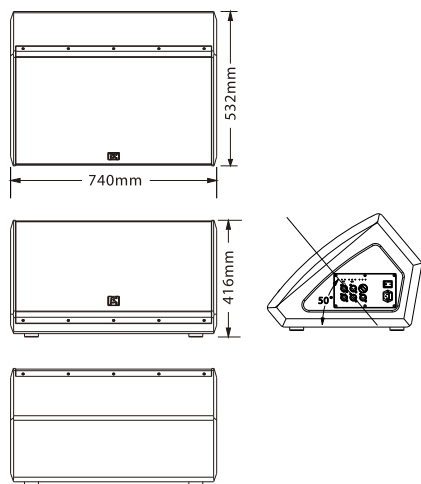


### Key Features and Benefits:

- High output SPL and sensitivity
- Built-in high power amplifier module with DSP
- Master volume control
- XLR input and output connectors
- Optimized EQ selector switch
- Power coated protective grill
- Durable Polyurethane textured base paint
- Monitor angle 50°

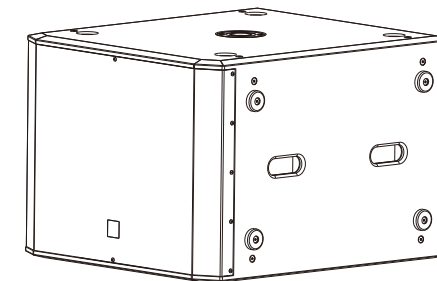
### System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF, 2 x 12" LF
Frequency Response (-3dB)	55Hz-18kHz
Amplifier Power	1500W(RMS)
Amplifier Type	Class D
Input Sensitivity	1V±10%(200Hz)
Maximum SPL(1W@1m)	130dB/136dB(Peak)
Input Impedance(line)	Balanced 20kΩ, Unbalanced 20kΩ
Rated Impedance	8Ω
Dispersion (H x V )	45° x 100°
Connector	Input:2xCombo(one with Mic/Line switch),Output:3 x XLR
Power Supply	AC220V-240V~,50/60Hz(or AC110V-120V~, 50-60Hz)
Dimensions (W x D x H)	740mm x 532mm x 416mm
Packaging Dimensions (2 piece/pack)	665mm x 515mm x 865mm
Net Weight (1 piece/pack)	33.0kg
Gross Weight (1 piece/pack)	37.0kg



### Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship, events, clubs, rehearsal etc. The active version deliver extraordinary performance at unmatched value.

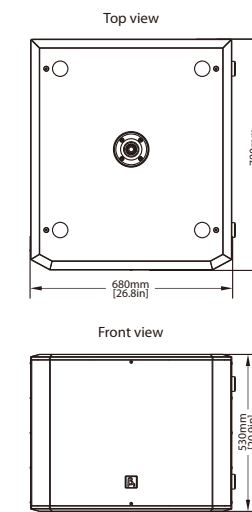


### Key Features and Benefits:

- Single 18" phase inverted subwoofer.
- Sensitivity is 95dB, Max. SPL is 130dB.
- Rated power is 500W, peak power is 2000W.
- Powder coated grille can be used outdoors for 5 years.
- The foam backside of the grille can prevent the rain.
- The new paint materials and advanced painting technology make the surface very rigid.

### System Specifications:

Construction	18mm Birch Plywood
Transducers	1 x 18" LF
Frequency Response (-3dB)	38Hz-250Hz
Rated Power	500W(RMS)
Sensitivity(1W@1m)	95dB
Maximum SPL	124dB/130dB(Peak)
Rated Impedance	8Ω
Connector	NL4x2
Dimensions (W x D x H)	680mm x 780mm x 530mm
Packaging Dimensions (1 piece/pack)	895mm x 795mm x 660mm
Net Weight (1 piece/pack)	43.0kg
Gross Weight (1 piece/pack)	47.0kg



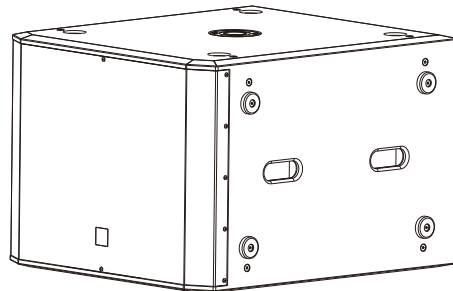


# TW118Ba

*TW SERIES* | **18" Active Subwoofer**

### Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship, events, clubs, rehearsal etc. The active version deliver extraordinary performance at unmatched value.

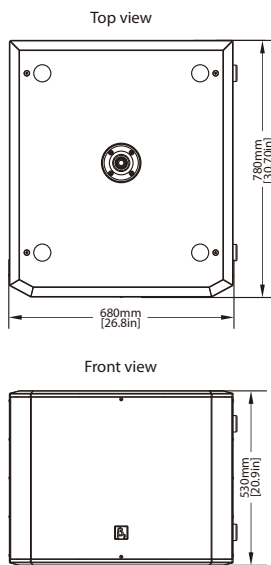


### Key Features and Benefits:

- Single 18" active phase inverted subwoofer.
- Built-in 1400W/4ohm power amplifier with high-cut.
- One input and one output.
- 500W woofer with 4" voice coil.
- Built-in crossover make the sound very natural.
- Powder coated grille can be used for 5 years outdoors,
- backside foam of grille prevent the rain.
- Advanced paint materials and the painting technology
- make the surface very rigid.
- The sound is very clean, powerful and stretchy.

### System Specifications:

Construction	18mm Birch Plywood
Transducers	1 x 18" LF
Frequency Response (-3dB)	38Hz-200Hz
Amplifier Power	1400W(RMS)
Amplifier Type	Class D
Maximum SPL	124dB/130dB(Peak)
Input Impedance(line)	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	4Ω
Connector	XLR for input
Power Supply	AC220V-240V~, 50/60Hz
Dimensions (W x D x H)	680mm x 780mm x 530mm
Packaging Dimensions (1 piece/pack)	885mm x 795mm x 660mm
Net Weight (1 piece/pack)	46.5kg
Gross Weight (1 piece/pack)	51.0kg



# TW218B

*TW SERIES* | **Dual 18" Subwoofer**

### Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship, events, clubs, rehearsal etc. The active version deliver extraordinary performance at unmatched value.

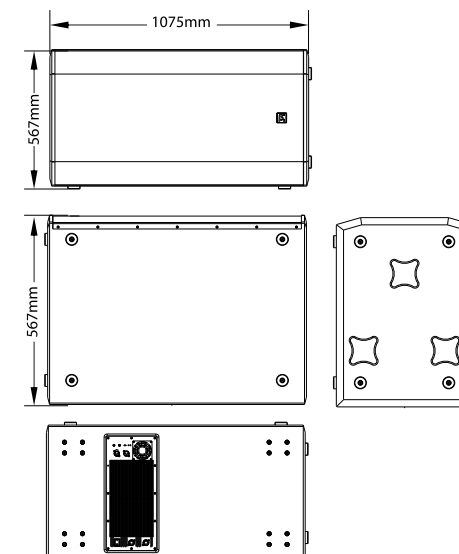


### Key Features and Benefits:

- High output SPL and sensitivity
- Speak on input connectors
- Powder coated protective grill
- Durable Polyurethane textured base paint
- Light weight 2x18" subwoofer
- Strong power penetrating with impact

### System Specifications:

Construction	18mm birch plywood
Transducers	2 x 18"LF
Frequency Response (-3dB)	40Hz-300Hz
Rated Power	1000W(RMS)
Sensitivity (1W @ 1m)	97dB
Maximum SPL	127dB/133dB(Peak)
Rated Impedance	4Ω
Connector	Input: 1 x NL4, Output: 1 x NL4
Dimensions (W x D x H)	567mm x 786mm x 1075mm
Packaging Dimensions (1 piece/pack)	685mm x 895mm x 1185mm
Net Weight (1 piece/pack)	85.0kg
Gross Weight (1 piece/pack)	90.0kg



Product Description:

Portable and installed active loudspeaker used in applications including sound reinforcement in Front of House applications in house of worship, events, clubs, rehearsal etc. The active version deliver extraordinary performance at unmatched value.

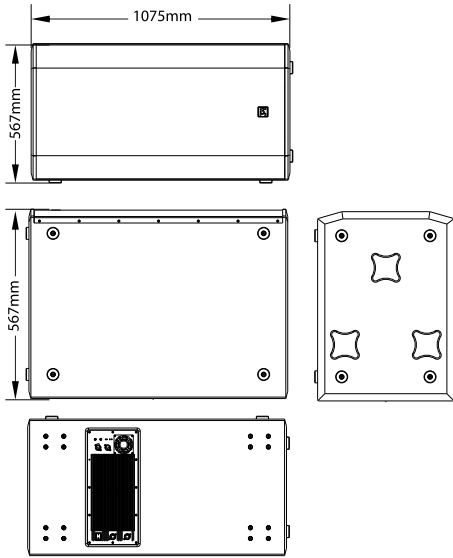


Key Features and Benefits:

- High output SPL and sensitivity
- 4500W continuous Class D power module
- Outstanding high impact performance
- Switch mode power supply
- Integrated amplifier protection
- Master volume, high cut, phase select, power/pwak indication
- Computer aided design to optimise freqeucy and phase response
- Combine with any TW or T-serise high power speaker for extended full range
- frequency, high quality music reproduction
- NEUTRIK Power CON input and output power supply connector
- Power coated protective grill
- Durable Polyurethane textured base paint

System Specifications:

Construction	21mm Birch Plywood
Transducers	1 x 18" LF
Frequency Response (-3dB)	40Hz-200Hz
Amplifier Power	4500W(RMS)
Amplifier Type	Class D
Maximum SPL	132dB/138dB(Peak)
Input Impedance(line)	Balanced 20kΩ, Unbalanced 20kΩ
Rated Impedance	4Ω
Connector	1x XLR for input, 1x XLR for output
Power Supply	AC220V-240V~,50/60Hz(or AC110V-120V~, 50-60Hz)
Dimensions (W x D x H)	567mm x 786mm x 1075mm
Packaging Dimensions (1 piece/pack)	685mm x 895mm x 1185mm
Net Weight (1 piece/pack)	86.0kg
Gross Weight (1 piece/pack)	91.0kg



Multi-Functional Wooden Speaker

The Beta Three® ΣS Series delivers extraordinary performance at unmatched value.The Beta Three® ΣS Series speakers are high powered, compact, constructed of premium birch plywood and are suited to a diverse range of applications. Suitable for music and vocal reproduction.

ΣS206/50

ΣS306/50

ΣS208/50

ΣS210/105

ΣS212/85

ΣS212a/85

ΣS215/500

ΣS215/85

ΣS215a

ΣS2153

ΣB115D

ΣB115a

ΣB118D

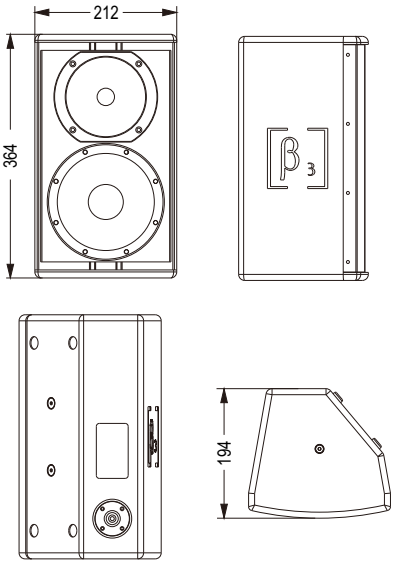
ΣB118a

Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms. Σ Series delivers extraordinary performance at unmatched value.

Key Features and Benefits:

- High SPL and sensitivity
- 1 x 6" high power low frequency transducer
- 1 x 1" PEI diaphragm compression driver
- Passive configuration
- 140° x 140° wide angle coverage pattern
- 1 x NL4 connector
- Computer aided design to optimise frequency and phase response
- Multi purpose cabinet design for FOH or monitor use
- Use as a main system with or without sub speaker augmentation.
- Suitable for speech and background music
- Flexible and easy-to-install configurations (wall, ceiling, under balcony)  
U bracket included
- Combine with any ΣB or ΣJ Series high power sub speaker for extended low frequency, high quality music reproduction
- Powder coated grill
- Durable Polyurethane textured base paint
- 1 x NL4 conenctor included in packaging



System Specifications:

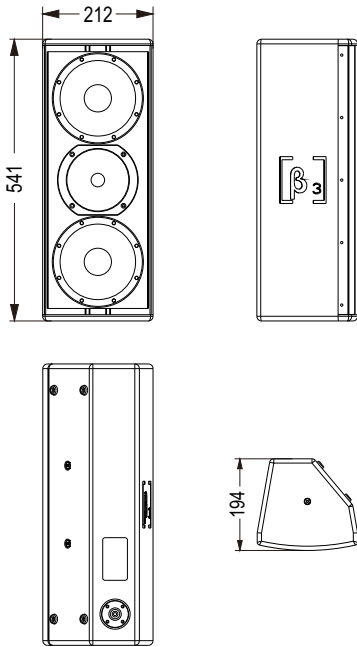
Construction	15mm Birch Plywood
Transducers	1 x 1" HF Compression Driver + 1 x 6" LF
Crossover	3.2kHz
Frequency Response (-3dB)	80Hz-18kHz
Rated Power	80W (RMS)
Sensitivity (1W @ 1m)	90dB
Rated Impedance	8Ω
Dispersion (H x V)	140° x 140°
Connector	1 x NL4
Dimensions (W x D x H)	212mm (8.4") x 194mm (7.6") x 364mm (14.3")
Packaging Dimensions	541mm (21.3") x 293mm (11.5") x 465mm (18.3")
Net Weight	6kg (13.2lb)
Gross Weight	15kg (33.1lb)

Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms. Σ Series delivers extraordinary performance at unmatched value.

Key Features and Benefits:

- High SPL and sensitivity
- 2 x 6" high power low frequency transducer
- 1 x 1" PEI diaphragm compression driver
- Passive configuration
- 140° x 140° wide angle coverage pattern
- 1 x NL4 connector
- Computer aided design to optimise frequency and phase response
- Multi purpose cabinet design for FOH or monitor use
- Use as a main system with or without sub speaker augmentation
- Suitable for speech and background music
- Flexible and easy-to-install configurations (wall, ceiling, under balcony)  
U Bracket included
- 35mm Stand Adapter included
- Combine with any ΣB or ΣJ Series high power sub speaker for extended low frequency, high quality music reproduction
- Powder coated grill
- Durable Polyurethane textured base paint
- 1 x NL4 conenctor included in packaging



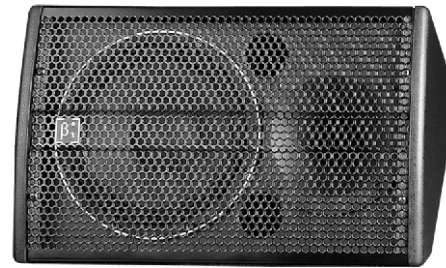
System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1" HF Compression Driver + 2 x 6" LF
Crossover	3kHz
Frequency Response (-3dB)	70Hz-18kHz
Rated Power	160W (RMS)
Sensitivity (1W @ 1m)	93dB
Rated Impedance	8Ω
Dispersion (H x V)	140° x 140°
Connector	1 x NL4
Dimensions (W x D x H)	212mm (8.4") x 194mm (7.6") x 541mm (21.3")
Packaging Dimensions	631mm (24.9") x 541mm (21.7") x 303mm (11.9")
Net Weight	9.5kg (20.9lb)
Gross Weight	22.5kg (49.6lb)



### Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms.  $\Sigma$  Series delivers extraordinary performance at unmatched value.

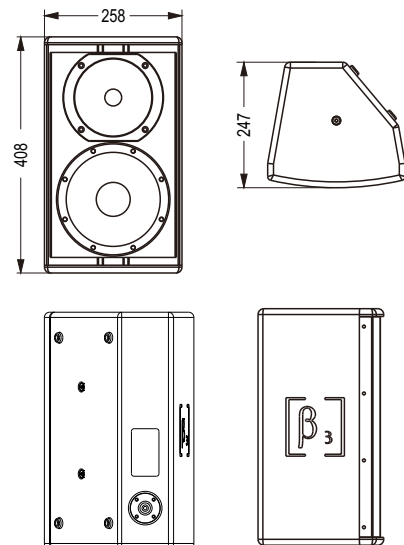


### Key Features and Benefits:

- High SPL and sensitivity
- 1 x 8" high power low frequency transducer
- 1 x 1" PEI diaphragm compression driver
- Passive configuration
- 140° x 140° wide angle coverage pattern
- 1 x NL4 connector
- Computer aided design to optimise frequency and phase response
- Multi purpose cabinet design for FOH or monitor use
- Use as a main system with or without sub speaker augmentation
- Suitable for speech and background music
- Flexible and easy-to install configurations (wall, ceiling, under balcony)
- U bracket included
- Combine with any  $\Sigma$ B or  $\Sigma$ J Series high power sub speaker for extended low frequency, high quality music reproduction
- Powder coated grill
- Durable Polyurethane textured base paint
- 1 x NL4 connector included in packaging

### System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1" HF Compression Driver + 1 x 8" LF
Crossover	2.5kHz
Frequency Response (-3dB)	85Hz-19kHz
Rated Power	100W (RMS)
Sensitivity (1W @ 1m)	93dB
Rated Impedance	8Ω
Dispersion (H x V)	140° x 140°
Connector	1 x NL4
Dimensions (W x D x H)	258mm (10.2") x 247mm (9.7") x 408mm (16.1")
Packaging Dimensions	617mm (24.3") x 337mm (13.3") x 508mm (20")
Net Weight	8kg (17.6lb)
Gross Weight	19kg (41.8lb)



### Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms.  $\Sigma$  Series delivers extraordinary performance at unmatched value.

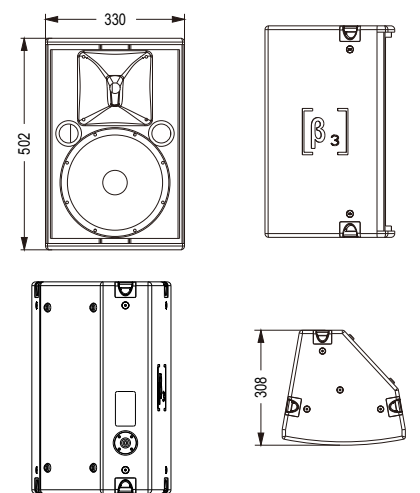


### Key Features and Benefits:

- High SPL and sensitivity
- 1 x 10" high power low frequency transducer
- 1 x 1.7" titanium diaphragm compression driver
- Passive configuration
- (55-100)° x 50° controlled coverage pattern
- 1 x NL4 connector
- Computer aided design to optimise frequency and phase response
- Multi purpose cabinet design for FOH or monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Integral 35mm pole mount receptacle for stand or vertical installation
- 6 x mounting points for permanent installation (wall, ceiling, under balcony)
- Combine with any  $\Sigma B$  or  $\Sigma J$  Series high power sub speaker for extended low frequency, high quality music reproduction
- Powder coated grill
- Durable Polyurethane textured base paint
- 1 x NL4 conenctor included in packaging

### System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 1.7" HF Compression Driver + 1 x 10" LF
Crossover	1.8kHz
Frequency Response (-3dB)	70Hz-20kHz
Rated Power	200W (RMS)
Sensitivity (1W @ 1m)	94dB
Rated Impedance	8Ω
Dispersion (H x V)	(55°-100°) x 50°
Connector	1 x NL4
Dimensions (W x D x H)	330mm (13") x 308mm (12.1") x 502mm (19.8")
Packaging Dimensions	430mm (16.9") x 408mm (16.1") x 622mm (24.5")
Net Weight	17kg (37.5lb)
Gross Weight	20kg (44.1lb)



Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms. Σ Series delivers extraordinary performance at unmatched value.

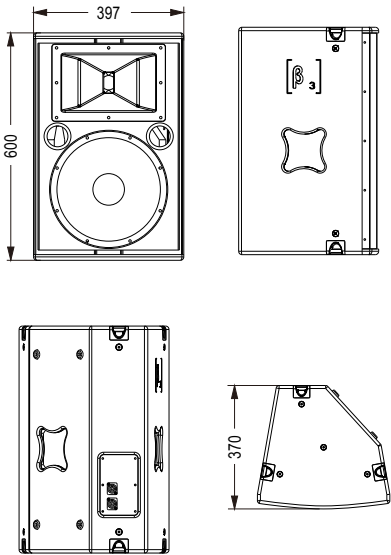
Key Features and Benefits:

- High SPL and sensitivity
- 1 x 12" high power low frequency transducer
- 1 x 3" titanium diaphragm compression driver
- Passive configuration
- 80° x 50° controlled coverage pattern
- 2 x NL4 connectors
- Computer aided design to optimise frequency and phase response
- Multi purpose cabinet design for FOH or monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Integral 35mm pole mount receptacle for stand or vertical installation
- 6 x mounting points for permanent installation (wall, ceiling, under balcony)
- Combine with any ΣB or ΣJ Series high power sub speaker for extended low frequency, high quality music reproduction
- Powder coated grill
- Durable Polyurethane textured base paint
- 1 x NL4 conenctor included in packaging



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF Compression Driver + 1 x 12" LF
Crossover	2.5kHz
Frequency Response (-3dB)	60Hz-16kHz
Rated Power	250W (RMS)
Sensitivity (1W @ 1m)	97dB
Rated Impedance	8Ω
Dispersion (H x V)	80° x 50°
Connector	2 x NL4
Dimensions (W x D x H)	397mm (15.6") x 370mm (14.6") x 600mm (23.6")
Packaging Dimensions	505mm (19.9") x 480mm (18.9") x 720mm (28.4")
Net Weight	25kg (55lb)
Gross Weight	29kg (63.8lb)



Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms. Σ Series delivers extraordinary performance at unmatched value.

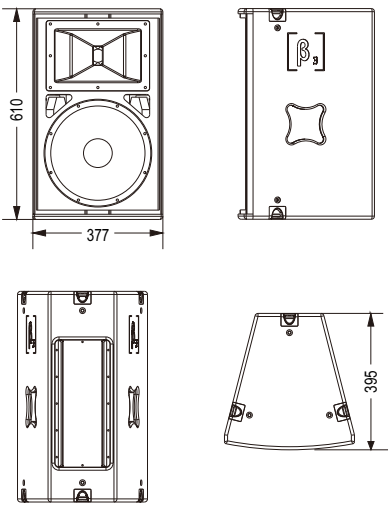
Key Features and Benefits:

- High SPL and sensitivity
- 1 x 12" high power low frequency transducer
- 1 x 3" titanium diaphragm compression driver
- Passive configuration
- 80° x 50° controlled coverage pattern
- 1 x NL4 connector
- Computer aided design to optimise frequency and phase response
- Multi purpose cabinet design for FOH or monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Integral 35mm pole mount receptacle for stand or vertical installation
- 6 x mounting points for permanent installation (wall, ceiling, under balcony)
- Combine with any ΣB or ΣJ Series high power sub speaker for extended low frequency, high quality music reproduction
- Powder coated grill
- Durable Polyurethane textured base paint
- 1 x NL4 conenctor included in packaging



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF Compression Driver + 1 x 12" LF
Crossover	1.8kHz
Frequency Response (-3dB)	60Hz-16kHz
Rated Power	400W (RMS)
Max SPL(1m)	120dB
Rated Impedance	8Ω
Dispersion (H x V)	80° x 50°
Connector	1 x NL4
Dimensions (W x D x H)	377mm (14.8") x 395mm (15.6") x 610mm (24")
Packaging Dimensions	505mm (19.9") x 485mm (19.1") x 730mm (28.7")
Net Weight	30kg (66.1lb)
Gross Weight	35kg (77.2lb)





Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms. Σ Series delivers extraordinary performance at unmatched value.

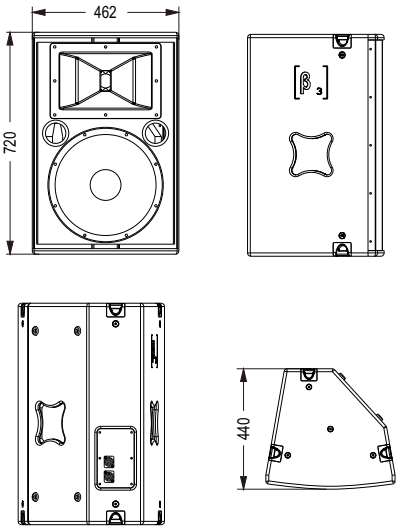
Key Features and Benefits:

- High SPL and sensitivity
- 1 x 15" extra high power low frequency transducer
- 1 x 3" titanium diaphragm compression driver
- Passive configuration
- 80° x 50° controlled coverage pattern
- 2 x NL4 connectors
- Computer aided design to optimise frequency and phase response
- Multi purpose cabinet design for FOH or monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Integral 35mm pole mount receptacle for stand or vertical installation
- Mounting points for permanent installation (wall, ceiling, under balcony)
- Combine with any ΣB or ΣJ Series high power sub speaker for extended low frequency, high quality music reproduction
- Powder coated grill
- Durable Polyurethane textured base paint
- 1 x NL4 conenctor included in packaging



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF Compression Driver + 1 x 15" LF
Crossover	1.9kHz
Frequency Response (-3dB)	55Hz-16kHz
Rated Power	500W (RMS)
Sensitivity (1W @ 1m)	97dB
Rated Impedance	8Ω
Dispersion (H x V)	80° x 50°
Connector	2 x NL4
Dimensions (W x D x H)	462mm (18.2") x 440mm (17.3") x 720mm (28.3")
Packaging Dimensions	570mm (22.5") x 550mm (21.7") x 840mm (33.1")
Net Weight	35kg (77lb)
Gross Weight	39kg (85.8lb)



Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms. Σ Series delivers extraordinary performance at unmatched value.

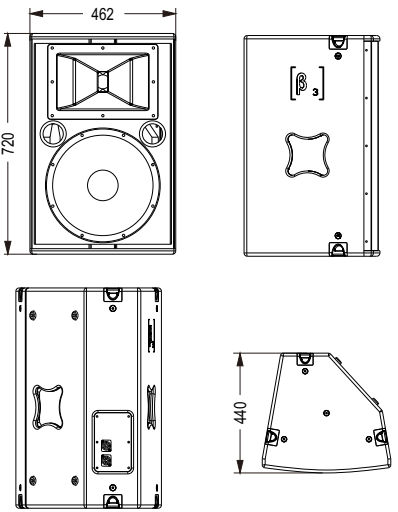
Key Features and Benefits:

- High SPL and sensitivity
- 1 x 15" high power low frequency transducer
- 1 x 3" titanium diaphragm compression driver
- Passive configuration
- 80° x 50° controlled coverage pattern
- 2 x NL4 connectors
- Computer aided design to optimise frequency and phase response
- Multi purpose cabinet design for FOH or monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Integral 35mm pole mount receptacle for stand or vertical installation
- Mounting points for permanent installation (wall, ceiling, under balcony)
- Combine with any ΣB or ΣJ Series high power sub speaker for extended low frequency, high quality music reproduction
- Powder coated grill
- Durable Polyurethane textured base paint
- 1 x NL4 conenctor included in packaging



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF Compression Driver + 1 x 15" LF
Crossover	2.5kHz
Frequency Response (-3dB)	50Hz-16kHz
Rated Power	250W (RMS)
Sensitivity (1W @ 1m)	97dB
Rated Impedance	8Ω
Dispersion (H x V)	80° x 50°
Connector	2 x NL4
Dimensions (W x D x H)	462mm (18.2") x 440mm (17.3") x 720mm (28.3")
Packaging Dimensions	570mm (22.5") x 550mm (21.7") x 840mm (33.1")
Net Weight	33kg (72.6lb)
Gross Weight	37kg (81.4lb)



Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms. Σ Series delivers extraordinary performance at unmatched value.

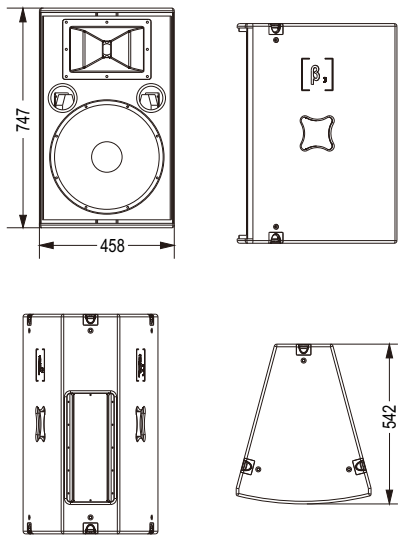
Key Features and Benefits:

- High SPL and sensitivity
- 1 x 15" high power low frequency transducer
- 1 x 3" titanium diaphragm compression driver
- Built-in power amplifier module
- Master volume control
- XLR input and output connectors
- 120Hz low cut switch
- 80° x 50° controlled coverage pattern
- Computer aided design to optimise frequency and phase response
- Multi purpose cabinet design for FOH or monitor use
- Suitable for use as a main system with or without sub speaker augmentation
- Integral 35mm pole mount receptacle for stand or vertical installation
- Mounting points for permanent installation (wall, ceiling, under balcony)
- Combine with any ΣB or ΣJ Series high power sub speaker for extended low frequency, high quality music reproduction
- Powder coated grill
- Durable Polyurethane textured base paint
- 2 x XLR conenctors
- 1 x NL4 conenctor included in packaging



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF Compression Driver + 1 x 15" LF
Frequency Response (-3dB)	50Hz-18kHz
Rated Power	100W HF, 300W LF
Amplifier Type	Class H
Max SPL(1m)	120dB
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	8Ω
Dispersion (H x V )	80° x 50°
Connector	2 x XLR
Power Supply	110V/220V
Dimensions (W x D x H)	458mm (18") x 542mm (21.3") x 747mm (29.4")
Packaging Dimensions	652mm (25.7") x 568mm (22.4") x 865mm (34")
Net Weight	37kg (81.4lb)
Gross Weight	42kg (92.6lb)



Product Description:

Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms. Σ Series delivers extraordinary performance at unmatched value.

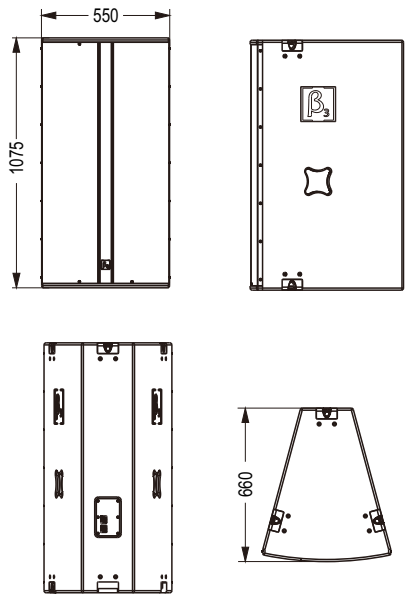
Key Features and Benefits:

- High SPL and sensitivity
- 2 x 15" high power low frequency transducer
- 1 x 3" titanium diaphragm compression driver
- Drived by one amplifier
- 60°X40° width direction to get more widely enlarge capability
- With computer optimize simulated design to get better grquency and phase features
- Multiple flexible installation methods
- Suitable for full sound field enlarge, club and dancery etc publics using
- Suitable for any big sound engineering project or enlarge, returning listen, repair listen of fluxion performance system
- Used for high quality output replaying music, can be assorted with ΣB115H, ΣB118D, ΣB218 high capacity bass box
- 



System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 3" HF Compression Driver + 2 x 15" LF
Crossover	1.7kHz
Frequency Response (-3dB)	45Hz-16kHz
Rated Power	750W (RMS)
Sensitivity (1W @ 1m)	98dB
Rated Impedance	4Ω
Dispersion (H x V )	60° x 40°
Connector	2 x NL4
Dimensions (W x D x H)	550x660x1075mm
Packaging Dimensions	670x770x1185mm
Net Weight	63kg
Gross Weight	67.5kg





# ΣΒ115D

ΣS SERIES | 15" Bandpass LF Speaker



### Product Description:

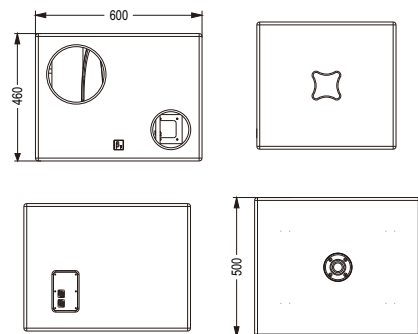
Portable and Installed PA loudspeakers used in applications including sound reinforcement and stage monitoring in Houses of Worship, Events, Clubs, Rehearsal Halls, Ballrooms.  $\Sigma$  Series delivers extraordinary performance at unmatched value.

### Key Features and Benefits:

- High sensitivity and SPL
- 1 x 15" high power low frequency transducer
- Six order bandpass configuration
- 2 x NL4 connectors
- Computer aided design to optimise frequency and phase response
- Stacking locators
- Suitable for use with any full range or mid/high speaker cabinets for extended low frequency, high quality music reproduction
- Integral 35mm pole receptacle for mounting full range or mid/high speaker cabinets
- Durable Polyurethane textured base paint
- 1 x NL4 connector included in packaging

### System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 15" LF
Frequency Response (-3dB)	45Hz-150Hz
Rated Power	450W (RMS)
Sensitivity (1W @ 1m)	99dB
Rated Impedance	8Ω
Connector	2 x NL4
Dimensions (W x D x H)	600mm (23.6") x 500mm (19.7") x 460mm (18.1")
Packaging Dimensions	720mm (28.3") x 610mm (24.0") x 590mm (23.2")
Net Weight	29kg (63.9lb)
Gross Weight	33.4kg (73.6lb)



# ΣΒ115a

ΣS SERIES | 15" Bandpass LF Active Speaker



### Product Description:

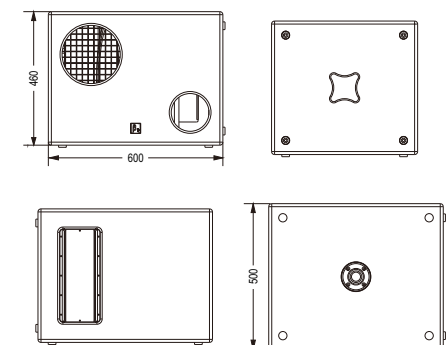
ΣB Active Series Sub speakers utilise high power low frequency drivers with structurally solid enclosures in classic horn-loaded and bandpass configurations. The ΣB Active Series Sub speakers deliver extended low frequency bandwidth with excellent punch. Suitable for Performing Arts, Auditoriums, Clubs, Houses of Worship, Entertainment Venues and Indoor Sports Facilities

### Key Features and Benefits:

- High sensitivity and SPL
- 1 x 15" high power low frequency transducer
- Six order bandpass configuration
- Built-in power amplifier module
- Master volume control
- XLR input and output connectors
- Computer aided design to optimise frequency and phase response
- Stacking locators
- Suitable for use with any full range or mid/high speaker cabinets for extended low frequency, high quality music reproduction
- Integral 35mm pole receptacle for mounting full range or mid/high speaker cabinets
- Durable Polyurethane textured base paint
- 1 x NL4 connector included in packaging

### System Specifications:

Construction	15mm Birch Plywood
Transducers	1 x 15" LF
Frequency Response (-3dB)	35Hz-250Hz
Rated Power	400W (RMS)
Amplifier Type	Class H
Sensitivity (1W @ 1m)	125dB
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	4Ω
Connector	2 x XLR
Power Supply	110V/220V
Dimensions (W x D x H)	600mm (23.6") x 500mm (19.7") x 460mm (18.1")
Packaging Dimensions	720mm (28") x 610mm (24") x 590mm (23")
Net Weight	34kg (75lb)
Gross Weight	40.4kg (89lb)



# ΣB118D

ΣS SERIES | 18" Bandpass LF Speaker



### Product Description:

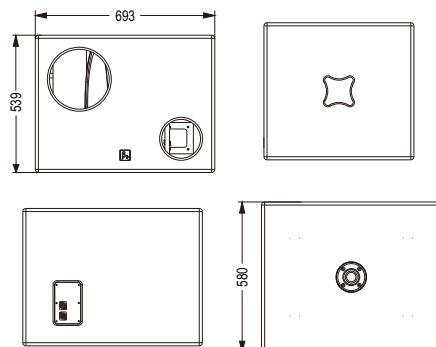
ΣB Series Sub speakers utilise high power low frequency drivers with structurally solid enclosures in classic horn-loaded and bandpass configurations. The ΣB Series Sub speakers deliver extended low frequency bandwidth with excellent punch. Suitable for Performing Arts, Auditoriums, Clubs, Houses of Worship, Entertainment Venues and Indoor Sports Facilities.

### Key Features and Benefits:

- High sensitivity and SPL
- 1 x 18" high power low frequency transducer
- Six order bandpass configuration
- 2 x NL4 connectors
- Computer aided design to optimise frequency and phase response
- Stacking locators
- Suitable for use with any full range or mid/high speaker cabinets for extended low frequency, high quality music reproduction
- Integral 35mm pole receptacle for mounting full range or mid/high speaker cabinets
- Durable Polyurethane textured base paint
- 1 x NL4 connector included in packaging

### System Specifications:

Construction	18mm Birch Plywood
Transducers	1 x 18" LF
Frequency Response (-3dB)	38Hz-150Hz
Rated Power	500W (RMS)
Sensitivity (1W @ 1m)	100dB
Rated Impedance	8Ω
Connector	2 x NL4
Dimensions (W x D x H)	693mm (27.3") x 580mm (22.8") x 539mm (21.2")
Packaging Dimensions	803mm (31.6") x 690mm (27.1") x 650mm (25.6")
Net Weight	37kg (81.4lb)
Gross Weight	44.4kg (97.9lb)



# ΣΒ118a

ΣS SERIES | **18" Bandpass LF Active Speaker**

### Product Description:

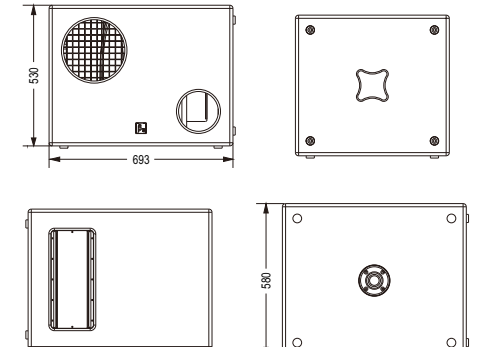
ΣB Active Series Sub speakers utilise high power low frequency drivers with structurally solid enclosures in classic horn-loaded and bandpass configurations. The ΣB Active Series Sub speakers deliver extended low frequency bandwidth with excellent punch. Suitable for Performing Arts, Auditoriums, Clubs, Houses of Worship, Entertainment Venues and Indoor Sports Facilities.

### Key Features and Benefits:

- High sensitivity and SPL
- 1 x 18" high power low frequency transducer
- Six order bandpass configuration
- Built-in power amplifier module
- Master volume control
- XLR input and output connectors
- Computer aided design to optimise frequency and phase response
- Stacking locators
- Suitable for use with any full range or mid/high speaker cabinets for extended low frequency, high quality music reproduction
- Integral 35mm pole receptacle for mounting full range or mid/high speaker cabinets
- Durable Polyurethane textured base paint
- 1 x NL4 connector included in packaging

### System Specifications:

Construction	18mm Birch Plywood		
Transducers	1 x 18" LF		
Frequency Response (-3dB)	35Hz-250Hz		
Rated Power	600W (RMS)		
Amplifier Type	Class H		
Max SPL (1m)	133dB		
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ		
Rated Impedance	4Ω		
Connector	2 x XLR		
Power Supply	110V/220V		
Dimensions (W x D x H)	693mm (27.3") x 580mm (22.8") x 530mm (20.9")		
Packaging Dimensions	803mm (31.6") x 690mm (27.1") x 650mm (25.6")		
Net Weight	45kg (99.2lb)		
Gross Weight	50kg (110.2lb)		



# ΣH SERIES

## Professional Performance Speaker

The Beta Three® ΣH Series speakers are high powered, compact, constructed of premium birch plywood and are suited to a diverse range of applications. Suitable for music and vocal reproduction.

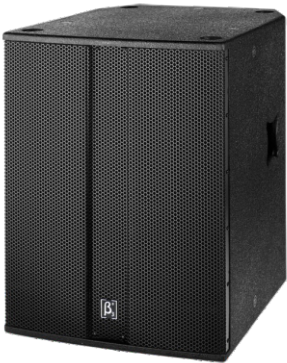
- ΣH215
- ΣH118B

## Product Description:

The ΣH series is designed for portable and permanent installations where patent control is required. The outstanding performance ensures clean, clear and natural sound throughout the listening environment, even at high SPL.

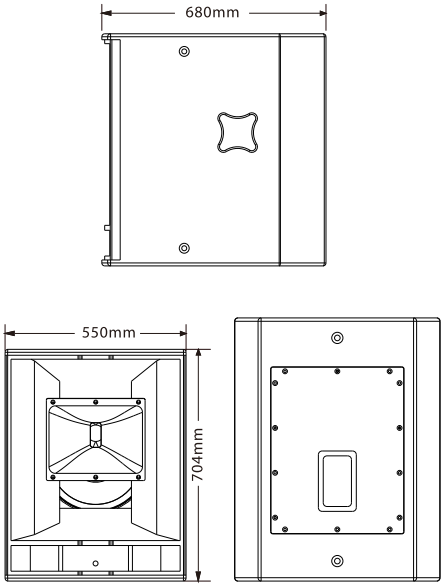
## Key Features and Benefits:

- 15" LF driver with 100mm voice coil
- 100mm mid range and 44mm HF coaxial driver design and big dynamic with RMS power 750W
- High intensity plywood cabinet, LF extension horn design
- Match with Beta Three ΣH118B bass speaker with ΣC2600 processor for high quality sound reproduction



## System specification:

Transducers	LF:1 x 15" , MF/HF: 100mm +44mm coaxial Driver
Frequency Response (-3dB)	48Hz-20kHz
Rated Power	750W (RMS)
Sensitivity (1W @ 1m)	106dB
Maximum SPL	135dB/141dB (peak)
Rated Impedance	8 Ω
Connector	2 x NL 4
Dimensions (W x D x H)	550mm x 704mm x 680mm
Packaging Dimensions	780mm x 824mm x 660mm
Net Weight	49.0kg
Gross Weight	53.0kg





Product Description:

The ΣH series is designed for portable and permanent installations where patent control is required. The outstanding performance ensures clean, clear and natural sound throughout the listening environment, even at high SPL.

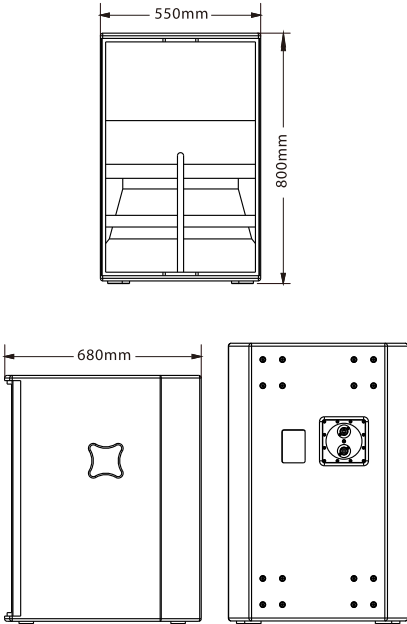
Key Features and Benefits:

- 18" LF driver with 100mm voice coil
- SH118B is high SPL high powered folded horn bass speaker
- Cabinet constructed using premiere grade ply
- Match with Beta Three ΣH215 bass speaker with ΣC2600 processor for high quality sound reproduction



System specification:

Transducers	1 x 18" LF
Frequency Response (-3dB)	65Hz-200Hz
Rated Power	800W (RMS)
Sensitivity (1W @ 1m)	99dB
Average SPL	131dB
Rated Impedance	8Ω
Connector	4 x NL4
Dimensions (W x D x H)	550mm x 850mm x 680mm
Packaging Dimensions	660mm x 970mm x 780mm
Net Weight	52.0kg
Gross Weight	58.0kg



Theater Speaker

The Beta Three® Theater Series Speakers have been designed and engineered for permanent installation, constructed of premium birch plywood and offer high output with a smooth frequency response in Theater Venus applications.

TH115L

TH118L

TH218L

TH215/96

TH306H/64/94

TH315/64/94

Product Description:

The TH series designed for permanent installation within medium to large Theatre venue sound reinforcement system applications, the outstanding mid/high performance ensures clean, clear and natural sound throughout the listening environment, even at high SPL.

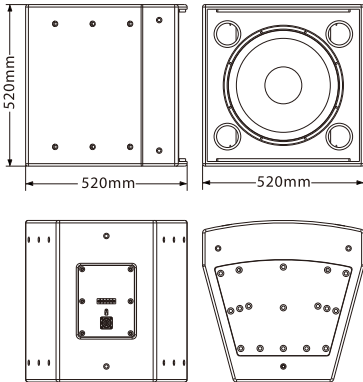
Key Features and Benefits:

- High Sensitivity LF passive speaker
- 1x15" LF transducer
- High strength cabinet structure
- Powder coated grill
- Computer aided design to optimize frequency and phase response
- Suitable for use as a main system with TH306/64 or TH306/96
- Durable Polyurethane textured base paint
- Suitable for theatre, large multifunctional hall, auditorium, live performance sound reinforcement



System specification:

Construction	plywood
Transducers	1 x 15" LF
Frequency Response (-3dB)	65Hz-1kHz
Rated Power	450W (RMS)
Sensitivity (1W@1m)	97dB
Maximum SPL	117dB/123dB(peak)
Rated impedance	8Ω
Connector	1 x NL 4 + 4-screw terminal
Dimensions (W x D x H)	520mm x 520mm x 520mm
Packaging Dimensions (1 piece/pack)	620mm x 620mm x 620mm
Net Weight	24.5kg
Gross Weight	36.5kg



Product Description:

TH Series is designed for permanent installation within medium to large Theatre venue sound reinforcement system applications, the outstanding mid/high performance ensures clean, clear and natural sound throughout the listening environment, even at high SPL.

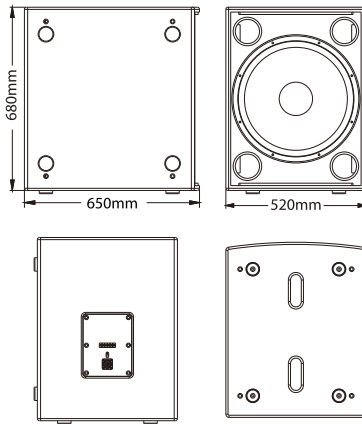
Key Features and Benefits:

- High Sensitivity LF passive speaker
- 1x18" LF transducer
- High strength cabinet structure
- Powder coated grill
- Computer aided design to optimize frequency and phase response
- Suitable for use as a main system with TH306/64 or TH306/96
- Durable Polyurethane textured base paint
- Suitable for theatre, large multifunctional hall, auditorium, live performance sound reinforcement



System specification:

Construction	plywood
Transducers	1 x 18" LF
Frequency Response (-3dB)	40Hz-1kHz
Rated Power	600W (RMS)
Sensitivity (1W@1m)	101dB
Maximum SPL	122dB/128dB(peak)
Rated impedance	8Ω
Connector	1 x NL 4 + 4-screw terminal
Dimensions (W x D x H)	520mm x 650mm x 680mm
Packaging Dimensions (1 piece/pack)	620mm x 750mm x 780mm
Net Weight	4.5kg
Gross Weight	46kg



Product Description:

TH Series is designed for permanent installation within medium to large theatre venue sound reinforcement system applications, the outstanding mid/high performance ensures clean, clear and natural sound throughout the listening environment, even at high SPL.

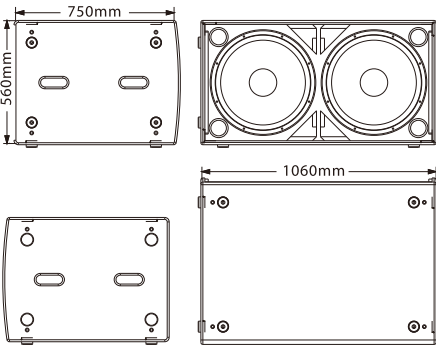
Key Features and Benefits:

- High Sensitivity subwoofer.
- 2x18" high efficient LF driver
- High strength cabinet structure
- Computer aided design to optimize frequency and phase response.
- Powder coated grill
- Durable Polyurethane textured base paint
- Suitable for theatre, large multifunctional hall, auditorium, live performance sound reinforcement



System specification:

Construction	plywood
Transducers	2 x 18" LF
Frequency Response (-3dB)	38Hz-1kHz
Rated Power	1200W (RMS)
Sensitivity (1W@1m)	103dB
Maximum SPL	134dB/140dB(peak)
Rated impedance	4Ω
Connector	1 x NL 4 + 4-screw terminal
Dimensions (W x D x H)	1060mm x 750mm x 560mm
Packaging Dimensions (1 piece/pack)	1185mm x 895mm x 685mm
Net Weight	74kg
Gross Weight	80kg



Product Description:

TH Series is designed for permanent installation within medium to large theatre venue sound reinforcement system applications, the outstanding mid/high performance ensures clean, clear and natural sound throughout the listening environment, even at high SPL.

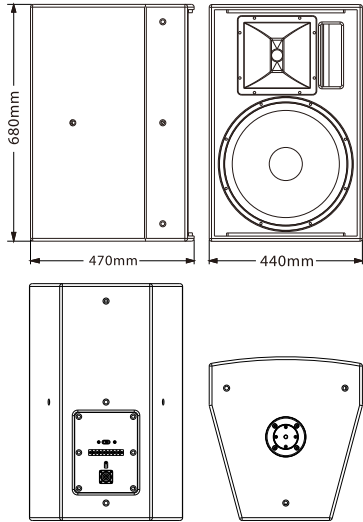
Key Features and Benefits:

- High SPL and High Sensitivity three way full range system
- 1x44mm HF compressed driver and 1X15" LF driver
- High strength cabinet structure
- Powder coated grill
- Computer aided design to optimize frequency and phase response
- Durable Polyurethane textured base paint
- Suitable for theatre ,television studio, multi-functional room and performance studio



System specification:

Construction	plywood
Transducers	44mm HF, 1x15" LF
Frequency Response (-3dB)	40Hz-19kHz
Rated Power	Passive mode:350W Bi-amp mode: LF:350W HF:60W
Sensitivity (1W@1m)	Passive mode:98dB Bi-amp mode: LF:97dB HF :107dB
Maximum SPL	Passive mode: 116dB/122dB(peak) Bi-amp mode: LF:116dB/122dB(peak), HF :114dB/120dB(peak)
Crossover	1.5 kHz HF/LW
Rated impedance	Passive mode: 8Ω, Bi-amp mode:MF:8Ω HF:8Ω
Dispersion(H X V)	90°X60°
Connector	1 x NL 8 + 8-screw terminal
Dimensions (W x D x H)	440mm x 470mm x 680mm
Packaging Dimensions (1 piece/pack)	550mm x 575mm x 690mm
Net Weight	28kg
Gross Weight	31.5kg



Product Description:

TH Series is designed for permanent installation within medium to large theatre venue sound reinforcement system applications, the outstanding mid/high performance ensures clean, clear and natural sound throughout the listening environment, even at high SPL.

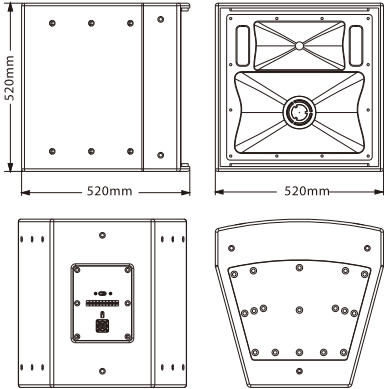
Key Features and Benefits:

- High SPL and High Sensitivity two way mid/high system
- 1x6" LF driver and 1x44mm HF compressed driver
- High strength cabinet structure
- Suitable for use as a main system with TH115L or TH118L
- Computer aided design to optimize frequency and phase response
- Powder coated grill
- Durable Polyurethane textured base paint
- Suitable for theatre ,television studio, multi-functional room and performance studio



System specification:

Construction	plywood
Transducers	1x 44mm HF, 1x 6" MF
Frequency Response (-3dB)	280Hz-20kHz
Rated Power	Passive mode:100W
	Bi-amp mode: MF:100W HF:60W
Sensitivity (1W@1m)	Passive mode:106dB
	Bi-amp mode: MF:106dB HF :112dB
Maximum SPL	Passive mode: 126dB/132dB(peak)
	Bi-amp mode:MF:126dB/132dB(peak), HF :126dB/132dB(peak)
Crossover	2kHz-2.5 kHz
Rated impedance	Passive mode: 8Ω, Bi-amp mode:MF:8Ω HF:8Ω
Dispersion(H X V)	TH306H/64: 60°x 40°, TH306H/94: 90°x 40°
Connector	1 x NL 8 + 8-screw terminal
Dimensions (W x D x H)	520mm x 520mm x 520mm
Packaging Dimensions (1 piece/pack)	630mm x 630mm x 640mm
Net Weight	25kg
Gross Weight	37kg



Product Description:

TH Series is designed for permanent installation within medium to large theatre venue sound reinforcement system applications, the outstanding mid/high performance ensures clean, clear and natural sound throughout the listening environment, even at high SPL.

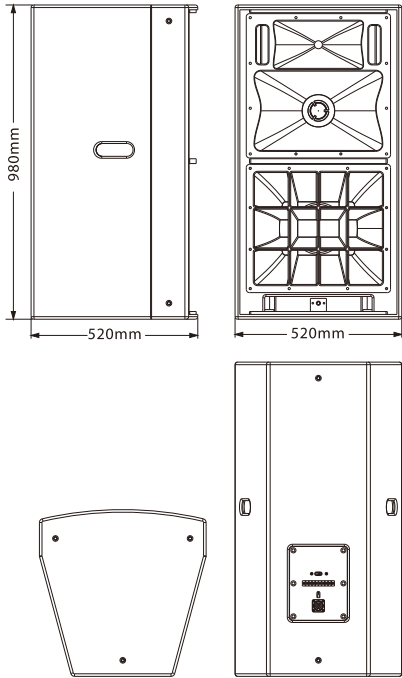
Key Features and Benefits:

- High SPL and High Sensitivity three way full range system
- 1x6" MF 1x1.75" HF compressed driver,1X15" LF
- High strength cabinet structure
- Powder coated grill
- Computer aided design to optimize frequency and phase response
- Durable Polyurethane textured bas paint
- Suitable for theatre ,television studio, multi-functional room and performance studio



System specification:

Construction	plywood
Transducers	1x 15" LF, 1x 6" MF,1x 44mm HF
Frequency Response (-3dB)	60Hz-20kHz
Rated Power	LF:400W, MF:120W, HF:50W
Sensitivity (1W@1m)	Bi-amp mode: LF:100dB, MF/HF :108dB
	Tri-amp mode: LF:100dB, MF:108dB, HF :110dB
Maximum SPL	Bi-amp mode: LF:124dB/130dB(peak), MF/HF:122dB/128dB(peak)
	Tri-amp mode:LF:124dB/130dB(peak), MF:126dB/132dB(peak), HF :128dB/134dB(peak)
Crossover	Bi-amp mode: 300Hz-400Hz, Tri-amp mode:LF/MF:300Hz-400Hz MF/HF:2kHz-3kHz
Rated impedance	Bi-amp mode: LF:8Ω MF/HF:8Ω, Tri-amp mode:LF:8Ω MF:8Ω HF:8Ω
Dispersion(H X V)	TH306H/64: 60°x 40°, TH306H/94: 90°x 40°
Connector	1 x NL 8 + 8-screw terminal
Dimensions (W x D x H)	520mm x 520mm x 980mm
Packaging Dimensions (1 piece/pack)	630mm x 630mm x 1100mm
Net Weight	49.5kg
Gross Weight	53.5kg





# COLUMN SERIES

## Compact Full Range Column Speaker

The Beta Three® Column Series are constructed of premium birch plywood and these specialty speakers have been created for applications where critical placement and pattern control is required.

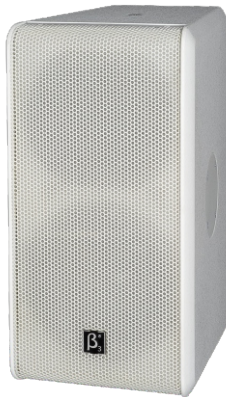
- T106
- T108
- T205
- T4.4
- T4.6
- T4.8
- MU401
- MU401a
- MU404
- MU404a
- MU408
- MU408a

## Product Description:

Installed array column loudspeakers used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The T series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

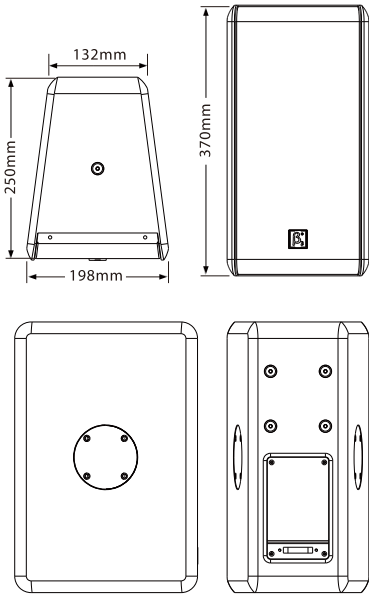
## Key Features and Benefits:

- Frequency response 80Hz-16KHz (-3dB)
- Sensitivity 92dB, Max SPL 110dB
- 120 x 120 degree controlled coverage pattern
- Birch plywood construction
- Durable Polyurethane textured base paint
- Quick install U bracket included multiple mounting points provided
- Designed for high speech intelligibility and natural sounding music
- Optional T106 hanging hardware



## System specification:

Construction	15mm birch plywood
Transducers	1 x 1"HF, 1 x 6.5"LF
Frequency Response(-3dB)	80Hz-16KHz(-3dB)
Rated Power	70W (RMS)
Dispersion (H x V)	120° x 120°
Sensitivity (1W@1m)	92dB
Maximum SPL	110dB/116dB (peak)
Rated impedance	8Ω
Hanging points	8x M8
Connector	4-screw terminal
Dimension (W x H x D)	198 x 370 x 250mm
Package dimension (W x H x D)	325 x 275 x 450mm
Net Weight (1 piece/pack)	6.5kg
Gross Weight (1 piece/pack)	7.0kg





Product Description:

Installed array column loudspeakers used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The T series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

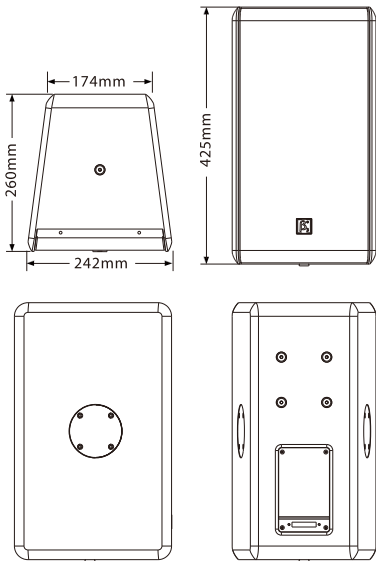
Key Features and Benefits:

- Frequency response 70Hz-17KHz (-3dB)
- Sensitivity 94dB, Max SPL 113dB
- 100 x 100 degree controlled coverage pattern
- Birch plywood construction
- Durable Polyurethane textured base paint
- Quick install U bracket included multiple mounting points provided
- Designed for high speech intelligibility and natural sounding music
- Optional T108 hanging hardware



System specification:

Construction	15mm birch plywood
Transducers	1 x 1" HF, 1 x 8" LF
Frequency Response(-3dB)	70-17KHz (-3dB)
Rated Power	80W (RMS)
Dispersion (H x V)	100° x 100°
Sensitivity (1W@1m)	94dB
Maximum SPL	113dB/119dB (peak)
Rated impedance	8Ω
Crossover point	2.5KHz
Hanging points	8x M8
Connector	4-screw terminal
Dimension (W x H x D)	260 x 425 x 242mm
Package dimension (W x H x D)	335 x 505 x 310mm
Net Weight (1piece/pack)	8.5kg
Gross Weight (1piece/pack)	9.5kg



Product Description:

Installed array column loudspeakers used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The T series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

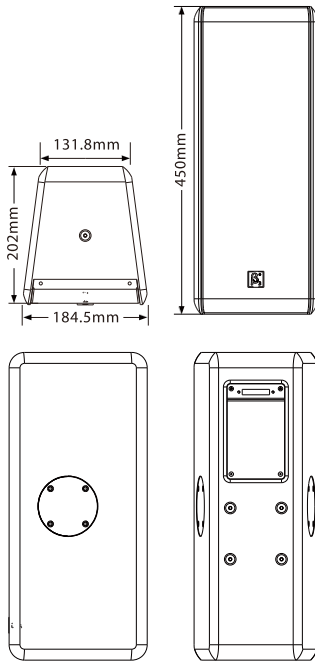
Key Features and Benefits:

- Frequency response 90Hz-19KHz (-3dB)
- Sensitivity 94dB, Max SPL 111dB
- 90 x 30 degree controlled coverage pattern
- Birch plywood construction
- Durable Polyurethane textured base paint
- Quick install U bracket included multiple mounting points provided
- Designed for high speech intelligibility and natural sounding music
- Optional T205 hanging hardware



System specification:

Construction	15mm birch plywood
Transducers	1 x 1" HF, 2 x 5" LF
Frequency Response() -3dB	90-19KHz (-3dB)
Rated Power	50W (RMS)
Dispersion (H x V)	90° x 30°
Sensitivity (1W@1m)	94dB
Maximum SPL	111dB/117dB (peak)
Rated impedance	16Ω
Crossover point	3.8KHz
Hanging points	8x M8
Connector	4-screw terminal
Dimension (W x H x D)	185 x 450 x 202mm
Package dimension (W x H x D)	250 x 530 x 275mm
Net Weight (1 piece/pack)	6.5kg
Gross Weight (1piece/pack)	7.5kg



Product Description:

Installed line array column loudspeakers used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The T Series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

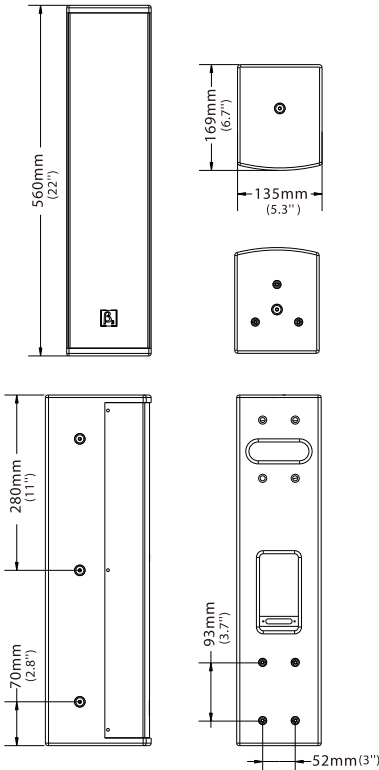
Key Features and Benefits:

- Vertical line array of 4 x 4" full range transducers
- High fidelity sound
- Passive configuration
- 180° x 30° controlled coverage pattern
- Designed for high speech intelligibility and natural sounding music
- Suitable for use as a main system with or without sub speaker augmentation
- Quick install U bracket included with multiple mounting points provided
- Permanent installation (wall, ceiling, under balcony) or Portable system (stand adaptor included)
- Powder coated grill
- Durable Polyurethane textured base paint
- Available in either black or white
- 1 x NL4 conenctor included in packaging
- Optional 100/70V 100W transformer
- Optional mounting hardware



System specification:

Construction	15mm birch plywood
Transducers	4 x 4"
Frequency Response (-3dB)	90Hz-16kHz
Rated Power	120W (RMS)
Sensitivity (1W@1m)	92dB
Maximum SPL	113dB/119dB (Peak)
Rated impedance	8Ω
Dispersion (H x V)	180° x 30°
Connector	4-screw Terminal and 1 x NI4
Dimension (W x H x D)	135mm (5.3") x 169mm (6.7") x 560mm (22.1")
Package dimension (1 piece/pack)	240mm (9.5") x 205mm (8.1") x 660mm (26")
Net Weight (1piece/pack)	6.5kg (14.3lb)
Gross Weight (1piece/pack)	7kg (15.4lb)



Product Description:

Installed line array column loudspeakers used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The T Series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

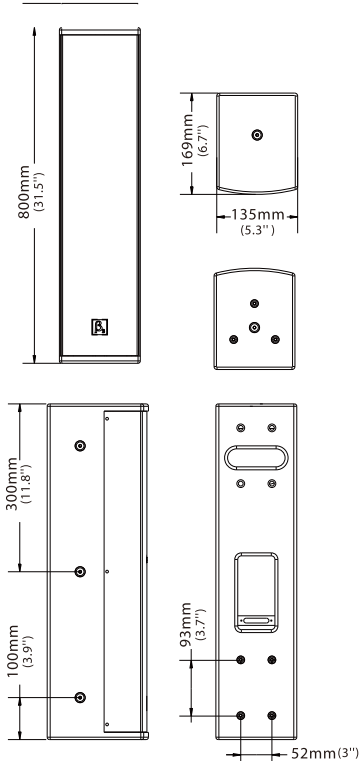
Key Features and Benefits:

- Vertical line array of 6 x 4" full range transducers
- High fidelity sound
- Passive configuration
- 180° x 30° controlled coverage pattern
- Designed for high speech intelligibility and natural sounding music
- Suitable for use as a main system with or without sub speaker augmentation
- Quick install U bracket included with multiple mounting points provided
- Permanent installation (wall, ceiling, under balcony) or Portable system (stand adaptor included)
- Powder coated grill
- Durable Polyurethane textured base paint
- Available in either black or white
- 1 x NL4 conenctor included in packaging
- Optional 100/70V 100W transformer



System specification:

Construction	15mm birch plywood
Transducers	6 x 4"
Frequency Response (-3dB)	90Hz-16kHz
Rated Power	180W (RMS)
Sensitivity (1W@1m)	92dB
Maximum SPL	115dB/121dB (Peak)
Rated impedance	8Ω
Dispersion (H x V)	180° x 25°
Connector	4-screw Terminal and 1 x NI4
Dimension (W x H x D)	135mm (5.3") x 169mm (6.7") x 800mm (31.5")
Package dimension (1 piece/pack)	240mm (9.5") x 205mm (8.1") x 900mm (35.4")
Net Weight (1 piece/pack)	9kg (19.8lb)
Gross Weight (1 piece/pack)	10kg (22lb)



Product Description:

Installed line array column loudspeakers used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The T Series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

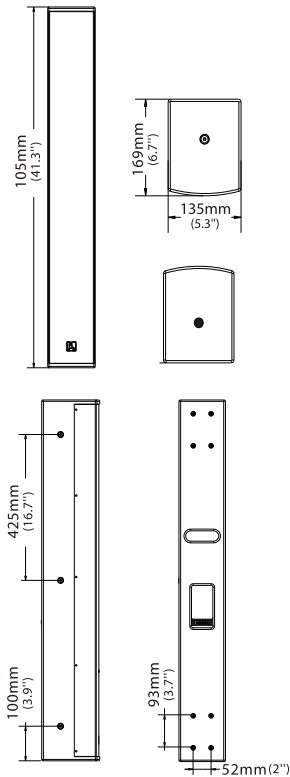
Key Features and Benefits:

- Vertical line array of 8 x 4" full range transducers
- High fidelity sound
- Passive configuration
- 180° x 30° controlled coverage pattern
- Designed for high speech intelligibility and natural sounding music
- Suitable for use as a main system with or without sub speaker augmentation
- Quick install U bracket included with multiple mounting points provided
- Permanent installation
- Powder coated grill
- Durable Polyurethane textured base paint
- Available in either black or white
- 1 x NL4 conenctor included in packaging
- Optional 100/70V 100W transformer
- Optional mounting hardware for coupling speakers together
- Stackable where additional long throws are required



System specification:

Construction	15mm birch plywood
Transducers	8 x 4"
Frequency Response (-3dB)	90Hz-15kHz
Rated Power	240W (RMS)
Sensitivity (1W@1m)	92dB
Maximum SPL	116dB/122dB (Peak)
Rated impedance	4Ω
Dispersion (H x V)	180° x 30°
Connector	4-screw Terminal and 1 x NL4
Dimension (W x H x D)	135mm (5.3" ) x 169mm (6.7" ) x 1050mm (41.3" )
Package dimension (1 piece/pack)	240mm (9.5" ) x 205mm (8.1" ) x 1150mm (45.3" )
Net Weight (1piece/pack)	12kg (26.4lb)
Gross Weight (1piece/pack)	13kg (28.6lb)



Product Description:

MU401 installed column loudspeakers are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The MU series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

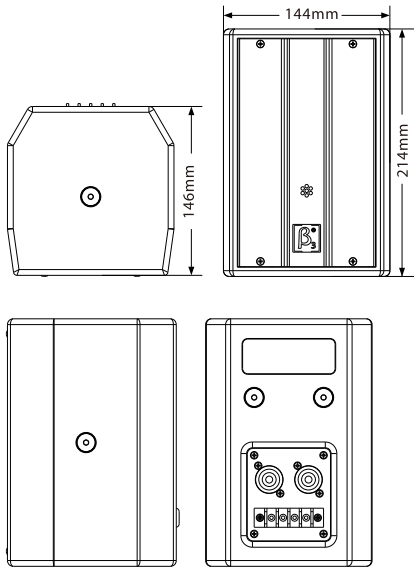
Key Features and Benefits:

- Frequency response (-3dB) 100Hz-20kHz
- Sensitivity 87dB, Maximum SPL 100dB
- Dispersion(H x V) 90° x 90°
- Rated Power 20W(RMS), 80W(Peak)
- Birch Plywood Construction
- Durable Polyurethane textured base paint
- Quick install U bracket included with multiple mounting points provided
- Designed for high speech intelligibility and natural sounding music
- Optional MU401 hanging hardware



System specification:

Construction	15mm birch plywood
Transducers	1 x 25mm HF, 1 x 4" LF
Frequency Response (-3dB)	100Hz-20kHz
Rated Power	20W(RMS)
Dispersion(H x V)	220 °x 150°
Sensitivity (1W@1m)	87dB
Maximum SPL	100dB/106dB(Peak)
Rated impedance	8Ω
Crossover	3.8kHz
Hanging points	6 x M8
Connector	4-screw terminal
Dimension (W x H x D)	144 x 214 x 146mm
Package dimension (W x H x D)	195 x 276 x 195mm
Net Weight (1 piece/pack)	3kg
Gross Weight (1piece/pack)	4kg







# MU401a

### Product Description:

MU401a active installed column loudspeakers are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The MU series delivers extraordinary performance where highspeech intelligibility and natural sounding music is required at unmatched value.

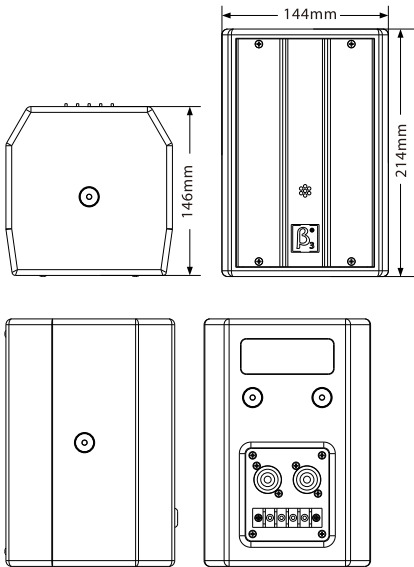
### Key Features and Benefits:

- Active speaker with 4" woofers and 1" tweete
- New generation Class-D amplification for MF / LF, Class-AB for HF
- Frequency response (-3dB) 100Hz-20kHz
- Sensitivity 87dB, Maximum SPL 100dB
- Dispersion(H x V) 90° x 90°
- Rated Power 50W(RMS)
- Birch Plywood Construction
- Durable Polyurethane textured base paint
- Quick install U bracket included with multiple mounting points provided
- Designed for high speech intelligibility and natural sounding music
- Optional Mu401a hanging hardware
- Dedicated STAND-BY switching mode for green energy saving



### System specification:

System	Active 2-way full-range box with built-in crossover
Speakers	1 x 25mm HF, 1 x 4" LF
Amplifier output	50W
Impedance	8Ω
Max SPL	100dB/106 dB(peak)
Frequency response	100 Hz - 20 kHz
Dispersion(H x V)	90° x 90°
Dimensions (W × D × H)	144 mm × 146 mm × 214 mm
Packing dimension (W × D × H)	195 mm × 195 mm × 276 mm
Net Weigh	3kg
Gross Weight	4kg



# MU404

### Product Description:

MU404 installed line array column loudspeakers are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The T series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

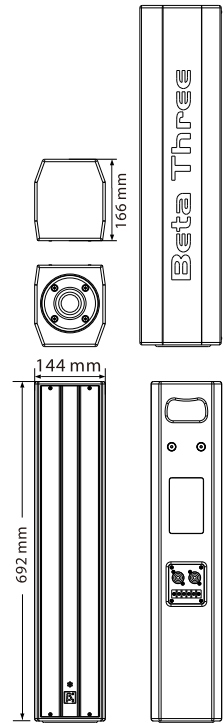
### Key Features and Benefits:

- Vertical line array of 4 x 4" LF driver
- 44mm compression driver loaded with wave guide
- Frequency response 160Hz-20KHz (-3dB)
- Sensitivity 88dB, Max SPL 109dB
- 150 x 30 degree controlled coverage pattern
- Birch plywood construction
- Durable Polyurethane textured base paint
- Quick install U bracket included with multiple mounting points provided
- Designed for high speech intelligibility and natural sounding music
- Optional MU404 hanging hardware



### System specification:

Construction	15mm birch plywood
Transducers	1 x 44mm HF, 4 x 4" LF
Frequency Response (-3dB)	160-20KHz
Rated Power	120W (RMS)
Dispersion(H x V)	150 °×150°
Sensitivity (1W@1m)	88dB
Maximum SPL	109dB/115dB(Peak)
Rated impedance	8Ω
Crossover	3kHz
Hanging points	2 x M8
Connector	4-screw terminal
Dimension (W x H x D)	144 x 692 x 166mm
Package dimension (W x H x D)	215 x 772 x 235mm
Net Weight (1piece/pack)	10kg
Gross Weight (1piece/pack)	11kg







# MU404a

### Product Description:

MU404a active installed line array column loudspeakers are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The MU series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

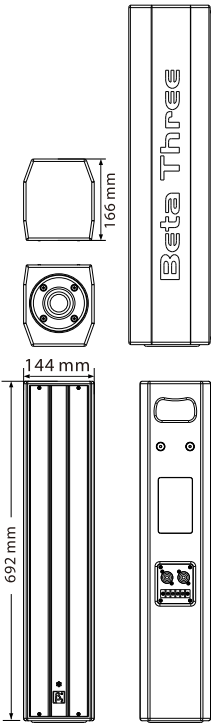
### Key Features and Benefits:

- 4x4" high power transducer plus 1.75" compression driver.
- New generation Class-D amplification for MF / LF, Class-AB for HF
- Vertical line array of 4 x 4" LF driver
- 44mm compression driver loaded with wave guide
- Frequency response 160Hz-20KHz (-3dB)
- Sensitivity 88dB, Max SPL 109dB
- 150 x 30 degree controlled coverage pattern
- Birch plywood construction
- Durable Polyurethane textured base paint
- Quick install U bracket included with multiple mounting points provided
- Designed for high speech intelligibility and natural sounding music
- Optional Mu404a hanging hardware
- Master volume control, with different signal indicators on real panel.
- Multiple hanging points, standard pole mount socket and optional hanging accessory



### System specification:

Speakers	1 x 44mm HF, 4 x 4" LF
Amplifier output	200W
Impedance	8 Ω
Max SPL	109dB/ 115 dB(peak)
Frequency response	160 Hz - 20kHz
Dispersion angle (H × V)	150° x 30°
Dimension (W x H x D)	144 x 692 x 166mm
Package dimension (W x H x D)	215 x 772 x 235mm
Net Weight (1piece/pack)	10kg
Gross Weight (1piece/pack)	11kg



# MU408

### Product Description:

MU408 installed line array column loudspeakers are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and shopping malls etc. The T series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

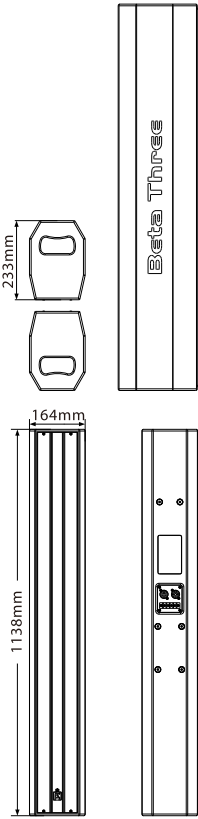
### Key Features and Benefits:

- Vertical line array of 8 x 4" LF driver
- 44mm compression driver loaded with wave guide
- Frequency response 80Hz-18KHz (-3dB)
- Sensitivity 92dB, Max SPL 116dB
- 150 x 30 degree controlled coverage pattern
- Birch plywood construction
- Durable Polyurethane textured base paint
- Quick install U bracket included with multiple mounting points provided
- Designed for high speech intelligibility and natural sounding music
- Optional MU408 hanging hardware



### System specification:

Construction	15mm birch plywood
Transducers	1 x 44mm HF, 8 x 4" LF
Frequency Response (-3dB)	80-18KHz
Rated Power	240W (RMS)
Dispersion(H x V)	150° x 30°
Sensitivity (1W@1m)	92dB
Maximum SPL	116dB/122dB (peak)
Rated impedance	8Ω
Crossover	2kHz
Hanging points	6 x M8
Connector	4-screw terminal
Dimension (W x H x D)	164 x 1138 x 233mm
Package dimension (W x H x D)	305 x 1240 x 243mm
Net Weight (1 piece/pack)	16.7kg
Gross Weight (1piece/pack)	18.2kg



Product Description:

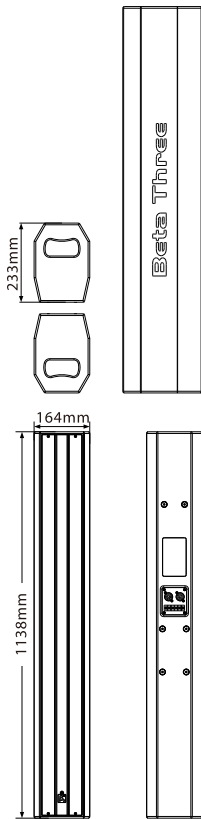
MU404a active installed line array column loudspeakers are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Transit Terminals and Shopping Malls etc. The MU series delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

Key Features and Benefits:

- 8x4 high power transducer plus 1.75 compressiondriver.
- New generation Class-D amplification for MF / LF, Class-AB for HF
- Vertical line array of 8 x 4" LF driver
- 44mm compression driver loaded with wave guide
- Frequency response 80Hz-18KHz (-3dB)
- Sensitivity 92dB, Max SPL 116dB
- 150 x 30 degree controlled coverage pattern
- Birch plywood construction
- Durable Polyurethane textured base paint
- Quick install U bracket included with multiple mounting points provided
- Designed for high speech intelligibility and natural sounding music
- Optional Mu408a hanging hardware
- Master volume control, with different signal indicators on real panel.
- Multiple hanging points, standard pole mount socket and optional hanging accessory

System specification:

Construction	15mm birch plywood
Transducers	1 x 44mm HF, 8 x 4" LF
Frequency Response (-3dB)	80Hz-18kHz
Amplifier Power	400W
Amplifier Type	Class H/AB
Maximum SPL (1W @ 1m)	116dB/122dB (Peak)
Input Impedance	20kohm balanced input,10kohm unbalanced input
Rated Impedance	8Ω
Dispersion (H x V)	150° x30°
Connector	XLR for input, XLR for output
Power Supply	AC 220V-240V~, 50/60Hz (or AC110V-120V~, 50-60Hz)
Dimensions (W x D x H)	164mm x 233mm x 1138mm
Packaging Dimensions (1 piece/pack)	305mm x 243mmx1240mm
Net Weight (1 piece/pack)	20.3kg
Gross Weight (1 piece/pack)	21.8kg



LINE ARRAY SERIES

Line Array System

The Beta Three® Line Array Series speakers have been designed and engineered to European standards. Constructed of premium birch plywood they offer high output with a smooth frequency response in professional portable or installed applications.

- TLA-101
- TLB-101
- TLA-101F
- TLB-101F
- TLA-121
- TLB-121
- TLA-121F
- TLB-121F
- TLB-218F
- TLA21S
- SLA10H
- SLA212B
- SLA10HA
- SLA212BA
- VR110
- VR118SUBa



LINE ARRAY SERIES

# TLA101

10" Two Way Line Array Speaker

### Product Description:

The medium to large sized line array loudspeaker are used in applications including sound reinforcement for Houses of Worship, Events, Indoor Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. Excellent for live, rental and portable sound reinforcement applications. The TLA Series line array loudspeaker delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

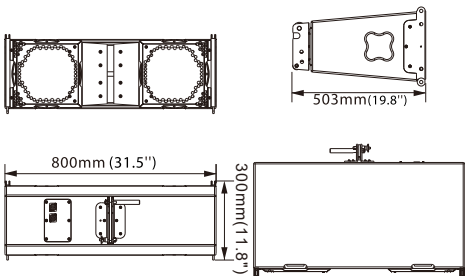
### Key Features and Benefits:

- High output SPL and sensitivity
- 2 x 10" high power Neodymium transducers
- 2 x 1.7" Neodymium HF compression driver
- Bi-amp configuration
- Patented waveguide design
- 120° x 30° coverage pattern
- 2 x NL4 connectors
- Computer aided design to optimise frequency and phase response
- Cabinet design for FOH use
- Suitable for use as a main system with or without sub speaker augmentation
- 12 x TLA101 can be arrayed in a single vertical column
- Trapezoidal cabinet with integrated flywear and locking pins makes ssembly and disassembly easy
- Rigging allows adjustment from 0°-5° in 1° increments
- Powder coated grill
- Can be arrayed with TLB101
- Durable Polyurethane textured base paint
- For optimum performance use with a Beta Three® a digital speaker anagement processor



### System specification:

Construction	15mm Birch Plywood
Transducers	2 x 1.7" HF Compression Driver + 2 x 10" LF
Frequency Response (-3dB)	1 kHz-19kHz HF, 100Hz-4kHz LF
Rated Power	70W(RMS)HF,400W(RMS)LF
Sensitivity (1W @ 1m)	110dB HF, 104dB LF
Maximum SPL	HF:128dB/134dB(Peak), LF130dB/136dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V )	120° x 30°
Connector	NL 4 x2
Dimensions (W x D x H)	800mm(31.5") x 503mm(19.8") x 300mm(11.8")
Packaging Dimensions (1 piece/pack)	890mm(35.1") x 585mm(23.1") x 390mm(15.4")
Net Weight (1 piece/pack)	22.5kb(49.5lb)
Gross Weight (1 piece/pack)	25.5kg(56.1lb)



LINE ARRAY SERIES

# TLB101

Dual 12" Subwoofer

### Product Description:

The Beta Three® TLB-101 subwoofer line array loudspeaker that can be used in applications including sound reinforcement for Houses of Worship, Events, Indoor Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. These are excellent for live, rental and portable sound reinforcement applications. The TLB Series line array loudspeaker delivers extraordinary performance and natural sounding music is required at unmatched value.

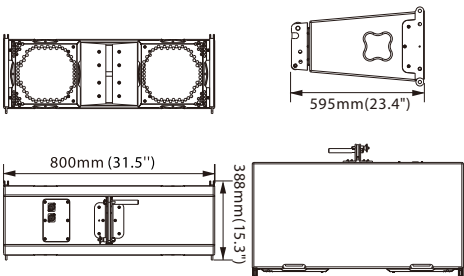
### Key Features and Benefits:

- High SPL and sensitivity
- Dual 12" ferrite low frequency transducer
- 2xNL4 connectors
- Trapezoidal cabinet with integrated flywear and locking pins
- Stainless steel grill
- Combine with Beta three ® line array TLA101F series high power speaker for extended full range frequency, high quality music reproduction.
- Computer aided design to optimize frequency and phase response
- Rigging allows adjustment from 0°- 5°in 1°increment
- Cabinet constructed by Russian outdoor plywood
- Durable weatherproof polyurethane textured base paint
- All terminals are weatherproof



### System specification:

Construction	18mm Russian Birch Plywood
Transducers	2 x 12" LF
Frequency Response (-3dB)	40Hz-250Hz
Rated Power	800W(RMS)
Sensitivity (1W @ 1m)	100dB
Maximum SPL	129dB/135dB(Peak)
Rated Impedance	4Ω
Connector	NL 4 x2
Dimensions (W x D x H)	800mm x 595mm x 388mm
Packaging Dimensions (1 piece/pack)	935mm x 560mm x 815mm
Net Weight (1 piece/pack)	45.5kg
Gross Weight (1 piece/pack)	49.5kg







# TLA101F

## Product Description:

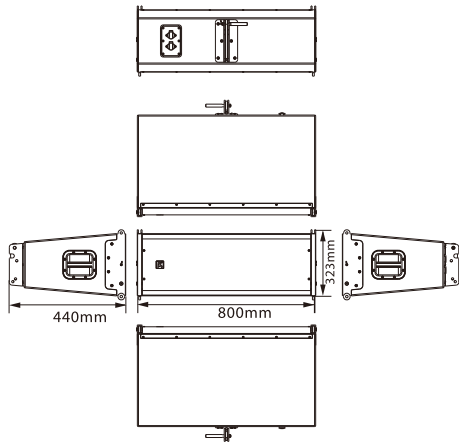
The medium to large sized weatherproof line array loudspeaker used in applications including sound reinforcement for Houses of Worship, Events, Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. Excellent for live, rental and portable outdoor sound reinforcement applications. The TLA Series line array loudspeaker delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

## Key Features and Benefits:

- 2x10" high power Neodymium transducers
- 2x1.7" Neodymium HF compression driver
- Bi-amp configuration
- HF 90° x 20° , LF 110° x 90° coverage pattern
- 2xNL4 connectors
- Trapezoidal cabinet with integrated flywear and locking pins makes assembly and disassembly easy
- Stainless steel grill
- Computer aided design to optimize frequency and phase response
- Can be arrayed with TLB 101F
- Rigging allows adjustment from 0°- 5° in 1° increments
- Cabinet constructed using Russian outdoor plywood
- Durable weatherproof polyurethane textured base paint
- All terminals are weatherproof
- Cabinet construction and parts to international IP46 standard
- For optimum performance use with a Beta Three® digital speaker management processor

## System specification:

Construction	15mm Russian Birch Plywood
Transducers	2 x 1.7" HF + 2 x 10" LF
Frequency Response (-3dB)	1kHz-16kHz HF, 60Hz-4kHz LF
Rated Power	140W (RMS) HF, 400W (RMS) LF
Sensitivity (1W @ 1m)	110dB HF, 100dB LF
Rated Impedance	8Ω HF, 8Ω LF
Dispersion (H x V)	HF : 90° x 20°, LF : 110° x 90°
Connector	2 x NL 4 waterprof connectors
Dimensions (W x D x H)	800mmx 440mm x 323mm
Packaging Dimensions (1 piece/pack)	920mm x 585mmx 430mm
Net Weight (1 piece/pack)	26.5kg
Gross Weight (1 piece/pack)	29.5kg



# TLB101F

## Product Description:

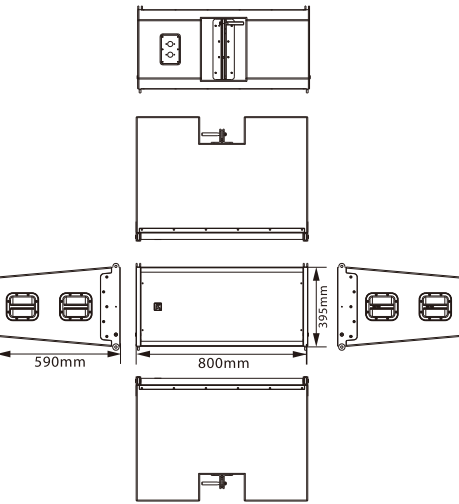
The TLB Series weatherproof Subwoofer loudspeaker utilises high power low frequency drivers with a structurally solid enclosure. The TLB Series weatherproof subwoofer loudspeaker delivers extended low frequency bandwidth with excellent punch. Suitable for applications including sound reinforcement for Houses of Worship, Events, Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. Excellent for live, rental and portable outdoor sound reinforcement applications.

## Key Features and Benefits:

- High SPL and sensitivity
- Dual 12" ferrite low frequency transducer
- 2 xNL4 connectors
- Trapezoidal cabinet with integrated flywear and locking pins
- Stainless steel grill
- Combine with Beta Three® line array TLA101F series high power speaker for extended full range frequency, high quality music reproduction.
- Computer aided design to optimize frequency and phase response
- Rigging allows adjustment from 0°- 5° in 1° increments
- Cabinet constructed using Russian outdoor plywood
- Durable weatherproof polyurethane textured base paint
- All terminals are weatherproof
- Cabinet construction and parts to international IP46 standard

## System specification:

Construction	18mm Russian Birch Plywood
Transducers	2 x 12" LF
Frequency Response (-3dB)	45Hz-500Hz
Rated Power	800W (RMS)
Sensitivity (1W @ 1m)	99dB
Maximum SPL	121dB/127dB (Peak)
Rated Impedance	4Ω
Dispersion (H x V)	HF100° x 70°, LF30° x 80°
Connector	2 x NL4 waterproof connector
Dimensions (W x D x H)	800mm x 590mm x 395mm
Packaging Dimensions (1 piece/pack)	940mm x 710mm x 510mm
Net Weight (1 piece/pack)	46.5kg
Gross Weight (1 piece/pack)	49.5kg







# TLA121

### Product Description:

The TLA series high SPL line array speakers used in applications including sound reinforcement for Houses of Worship, Events, Indoor Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. Excellent for live, rental and portable sound reinforcement applications. The TLA series line array loudspeaker delivers extraordinary performance where high SPL, high speech intelligibility and natural sound music is required at unmatched value.

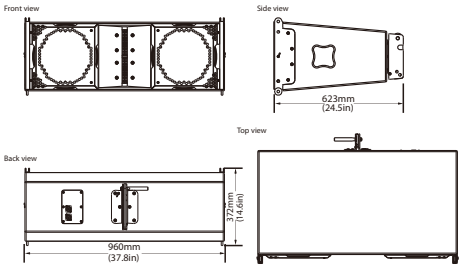
### Key Features and Benefits:

- High output SPL and sensitivity
- 2 x 12" high power Neodymium transducers
- 2 x 3" Neodymium compression drivers
- Bi-amp configuration
- Patented waveguide design
- 110° x 80° HF and 30° x 90° LF coverage pattern
- 2 x NL4 connectors
- Computer aided design to optimise frequency and phase response
- Cabinet design for FOH use
- Suitable for use as a main system with or without sub speaker augmentation
- 12 x TLA121 can be arrayed in a single vertical column
- Trapezoidal cabinet with with integrated flywear and locking pins makes assembly and disassembly easy
- Rigging allows adjustment from 0° -10° in 1° increments
- Powder coated grill
- Durable Polyurethane textured base paint
- For optimum performance use with a Beta Three® digital speaker management processor



### System specification:

Construction	15mm Birch Plywood
Transducers	2 x 3" Compression Driver HF + 2 x 12" LF
Frequency Response (-3dB)	900Hz-15kHz HF. 90Hz-4kHz LF
Rated Power	HF: 100W (RMS), LF: 500W (RMS)
Sensitivity (1W @ 1m)	110dB HF, 102dB LF
Maximum SPL	134dB/140dB HF (Peak), 131/137dB LF (Peak)
Rated Impedance	8Ω HF, 8Ω LF
Dispersion (H x V)	110°x80° HF; 30°x90°LF
Dimensions (W x D x H)	960mm (37.8")x 623mm (14")x 372mm (14.7")
Packaging Dimensions (1 piece/pack)	700mm(27.6")x1080mm(42.5")x440mm(17.3")
Net Weight (1 piece/pack)	37kg (81.4lb)
Gross Weight (1 piece/pack)	43kg (94.6lb)



# TLB121

### Product Description:

The Beta Three® TLB-121 is a medium to large sized weatherproof line array loudspeaker that can be used in applications including sound reinforcement for Houses of Worship, Events, Indoor Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. These are excellent for live, rental and portable sound reinforcement applications.

### Key Features and Benefits:

- Weatherproof(IP46)
- High SPL and sensitivity
- 2× 15" ferrite low frequency transducer
- 2×NL4 connectors
- Trapezoidal cabinet with integrated flywear and locking pins
- Stainless steel grill
- Combine with Bate three ® line array TLA121F series high power speaker for extended full range frequency, high quality music reproduction.
- Computer aided design to optimize frequency and phase response
- Rigging allows adjustment from 0°- 5°in 1°increment
- Cabinet constructed by Russian outdoor plywood
- Durable weatherproof polyurethane textured base paint
- All terminals are weatherproof



### System Specifications:

Construction	18mm Plywood
Transducers	2 x 15" Subwoofer
Frequency Response (-3dB)	40Hz-500kHz
Rated Power	900W (RMS)
Maximum SPL	122dB /128dB(Peak)
Rated Impedance	4Ω
Connector	2 x NL 4 @ 1 + 2-
Dimensions (W x D x H)	965mm x 488mm x 700mm
Packaging Dimensions (1 piece/pack)	1105mm x 570mm x 830mm
Net Weight (1 piece/pack)	66.5kg
Gross Weight (1 piece/pack)	75.0kg



# TLA121F

### Product Description:

The medium to large sized weatherproof line array loudspeaker used in applications including sound reinforcement for Houses of Worship, Events, Indoor Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. Excellent for live, rental and portable outdoor sound reinforcement applications. The TLA Series line array loudspeaker delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

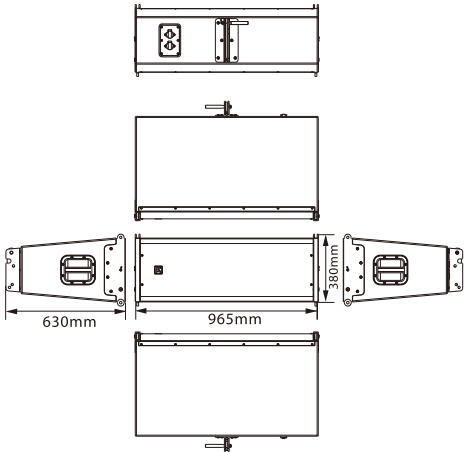


### Key Features and Benefits:

- High output SPL and sensitivity
- 2x3" Neodymium Compression driver
- 2x12" high power Neodymium woofer
- Patented waveguide design
- Dispersion HF 110°x80°, LF 30°x90°
- Trapezoidal cabinet with integrated fly wear and locking pins makes assembly and disassembly easy
- Stainless steel grill
- Computer aided design to optimize frequency and phase response
- Cabinet design for FOH use
- Rigging allows adjustment from 0° - 10° in 1° increments
- Cabinet constructed using Russian outdoor plywood
- Durable weatherproof polyurethane textured base paint
- All terminals are weatherproof
- Cabinet construction and parts to international IP46 standard
- For optimum performance use with a Beta Three digital speaker management processor

### System specification:

Construction	15mm Russian Birch Plywood
Transducers	2x3" HF + 2x12" LF
Frequency Response (-3dB)	HF 900Hz-16 kHz , LF 50Hz-4 kHz
Power	LF: 500W, HF: 100W (RMS) /LF: 1000W, HF: 200W (MUSIC) /LF: 2000W, HF: 400W (PEAK)
Sensitivity (1W @ 1m)	LF: 102dB, HF: 110dB
Maximum SPL	LF: 126dB /132dB (PEAK) /HF: 130dB /136 dB (PEAK)
Rated Impedance	LF: 8 Ohms, HF: 8 Ohms
Dispersion (H x V)	LF : 30°x 90°, HF: 110°x80°
Recommended Crossover Point	1.6kHz-2.5kHz
Connector	2x NL4 Waterproof connector
Installation	Appropriate frame with3/4" shackle
Dimensions (W x D x H)	965x380x630mm(38.0x15.0x24.8in)
Packaging Dimensions(W x D x H)	1080x440x700mm (42.5x17.3x27.6in)
Net Weight	41kg
Gross Weight	46.5kg (94.6lb)



# TLB121F

### Product Description:

The TLB Series weatherproof Subwoofer loudspeaker utilises high power low frequency drivers with a structurally solid enclosure. The TLB Series weatherproof subwoofer loudspeaker delivers extended low frequency bandwidth with excellent punch. Suitable for applications including sound reinforcement for Houses of Worship, Events, Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. Excellent for live, rental and portable outdoor sound reinforcement applications.

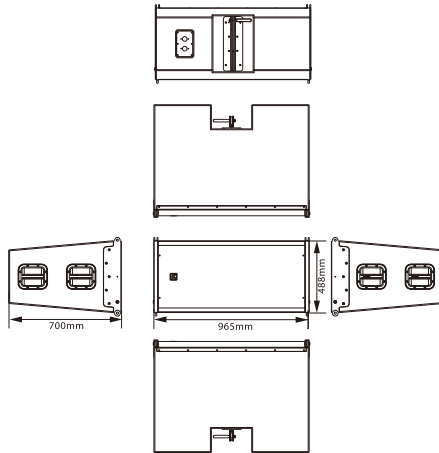


### Key Features and Benefits:

- High SPL and sensitivity
- 2x 15" ferrite low frequency transducer
- 2xNL4 connectors
- Trapezoidal cabinet with integrated flywear and locking pins
- Stainless steel grill
- Combine with Beta Three® line array TLA121F series high power speaker for extended full range frequency, high quality music reproduction.
- Computer aided design to optimize frequency and phase response
- Rigging allows adjustment from 0° - 5° in 1° increments
- Cabinet constructed using Russian outdoor plywood
- Durable weatherproof polyurethane textured base paint
- All terminals are weatherproof
- Cabinet construction and parts to international IP46 standard

### System specification:

Construction	18mm Russian Birch Plywood
Transducers	2x15" LF
Frequency Response (-3dB)	40Hz-500Hz
Power	900W (RMS)
Sensitivity (1W @ 1m)	97dB
Maximum SPL	122dB/128dB (PEAK)
Rated Impedance	4Ohms
Cabinet	Trapezoidal shape
Installation	Appropriate frame with3/4" shackle
Connector	2x NL4 Waterproof connector
Dimensions (W x D x H)	965x 488x 700 mm (38.0x 19.2x 27.6in)
Packaging Dimensions(W x D x H)	1105x 570x 830 mm (43.5x 22.4x 32.7in)
Net Weight	66.5kg
Gross Weight	75kg



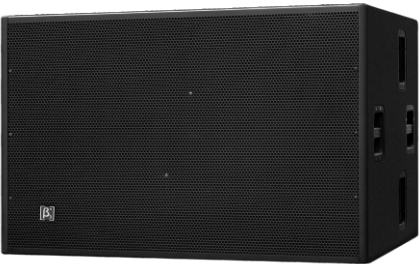


# TLB218F

LINE ARRAY SERIES | 2 x 18" Weatherproof LF Speaker

### Product Description:

The TLB Series weatherproof Subwoofer loudspeaker utilises high power low frequency drivers with a structurally solid enclosure. The TLB Series weatherproof subwoofer loudspeaker delivers extended low frequency bandwidth with excellent punch. Suitable for applications including sound reinforcement for Houses of Worship,Events, Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. Excellent for live, rental and portable outdoor sound reinforcement applications.

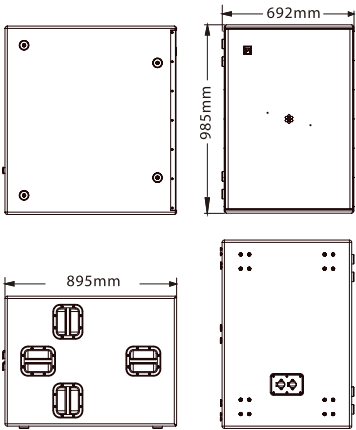


### Key Features and Benefits:

- 2x 18" high efficiency subwoofers with 100mm voice coil
- 2xNL4 connectors
- Trapezoidal cabinet with integrated flywear and locking pins
- Stainless steel grill
- Combine with Beta Three® line array TLA series high power speaker for extended high quality music reproduction.
- Computer aided design to optimize frequency and phase response
- Cabinet constructed using Russian outdoor plywood
- Durable weatherproof polyurethane textured base paint
- All terminals are weatherproof
- Cabinet construction and parts to international IP46 standard

### System specification:

Construction	18mm Russian Birch Plywood
Transducers	2 x 18" LF
Frequency Response (-3dB)	35Hz-500Hz
Rated Power	1000W (RMS)
Sensitivity (1W @ 1m)	102dB
Maximum SPL	127dB/133dB (PEAK)
Rated Impedance	4Ω
Connector	2 x NL4 waterproof connector
Dimensions (W x D x H)	985mm x 895mm x 692mm
Packaging Dimensions (1 piece/pack)	1095mm x 1010mm x 800mm
Net Weight (1 piece/pack)	97kg
Gross Weight (1 piece/pack)	101kg



# TLA21S

LINE ARRAY SERIES | Self-powered Line Array System

### Product Description:

TLA21S line array system consists of four TLA21R(right) or fourTLA21L(left) satellites and a TLB218a powered subwoofer. TLA21R/TLA21L is a compact, high power, light weight unit with 2x1.7" compression drivers and 1x10" woofer. TLB218a is a dual 18" high power subwoofer with two amplifiers, one for driving the subwoofer TLB218a(4500W), the other for driving four satellites(900Wx4).

### Key Features and Benefits:

#### TLA21R/TLA21L

2 x 1.7" HF driver with perfect matching Wave Guide and differential Horn  
1 x 10" high end high power Neodymium LF driver

#### TLB218a

2 x 18" premium drivers  
Two high power amplifiers

#### System

System assembly is simple and fast.  
A flying frame can either be used for flying the satellites or connecting the satellites and subwoofer to make a ground stacking system.



### System Specifications:

Construction	Plywood
Transducers	TLA21R/TLA21L: 2 x 1.7" HF + 1 x 10" LF; TLB218a: 2 x 18" LF
Frequency Response (-3dB)	TLA21R/TLA21L: LF:65Hz-3kHz HF: 1kHz-20kHz; TLB218a: 40Hz-200Hz
Rated Power	4500W+900W x 4 (RMS)
Maximum SPL	TLA21R/TLA21L: LF: 116dB/122dB (peak), HF: 131dB/137dB (peak)TLB218a: 132dB/138dB (peak)
Dispersion (H x V)	120° x 30° (TLA21R/TLA21L)
Connector	TLA21L/TLA21R: 2 x NL 4; TLB218a: 6 x XLR
Dimensions (W x D x H)	TLA21L/TLA21R: 567 x330 x 275 mm,TLB218a: 567 x 1075 x 786 mm
Packaging Dimensions (1 piece/pack)	TLA21L/TLA21R: 485 x375 x 695 mm, TLB218a: 1190 x 900 x 690 mm
Net Weight (1 piece/pack)	TLA21L/TLA21R: 13.3kg, TLB218a: 96kg
Gross Weight (1 piece/pack)	TLA21L/TLA21R: 15.1kg, TLB218a: 101kg





# SLA10H

LINE ARRAY SERIES | Three Way Full Range Line Array speaker

### Product Description:

The SLA series high SPL line array speakers used in applications including sound reinforcement for Houses of Worship, Events, Indoor Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. Excellent for live, rental and portable sound reinforcement applications. The SLA series line array loudspeaker delivers extraordinary performance where high SPL, high speech intelligibility and natural sound music is required at unmatched value.

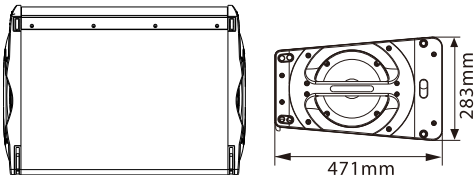


### Key Features and Benefits:

- High SPL output and sensitivity
- 2x8" high power LF transducers
- 2x1.75" compression HF drivers
- 1x10" high power MF transducer
- 2xNL4 connectors
- Cabinet design for FOH use
- Computer aided design to optimise frequency and phase response
- SLF1 flying frame allows maximum 16pcs SLA10H array together vertically
- Durable polyurethane paint
- Suitable for use as a main system with or without sub speaker augmentation
- Rigging allows adjustment from 0°- 10°
- The speaker cabinet include all the flying hardwares
- Can be arrayed with SLA212B

### System specification:

Construction	15mm Birch Plywood
Transducers	2 x 1.75" HF + 2 x 8" LF + 1 x 10" MF
Frequency Response (-3dB)	50Hz-20kHz
Rated Power	LF:160W MF:200W HF:140W
Sensitivity (1W @ 1m)	110dB
Maximum SPL	LF:110dB/116dB(Peak) HF:121dB/127dB(Peak)
Rated Impedance	8Ω
Dispersion (H x V )	40° x 60°
Connector	2 x NL 8
Dimensions (W x D x H)	665mm x 471mm x 283mm
Packaging Dimensions (1 piece/pack)	750mm x 570mm x 385mm
Net Weight (1 piece/pack)	31kg
Gross Weight (1 piece/pack)	33kg



# SLA212B

LINE ARRAY SERIES | 2 x 12" LF speaker

### Product Description:

The SLA series high SPL line array speakers used in applications including sound reinforcement for Houses of Worship, Events, Indoor Stadiums, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. Excellent for live, rental and portable sound reinforcement applications. The SLA series line array loudspeaker delivers extraordinary performance where high SPL, high speech intelligibility and natural sound music is required at unmatched value.

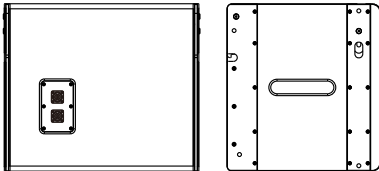
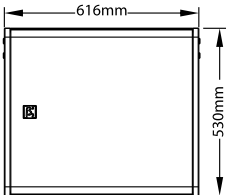


### Key Features and Benefits:

- High out SPL and sensitivity
- 2x12" high power LF transducers
- 2xNL4 connectors
- Computer aided design to optimise frequency and phase response
- Multi-functional LF speaker system, it can be arrayed with SLA10H peakers or arrayed separately
- Durable polyurethane paint
- Rigging allows adjustment from 0° - 5° between SLA212B and SLA10H
- The speaker cabinet include all the flying hardwares
- SLF1 flying frame

### System specification:

Construction	15mm Birch Plywood
Transducers	2 x 12" LF
Frequency Response (-3dB)	55Hz-1k
Rated Power	800W (RMS)
Sensitivity (1W @ 1m)	120dB/126dB
Rated Impedance	4Ω
Connector	2 x NL 4
Dimensions (W x D x H)	616mm x 487mm x 530mm
Packaging Dimensions (1 piece/pack)	716mm x 588mm x 630mm
Net Weight (1 piece/pack)	45.5kg
Gross Weight (1 piece/pack)	49.5kg





Product Description:

The SLA10Ha active 3-way line array module is engineered for small & medium indoors and outdoors events. It comprises two 8" ferrite magnetic sub units, a 10" ferrite magnetic MF unit and dual 1.7" titanium diaphragm HF drivers. SLA10Ha is powered by an onboard 2 x 700W, Powersoft amplifier with DSP which provides, 4 user presets to select modes for different applications.



Key Features and Benefits:

- Extremely compact 10” line array module
- Unique acoustic design for high performance
- Built-in Powersoft amplifier and DSP
- 4 presets stored, Armonía Pro Audio Suite supported
- 3-point rigging system for high accuracy and quick set-up

System Specifications:

Acoustical	
Frequency Response(-3dB)	60Hz-20kHz
Max. SPL	LF: 110/116dB (peak), HF: 121/127dB (peak)
Horizontal Coverage	120°
Vertical Coverage	Varies, depending on array length and configuration
Transducers	2 × 1.7" HF + 1 × 10" MF+2 × 8" LF
Input/Output Section	
Input Connectors	1 × XLR
Output Connectors	1 × XLR
Amplifier / DSP	
Total Power	700W × 2
Amplifier Type	Class D
Cooling	Convection
Power Connector	powerCON
Physical	
Cabinet	15mm Birch Plywood
Finish	Black polyurethane coating
Handles	2 × side handles
Rigging	Rigging frame (0-10° splay angles), quick-release pins
Dimensions(W × D × H)	665 × 417 × 283mm
Net Weight	32.5kg

Product Description:

SLA212Ba is an active dual 12" subwoofer, ideally paired with SLA10Ha for bass reproduction. It is driven by an onboard 1 x 2500W amplifier with high-cut knob.



Key Features and Benefits:

- Extremely compact line array module
- Unique acoustic design for high performance
- Built-in Powersoft amplifier and DSP
- 4 presets stored, Armonía Pro Audio Suite supported
- 3-point rigging system for high accuracy and quick set-up

System Specifications:

Acoustical	
Frequency Response(-3dB)	55Hz-1kHz
Max. SPL	120/126dB (peak)
Transducers	2 × 12" LF
Input/Output Section	
Input Connectors	1× XLR
Output Connectors	2 × XLR
Amplifier / DSP	
Total Power	2500W
Amplifier Type	Class D
Cooling	Convection
Power Connector	powerCON
Physical	
Cabinet	15mm Birch Plywood
Finish	Black polyurethane coating
Handles	2 × side handles
Rigging	Rigging frame (0-10° splay angles), quick-release pins
Dimensions(W × D × H)	665 × 487 × 530mm
Net Weight	44.5kg

Product Description:

Veyron10 is an active array system which combines the simplicity and practicality of aesthetics to deliver high quality sound in a variety of indoor and outdoor environments. It is suitable for small and mediumsized performances, multifunctional halls, auditoriums, theaters, bars, conference halls and other application. It can be assembled quickly and easily into a complete sound reinforcement system with few people in short time.

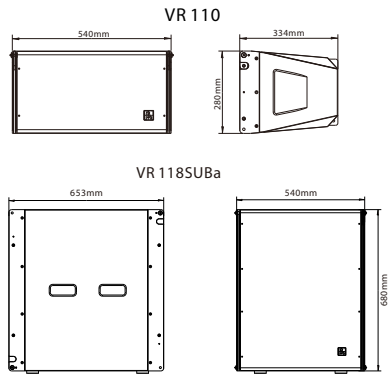
Key Features and Benefits:

- High-quality point source sound system
- Ultra-Precise DSP Processing for High-Definition
- High-Efficiency 1300W Class-D Amplifiers
- Advanced finish treatment
- Convenient installation and disassembling
- Great flexibility in shaping array
- Adjustable angles from 0° to 10° in 1.5°increments
- Integrated amplifier & DSP
- DSP allows to control frequency response, crossover point, slope,delay, gain, imit, etc.
- Perfect choice for small & medium applications



System Specifications:

Acoustical		
Item No	VR 110	VR118SUBa
Frequency Response(-3dB)	55Hz-18kHz	40Hz-100Hz
Max. SPL	118/124dB (Peak)	123/129dB (peak)
Horizontal Coverage	100°	-
Vertical Coverage	Varies, depending on array length and configuration, 0-10°	
Transducers	2 × 1.7" HF + 1 × 10" LF	1 × 18" LF
Input/Output Section		
Input Connectors	1 × NL 4	2 × XLR
Output Connectors	1 × NL 4	2 × XLR, 1 × NL4
Amplifier / DSP		
Total Power	1300W(8Ω)	
Amplifier Type	Class D	
Cooling	Cooling fan	
Power Connector	Powercon	
Power Supply	AC 220V-240V~, 50/60Hz or AC 110V-120V~, 50/60Hz	
Physical		
Cabinet	Birch Plywood	
Finish	weatherproof coating	
Handles	Integrated wooden handle	
Rigging	quick-release pins, flying frame	
Dimensions(W × D × H)	540 × 334 × 280 mm	540 × 653 × 680 mm
	540 × 635 × 1390 mm （with flying frame）	
Net Weight	17kg	50kg
Gross Weight	19kg	55kg



Product Description:

The Compact Active Line Array loudspeaker system are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. The R Series Compact Active Line Array systems delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

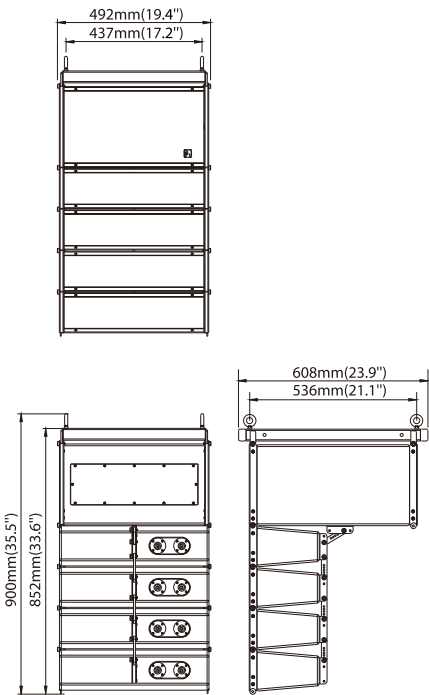
Key Features and Benefits:

- The system comprises of 4 x R4 mid/high boxes consisting of 1 x Ribbon and 2 x 4" drivers per cabinet and 1 x R8 Subwoofer cabinet comprising of 2 x 8" drivers
- Built-in power amplifier module and DSP speaker processing within the R8
- The DSP includes PEQ, Crossover and Slope, Delay, Gain and Limiter and is programable via either RS232 or USB by PC
- RS485 allows multiple systems to be connected together for control
- Software included
- Master volume control
- XLR input and output connectors
- Integrated rigging and speaker cabling included for the system
- Rigging allows adjustment of R4 in 1°increments
- Designed for high speech intelligibility and natural sounding music
- Suitable for use as a main system with or without sub speaker augmentation
- Permanent installation
- Powder coated grill
- Durable Polyurethane textured base paint
- Available in either black or white



System specification:

Construction	15mm Birch Plywood
Transducers	R4: 1 x Ribbon Driver HF + 2 x 4" MF - R8: 2 x 8" LF
Frequency Response (-3dB)	50Hz-20kHz
Amplifier Power	1100W
Amplifier Type	Class H
Maximum SPL	115dB/121dB (Peak)
Input Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Rated Impedance	8Ω
Dispersion (H x V )	120°x 30°
Connector	R8: XLR Line Input/Output, XLR RS485 Input/Output, 2 x NL4 Output R4: 2 x NL4
Power Supply	AC 220V-240V~, 50/60Hz (or AC 110V-120V~, 50/60Hz)
Dimensions (W x D x H)	492mm (8.7") x 608mm (24") x 900mm (35.5")
Packaging Dimensions (1 system/pack)	580mm (22.8") x 696mm (27.4") x 696mm (27.4")
Net Weight (1 system/pack)	45kg (99lb)
Gross Weight (1 system/pack)	50kg (110lb)



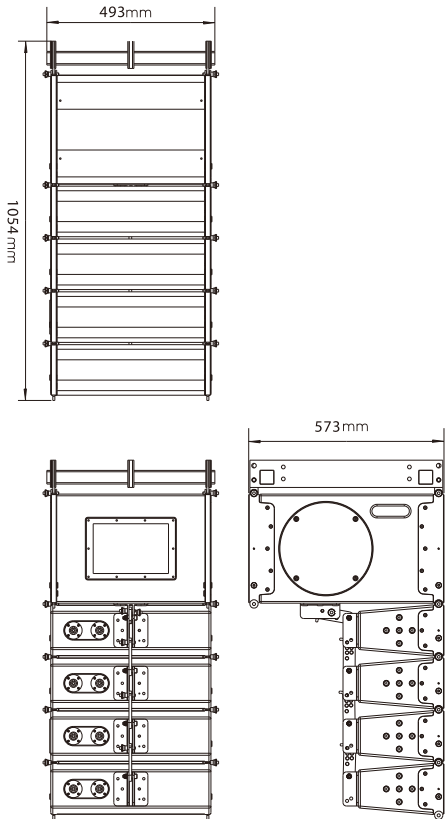
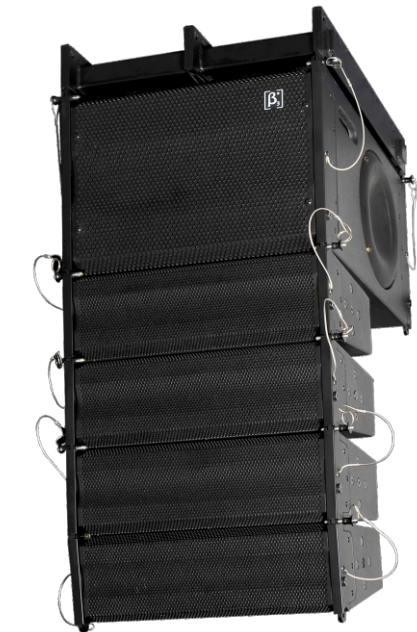


Product Description:

The Compact Line Array loudspeaker system are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. The R Series Compact Line Array systems delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

Key Features and Benefits:

- The system comprises of 4x R5 mid/high boxes consisting of 1xcompression HF driver and 2x5" MF/LF drivers per cabinets and 1xR15 Subwoofer cabinet comprising of 2x10" drivers
- Built-in DSP power amplifier module and DSP speaker processing within the R15
- 500W DSP active amplifier module
- The DSP includes Frequency Response, Crossover and Slope, Delay, Gain and limiter is programmable via RS232 or USB by PC
- Software included
- Master volume control
- XLR input and output connectors
- Integrated rigging and speaker cabling included for the system
- Rigging allows adjustment of R5 in 1° increments
- Designed for high speech intelligibility and natural sounding music
- Suitable for use as a main system with or without sub speaker augmentation
- Permanent installation
- Powder coated grill
- Durable Polyurethane textured base paint
- Available in either black or white



System specification:

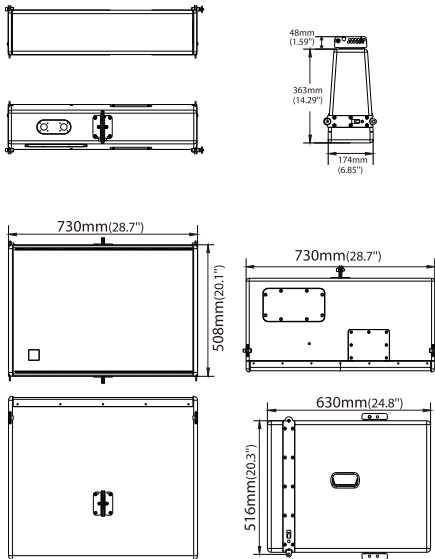
Construction	15mm Birch Plywood
Transducers	R5:1xRibbon Driver HF + 2x5" M/L, R15: 2x10" LF
Frequency Response (-3dB)	50Hz-20kHz
Rated Power	500W (RMS)
Maximum SPL	124dB
Amplifier Type	Class D
Rated Impedance	Balanced 20kΩ, Unbalanced 10kΩ
Dispersion (H x V)	120° x 30°-90°
Connector	R10: XLR Line Input/Output, RS232 Input/Output; R5:2xNL4
Dimensions (W x D x H)	493mm×573mm×1054mm

Product Description:

The Compact Line Array loudspeaker system are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. The R Series Compact Line Array systems delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

Key Features and Benefits:

- The system comprises of 4 x R6 mid/high boxes consisting of 1 x Ribbon tweeter, 1 x 6.5" MF and 2 x 6.5" LF drivers per full range speaker, and 1 x R12 Subwoofer consisting of 2 x 12" LF drivers
- 2 x NL4 input and output connectors on each cabinet
- For optimum performance use with a Beta Three® a digital speaker management processor
- Integrated rigging and speaker cabling included for the system
- Rigging allows adjustment of R6 in 1° increments
- Designed for high speech intelligibility and natural sounding music
- Suitable for use as a main system with or without sub speaker augmentation
- Permanent installation
- Powder coated grill
- Durable Polyurethane textured base paint
- Available in either black or white



System specification:

Construction	R6: 15mm Birch Plywood. R12:18mm Birch Plywood
Transducers	R6: 1 x Ribbon HF + 1 x 6.5" MF + 2 x 6.5" LF. R12 2 x 12" LF
Frequency Response (-3dB)	R6:: 50Hz-20kHz. R12: 45Hz-300Hz
Rated Power	R6: 140W (RMS), 280W (Program), 560W (Peak). R12: 900W (RMS), 1800W (Program), 3600W (Peak)
Sensitivity (1W @ 1m)	R6: 95dB, R12: 92dB
Maximum SPL	R6: 116dB/122dB (Peak). R12: 122dB/128dB (Peak)
Rated Impedance	R6: 8Ω, R12: 4Ω
Dispersion (H x V)	R6: 120° x 30°
Dimensions (W x D x H)	R6: 730mm (28.7") x363mm (14.3")x174mm (6.9") . R12: 508mm (20.1") x 630mm (24.8") x 730mm (28.7")
Packaging Dimensions R6 (1 piece/pack)	R6: 840mm (33.1")x 510mm (20.1")x 260mm (10.2")
Packaging Dimensions R12 (1 piece /pack)	R12: 870mm (34.3")x 784mm (30.9")x 670mm (26.4")
Packaging Dimensions for Flying Frame (1 piece/pack)	FF: 810mm (32") x 196mm (7.7") x 740mm (29.1")
Net Weight (1 piece/pack)	R6: 17kg (37.4lb), R12: 50kg (110lb)
Gross Weight (1 piece/pack)	R6: 19kg (41.8lb), R12: 55kg (121lb), FF 13.5kg (29.8")



# R6/R12a

### Product Description:

The Compact Line Array loudspeaker system are used in applications including sound reinforcement for Houses of Worship, Events, Theme Parks, Multifunctional Auditoriums, Schools, and Transit Terminals etc. The R Series Compact Line Array systems delivers extraordinary performance where high speech intelligibility and natural sounding music is required at unmatched value.

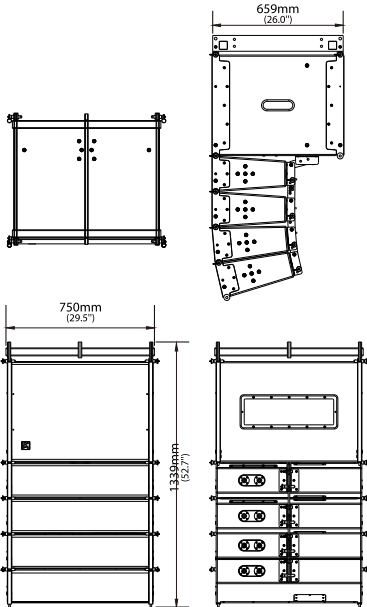
### Key Features and Benefits:

- The system comprises of 4 x R6 mid/high boxes consisting of 1 x Ribbon tweeter, 1x6.5" MF and 2 x 6.5" LF drivers per full range speaker, and 1 x R12 Subwoofer consisting of 2 x 12" LF drivers
- Built-in power amplifier module and DSP speaker processing within the R8
- The DSP includes PEQ, Crossover and Slope, Delay, Gain and Limiter and is programable via either RS232 or USB by PC
- 1 x NL4 input and output connectors on each array cabinet
- Integrated rigging and speaker cabling included for the system
- Rigging allows adjustment of R6 in 1° increments
- Designed for high speech intelligibility and natural sounding music
- Suitable for use as a main system with or without sub speaker augmentation
- Permanent installation
- Powder coated grill
- Durable Polyurethane textured base paint
- Available in either black or white



### System specification:

Construction	R6: 15mm Birch Plywood. R12a:18mm Birch Plywood	
Transducers	R6: 1 x Ribbon HF + 1 x 6.5" MF + 2 x 6.5" LF. R12a:2 x 12" LF	
Frequency Response (-3dB)	40Hz-20kHz	
Amplifier Power	3000W	
Maximum SPL	124dB/130dB (Peak)	
Rated Impedance	124dB/130dB (Peak)	
Input impedance(line)	20k 8Ω balanced input	
Dispersion (H x V)	120° x 30°	
Connector	R6: NL4;R12a:XLR for input, XLR for output	
Dimensions (W x D x H)	R6: 419mm (16.5") x210mm (8.3")x736mm (29.0") . R12a: 736mm (29.0") x 667mm (26.3") x 542mm (21.3")	
Packaging Dimensions	R6 (1 piece/pack) R6II: 505mm (19.9")x310mm (12.2")x 876mm (34.5")	
Packaging Dimensions	R12a (1 piece /pack)R12a: 815mm (32.1")x 656mm (25.8")x 876mm (34.5")	
Packaging Dimensions for Flying Frame (1 piece/pack)	FF: 779mm (30.7") x 225mm (8.9") x 870mm (34.3")	
Net Weight (1 piece/pack)	R6: 17.5kg (38.5lb), R12a: 52.5kg (115.5lb)	
Gross Weight (1 piece/pack)	R6: 20.5kg (45.1lb), R12a: 59kg (129.8lb), FF 14.5kg (31.9")	



# UA SERIES

### Class H Amplifier

The Beta Three® UA Series 2U professional amplifiers have been engineered for reliability where full power is required for extended times in fixed installations, or portable applications. The UA Series delivers extraordinary performance at unmatched value.

- UA660
- UA1330
- UA2000
- UA2500
- UA662
- UA1332
- UA2002





# UA660

PROFESSIONAL AMPLIFIER SERIES | Stereo Amplifier

### Product Description:

The UA Series 2U professional amplifiers have been engineered for reliability where full power is required for extended times in fixed installations or portable applications. The UA Series delivers extraordinary performance at unmatched value.

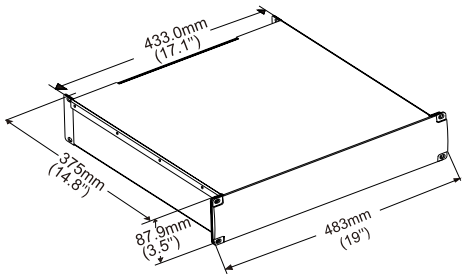
### Key Features and Benefits:

- Housed in a rugged, all-steel 2U chassis
- Rear panel selection switch for Stereo, Parallel and Bridged modes, including
- Low-cut filter, Ground lift and Limiter switches
- Operates within 8Ω and 4Ω loads
- Innovative heatsink with front to back air flow for efficient cooling
- Variable fan speed is automatically adjusted by temperature
- Electronically balanced XLR inputs
- Touch proof binding post and Speakon outputs
- Precision indented level controls, power switch
- Protect, Peak and Signal LEDs indicators for each channel
- Amplifier protection includes short circuit, excessive temperature, and DC on outputs



### System specification:

Rated Power (Stereo 8Ω)	2 x 330W
Rated Power (Stereo 4Ω)	2 x 500W
Rated Power (Bridge 16Ω)	660W
Rated Power (Bridge 8Ω)	1000W
Rated Power (Parallel mono 8Ω)	330W
Rated Power (Parallel mono 4Ω)	500W
Input Sensitivity	1V
S/N Ratio (A Weight)	>108dB
Frequency Response (+0/-0.25dB)	20Hz-20kHz
Damping Factor	>800 @ 8ohm/100Hz
THD (10% Rated Power)	<0.05%
Input Connector	2 x XLR, 2 x 6.5mm TRS
Input Impedance	20kΩ Balanced, 10kΩ Unbalanced
Output Connectors	2 x NL4 + 4 x Binding post
Cooling	4 x fans, airflow from front to back
Power Supply	220V-230V 50/60Hz, 500VA
Dimensions (W x D x H)	483mm (19") x 375mm (14.8") x 88mm (3.5")
Packaging Dimensions (1 piece/pack)	550mm (21.7") x 540mm (21.3") x 175mm (6.9")
Net Weight (1 piece/pack)	15kg (33.1lb)
Gross Weight (1 piece/pack)	17kg (37.5lb)



# UA1330

PROFESSIONAL AMPLIFIER SERIES | Stereo Amplifier

### Product Description:

The UA Series 2U professional amplifiers have been engineered for reliability where full power is required for extended times in fixed installations or portable applications. The UA Series delivers extraordinary performance at unmatched value.

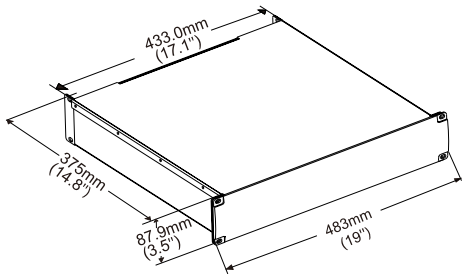
### Key Features and Benefits:

- Housed in a rugged, all-steel 2U chassis
- Rear panel selection switch for Stereo, Parallel and Bridged modes, including
- Low-cut filter, Ground lift and Limiter switches
- Operates within 8Ω and 4Ω loads
- Innovative heatsink with front to back air flow for efficient cooling
- Variable fan speed is automatically adjusted by temperature
- Electronically balanced XLR inputs
- Touch proof binding post and Speakon outputs
- Precision indented level controls, power switch
- Protect, Peak and Signal LEDs indicators for each channel
- Amplifier protection includes short circuit, excessive temperature, and DC on outputs



### System specification:

Rated Power (Stereo 8Ω)	2 x 660W
Rated Power (Stereo 4Ω)	2 x 1000W
Rated Power (Bridge 16Ω)	1330W
Rated Power (Bridge 8Ω)	2000W
Rated Power (Parallel mono 8Ω)	660W
Rated Power (Parallel mono 4Ω)	1000W
Input Sensitivity	1V
S/N Ratio (A Weight)	>108dB
Frequency Response (+0/-0.25dB)	20Hz-20kHz
Damping Factor	>800 @ 8ohm/100Hz
THD (10% Rated Power)	<0.05%
Input Connector	2 x XLR, 2 x 6.5mm TRS
Input Impedance	20kΩ Balanced, 10kΩ Unbalanced
Output Connectors	2 x NL4 + 4 x Binding post
Cooling	4 x fans, airflow from front to back
Power Supply	220V-230V 50/60Hz, 1000VA
Dimensions (W x D x H)	483mm (19") x 375mm (14.8") x 88mm (3.5")
Packaging Dimensions (1 piece/pack)	550mm (21.7") x 540mm (21.3") x 175mm (6.9")
Net Weight (1 piece/pack)	18kg (39.7lb)
Gross Weight (1 piece/pack)	20kg (44.1lb)





# UA2000

PROFESSIONAL AMPLIFIER SERIES | Stereo Amplifier

### Product Description:

The UA Series 2U professional amplifiers have been engineered for reliability where full power is required for extended times in fixed installations or portable applications. The UA Series delivers extraordinary performance at unmatched value.

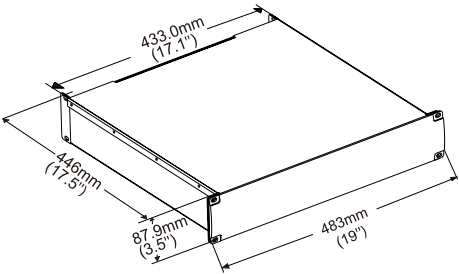
### Key Features and Benefits:

- Housed in a rugged, all-steel 2U chassis
- Rear panel selection switch for Stereo, Parallel and Bridged modes, including Low-cut filter, Ground lift and Limiter switches
- Operates within 8Ω and 4Ω loads
- Innovative heatsink with front to back air flow for efficient cooling
- Variable fan speed is automatically adjusted by temperature
- Electronically balanced XLR inputs
- Touch proof binding post and Speakon outputs
- Precision indented level controls, power switch
- Protect, Peak and Signal LEDs indicators for each channel
- Amplifier protection includes short circuit, excessive temperature, and DC on outputs



### System specification:

Rated Power (Stereo 8Ω)	2 x 1000W
Rated Power (Stereo 4Ω)	2 x 1600W
Rated Power (Bridge 16Ω)	2000W
Rated Power (Bridge 8Ω)	3200W
Rated Power (Parallel mono 8Ω)	1000W
Rated Power (Parallel mono 4Ω)	1600W
Input Sensitivity	1V
S/N Ratio (A Weight)	>108dB
Frequency Response (+0/-0.25dB)	20Hz-20kHz
Damping Factor	>800 @ 8ohm/100Hz
THD (10% Rated Power)	<0.05%
Input Connector	2 x XLR, 2 x 6.5mm TRS
Input Impedance	20kΩ Balanced, 10kΩ Unbalanced
Output Connectors	2 x NL4 + 4 x Binding post
Cooling	4 x fans, airflow from front to back
Power Supply	220V-230V 50/60Hz, 1500VA
Dimensions (W x D x H)	483mm (19") x 446mm (17.5") x 88mm (3.5")
Packaging Dimensions (1 piece/pack)	550mm (21.7") x 540mm (21.3") x 175mm (6.9")
Net Weight (1 piece/pack)	30kg (66.1lb)
Gross Weight (1 piece/pack)	32kg (70.5lb)



# UA2500

PROFESSIONAL AMPLIFIER SERIES | Stereo Amplifier

### Product Description:

The Beta Three® UA 2500 2U professional amplifiers have been engineered with special circuit for reliability where full power is required for extended times in fixed installations or portable applications. The UA Series delivers extraordinary performance.

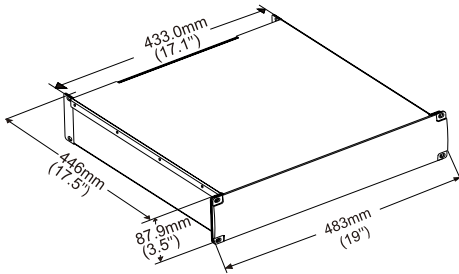
### Key Features and Benefits:

- Housed in a rugged,all-steel 2U chasis
- Volume controled individual for each channel.
- Opertes with 8Ω and 4Ω loads
- The power can be reached 3600W when bridge output is 8Ω
- Available for parallel input
- Available for voltage limitation function
- Low frenqucy cut-off can be selected according to different load
- Perfect protection function. Automatic identification of 2Ω load and adjust related parameters to ensure stable and reliable of amplier



### System specification:

Rated Power (Stereo 8Ω)	2 x 1250W
Rated Power (Stereo 4Ω)	2 x 2000W
Rated Power (Bridge 16Ω)	2400W
Rated Power (Bridge 8Ω)	3600W
THD (10% Rated Power)	<0.05%
IMD(10% Rated Power 60Hz/7kHz)	<0.1%
Frequency Response (+0/-0.25dB)	20Hz-20kHz
Phase-shift Characteristic	<+15°
Damping Factor	>800 @ 8ohm/100Hz
Seperation Degree	>75dB
SNR	>108dB(A)
Overall Gain	39+0.5dB
Channel Gain difference	<0.25dB
Input Sensitivity	1V
Conversion Rate	>100V/μs
Input Impedance	20kO Balanced, 10kO Unbalanced
Power Supply	220V-230V 50/60Hz, 1800VA
Dimensions (W x D x H)	483mm (19") x 446mm (17.5") x 88mm (3.5")
Packaging Dimensions	550mm (21.7") x 540mm (21.3") x 175mm (6.9")
Net Weight	28kg
Gross Weight	32kg





# UA662

PROFESSIONAL AMPLIFIER SERIES | Stereo Amplifier

### Product Description:

The UA Series 2U professional amplifiers have been engineered for reliability where full power is required for extended times in fixed installations or portable applications. The UA Series delivers extraordinary performance at unmatched value.

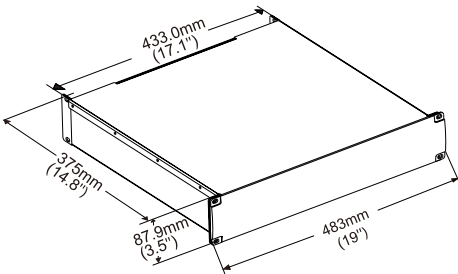
### Key Features and Benefits:

- Housed in a rugged, all-steel 2U chassis
- Rear panel selection switch for Stereo, Parallel and Bridged modes, including Low-cut filter, Ground lift and Limiter switches
- Operates within 4Ω and 2Ω loads
- Innovative heatsink with front to back air flow for efficient cooling
- Variable fan speed is automatically adjusted by temperature
- Electronically balanced XLR inputs
- Touch proof binding post and Speakon outputs
- Precision indented level controls, power switch
- Protect, Peak and Signal LEDs indicators for each channel
- Amplifier protection includes short circuit, excessive temperature, and DC on outputs



### System specification:

Rated Power (Stereo 4Ω)	2 x 330W
Rated Power (Stereo 2Ω)	2 x 500W
Rated Power (Bridge 8Ω)	660W
Rated Power (Bridge 4Ω)	1000W
Rated Power (Parallel mono 4Ω)	350W
Rated Power (Parallel mono 2Ω)	600W
Input Sensitivity	1V
S/N Ratio (A Weight)	>108dB
Frequency Response (+0/-0.25dB)	20Hz-20kHz
Damping Factor	>800 @ 8ohm/100Hz
THD (10% Rated Power)	<0.05%
Input Connector	2 x XLR, 2 x 6.5mm TRS
Input Impedance	20k Ω Balanced, 10k Ω Unbalanced
Output Connectors	2 x NL4 + 4 x Binding post
Cooling	4 x fans, airflow from front to back
Power Supply	220V-230V 50/60Hz, 500VA
Dimensions (W x D x H)	483mm (19") x 375mm (14.8") x 88mm (3.5")
Packaging Dimensions (1 piece/pack)	550mm (21.7") x 540mm (21.3") x 175mm (6.9")
Net Weight (1 piece/pack)	12.5kg (27.6lb)
Gross Weight (1 piece/pack)	14.5kg (32lb)



# UA1332

PROFESSIONAL AMPLIFIER SERIES | Stereo Amplifier

### Product Description:

The UA Series 2U professional amplifiers have been engineered for reliability where full power is required for extended times in fixed installations or portable applications. The UA Series delivers extraordinary performance at unmatched value.

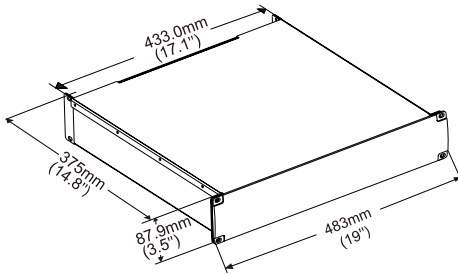
### Key Features and Benefits:

- Housed in a rugged, all-steel 2U chassis
- Rear panel selection switch for Stereo, Parallel and Bridged modes, including Low-cut filter, Ground lift and Limiter switches
- Operates within 4Ω and 2Ω loads
- Innovative heatsink with front to back air flow for efficient cooling
- Variable fan speed is automatically adjusted by temperature
- Electronically balanced XLR inputs
- Touch proof binding post and Speakon outputs
- Precision indented level controls, power switch
- Protect, Peak and Signal LEDs indicators for each channel
- Amplifier protection includes short circuit, excessive temperature, and DC on outputs



### System specification:

Rated Power (Stereo 4Ω)	2 x 660W
Rated Power (Stereo 2Ω)	2 x 1000W
Rated Power (Bridge 8Ω)	1300W
Rated Power (Bridge 4Ω)	2000W
Rated Power (Parallel mono 4Ω)	660W
Rated Power (Parallel mono 2Ω)	1000W
Input Sensitivity	1V
S/N Ratio (A Weight)	>108dB
Frequency Response (+0/-0.25dB)	20Hz-20kHz
Damping Factor	>800 @ 8ohm/100Hz
THD (10% Rated Power)	<0.05%
Input Connector	2 x XLR, 2 x 6.5mm TRS
Input Impedance	20kΩ Balanced, 10kΩ Unbalanced
Output Connectors	2 x NL4 + 4 x Binding post
Cooling	4 x fans, airflow from front to back
Power Supply	220V-230V 50/60Hz, 1000VA
Dimensions (W x D x H)	483mm (19") x 375mm (14.8") x 88mm (3.5")
Packaging Dimensions (1 piece/pack)	550mm (21.7") x 540mm (21.3") x 175mm (6.9")
Net Weight (1 piece/pack)	15kg (33.1lb)
Gross Weight (1 piece/pack)	17kg (37.5lb)





# UA2002

PROFESSIONAL AMPLIFIER SERIES | Stereo Amplifier

### Product Description:

The UA Series 2U professional amplifiers have been engineered for reliability where full power is required for extended times in fixed installations or portable applications. The UA Series delivers extraordinary performance at unmatched value.

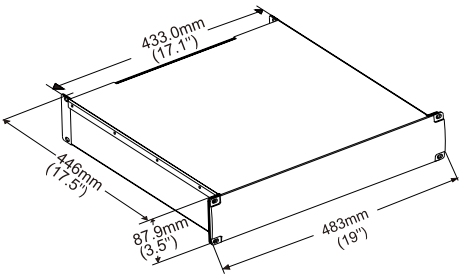
### Key Features and Benefits:

- Housed in a rugged, all-steel 2U chassis
- Rear panel selection switch for Stereo, Parallel and Bridged modes, including Low-cut filter, Ground lift and Limiter switches
- Operates within 4Ω and 2Ω loads
- Innovative heatsink with front to back air flow for efficient cooling
- Variable fan speed is automatically adjusted by temperature
- Electronically balanced XLR inputs
- Touch proof binding post and Speakon outputs
- Precision indented level controls, power switch
- Protect, Peak and Signal LEDs indicators for each channel
- Amplifier protection includes short circuit, excessive temperature, and DC on outputs



### System specification:

Rated Power (Stereo 4Ω)	2 x 950W
Rated Power (Stereo 2Ω)	2 x 1500W
Rated Power (Bridge 8Ω)	1900W
Rated Power (Bridge 4Ω)	3000W
Rated Power (Parallel mono 4Ω)	950W
Rated Power (Parallel mono 2Ω)	1500W
Input Sensitivity	1V
S/N Ratio (A Weight)	>108dB
Frequency Response (+0/-0.25dB)	20Hz-20kHz
Damping Factor	>800 @ 8ohm/100Hz
THD (10% Rated Power)	<0.05%
Input Connector	2 x XLR, 2 x 6.5mm TRS
Input Impedance	20k Ω Balanced, 10k Ω Unbalanced
Output Connectors	2 x NL4 + 4 x Binding post
Cooling	4 x fans, airflow from front to back
Power Supply	220V-230V 50/60Hz, 1500VA
Dimensions (W x D x H)	483mm (19") x 446mm (17.5") x 88mm (3.5")
Packaging Dimensions (1 piece/pack)	550mm (21.7") x 540mm (21.3") x 175mm (6.9")
Net Weight (1 piece/pack)	30kg (66.1lb)
Gross Weight (1 piece/pack)	32kg (70.5lb)



# Q SERIES

### Class D Amplifier

The Beta Three® Q Series Class D Amplifier, incorporating a DSP core and display, have been designed for sound systems requiring maximum performance and portability.

Q3i

Q5i

Q7i



### Product Description:

The new Q series amplifier are designed for professional sound systems requiring maximum performance and portability. It is Beta Three Class D Amplification, switch mode power supply and DSP core in a rugged 2U chassis. With reliable extended power, light weight, smart signal display and advanced protection circuitry, Q series provides unmatched performance at real value.



### Key Features and Benefits:

- Housed in a rugged, all-steel 2U chassis.
- Easy to configure in stereo / mono / bridge modes
- Switch mode power supply ensures an improved amplifier performance at high output levels
- High efficient Class D amplification, low weight, low distortion and fast response.
- Minimum load impedance (stereo / mono): 2Ω
- Built-in DSP for flexible use in live sound or permanently installed sound
- Software programmable via PC (USB port)
- Electronically balanced XLR inputs
- Touch proof binding post and Speakon output
- Variable fan speed is automatically adjusted by temperature with front to back air flow
- Amplifier protection includes short circuit, overload, excessive temperature, DC on outputs

### System specification:

Rated Power (Stereo 8Ω)	2 x 550W
Rated Power (Stereo 4Ω)	2 x 1000W
Rated Power (Stereo 2Ω)	2 x 1500W
Rated Power (Bridge 8Ω)	2000W
Rated Power (Bridge 4Ω)	3000W
THD (@1kHz)	<0.5%
MD (@60Hz/7kHz 4:1)	<1%
Amplifier Type	Class D
S/N Ratio	>91dB (1kHz, A weight)
Damping Factor	>200:1(100Hz)
Frequency Response	20Hz~20kHz(±0.5dB)
Input Sensitivity	1V
Crosstalk Attenuation (@1kHz)	>55dB
CH Gain Difference (@1kHz)	<0.25dB
Static Power Consumption	40W±10%
Input connector	2x XLR
Output Connector	2x XLR + 2x NL4 + 2x Binding posts
Power Supply	AC 220-230V, 50Hz/60Hz
Cooling	Airflow from front to back
Dimension (W x D x H)	483mm x 336mm x 89mm
Net Weight	8.2kg
Gross Weight	9.5kg

### Product Description:

The new Q series amplifier are designed for professional sound systems requiring maximum performance and portability. It is Beta Three Class D amplification, switch mode power supply and DSP core in a rugged 2U chassis. With reliable extended power, light weight, smart signal display and advanced protection circuitry, Q series provides unmatched performance at real value.



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- Housed in a rugged, all-steel 2U chassis.
- Easy to configure in stereo / mono / bridge modes
- Switch mode power supply ensures an improved amplifier performance at high output levels
- High efficient Class D amplification, low weight, low distortion and fast response.
- Minimum load impedance (stereo / mono): 2Ω
- Built-in DSP for flexible use in live sound or permanently installed sound
- Software programmable via PC (USB port)
- Electronically balanced XLR inputs
- Touch proof binding post and Speakon output
- Variable fan speed is automatically adjusted by temperature with front to back air flow
- Amplifier protection includes short circuit, overload, excessive temperature, DC on outputs

### System specification:

Rated Power (Stereo 8Ω)	2 x 850W
Rated Power (Stereo 4Ω)	2 x 1550W
Rated Power (Stereo 2Ω)	2 x 2500W
Rated Power (Bridge 8Ω)	3000W
Rated Power (Bridge 4Ω)	5000W
THD (@1kHz)	<0.5%
THD (@60Hz/7kHz 4:1)	<1%
Amplifier Type	Class D
S/N Ratio	>100dB (1kHz, A weight)
Damping Factor	>200:1(100Hz)
Frequency Response	20Hz~20kHz(±0.5dB)
Input Sensitivity	1V
Crosstalk Attenuation (@1kHz)	>55dB
CH Gain Difference (@1kHz)	<0.25dB
Static Power Consumption	45W±10%
Input connector	2x XLR
Output Connector	2x XLR + 2x NL4 + 2x Binding post
Power Supply	AC 220-230V, 50Hz/60Hz
Cooling	Airflow from front to back
Dimension (W x D x H)	483mm x 336mm x 89mm
Net Weight	8.5kg
Gross Weight	9.5kg

Product Description:

The new Q series amplifier are designed for professional sound systems requiring maximum performance and portability. It is Beta Three Class D amplification, switch mode power supply and DSP core in a rugged 2U chassis. With reliable extended power, light weight, smart signal display and advanced protection circuitry, Q series provides unmatched performance at real value.



Key Features and Benefits:

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- Software programmable via PC (USB port)
- Electronically balanced XLR inputs
- Touch proof binding post and Speakon output
- Variable fan speed is automatically adjusted by temperature with front to back air flow
- Amplifier protection includes short circuit, overload, excessive temperature, DC on outputs

System specification:

Rated Power (Stereo 8Ω)	2 x 1500W
Rated Power (Stereo 4Ω)	2 x 2500W
Rated Power (Stereo 2Ω)	2 x 3500W
Rated Power (Bridge 8Ω)	5000W
Rated Power (Bridge 4Ω)	7000W
THD (@1kHz)	<0.5%
IMD (@60Hz/7kHz 4:1)	<1%
Amplifier Type	Class D
S/N Ratio	>100dB (1kHz, A weight)
Damping Factor	>200:1( 100Hz)
Frequency Response	20Hz~20kHz(±0.5dB)
Input Sensitivity	1V
Crosstalk Attenuation (@1kHz)	>55dB
CH Gain Difference (@1kHz)	<0.25dB
Static Power Consumption	40W ±10%
Input connector	2x XLR
Output Connector	2x XLR + 2x NL4 + 2x Binding post
Power Supply	AC 220-230V, 50Hz/60Hz
Cooling	Airflow from front to back
Dimension (W x D x H)	483mm x 336mm x 89mm
Net Weight	9kg
Gross Weight	10kg

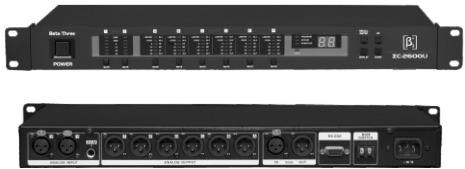
Professional Electronics

The Beta Three® Electronics have been engineered to a quality and standard that is required for any fixed installation or portable application.

- ΣC4800
- ΣC8800
- ΣC2600U
- ΣC2402
- C223+
- DS1800
- EQ2231
- DP63X
- PX128
- PX136
- PX7000

Product Description:

The ΣC2600 is a 1U integrated speaker management processor. This device is easily programmable to meet all installation applications.

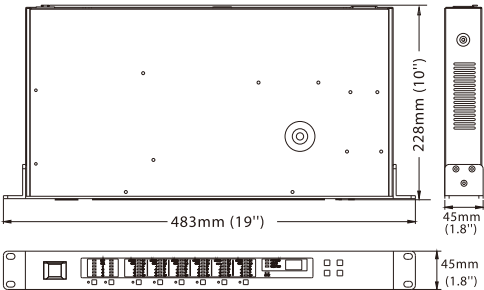


Key Features and Benefits:

- Integrated speaker management processor
- Three-way stereo or six-way mono crossover
- 32 bit floating point DSP and digital filter
- 2 x input XLRs + 6 x Output XLRs + 2 x RS485 XLR + USB + 1 x 6.35mm socket (BGM signal)
- Software programmable via PC (USB port)
- Provides input selection, gain control, delay, crossover, equalization and limiter functions
- DSP - 64kHz sample rate with 24bit AD/DA processing
- Front panel input and output LED indicators
- Store up to 20 presets

System specification:

Input Connector	2 x Balanced XLR, 2 x RS485 XLR, 1 x USB + 1 x 6.5mm
Output Connector	6 x Balanced XLR
Input Impedance	Balanced 10kΩ
Maximum Output Levels	+20dBu
A/D Sampling Frequency	64kHz, 24bit linear
Frequency Response (±0.3dB)	20Hz-20kHz
THD + N	<0.006%
S/N Ratio (A weight)	≥107dB
Dynamic Range	110dB
Power Supply	220V/50Hz
Dimensions (W x D x H)	483mm (19") x 228mm (10") x 45mm (1.8")
Net Weight (1 piece/pack)	4.7kg (10.4lb)
Gross Weight (1 piece/pack)	6.3kg (13.9lb)



Product Description:

The ΣC4800 is a 1U integrated speaker management processor. This device is easily programmable to meet all installation applications.



Key Features and Benefits:

- Software programmable via PC (USB port)
- 32bit high performance floating point dsp and 24bit 192k sampling rate ad/da
- Chip for better dynamic processing and high-fidelity restore capability
- Parametric eq ( 5-band for input, 7-band for output)
- Maximum delay is 2.6s for each signal
- 4-way balanced analog signal input, 8-way balanced analog signal output
- Crossover:essel/butterworth 12/18/24/30/36db per octave and linkwitz-riley 12/18/24db per octave
- Peak limiter
- Both input mute and output mute available
- Store maximum 50 preset programs
- RS485 connectors for cascade of multiple processors

System specification:

Input Connector	4-way phoenix
Output Connector	8-way phoenix
Input Impedance	>10kΩ
Maximum Output Levels	≥20dBu
A/D Sampling Frequency	128 times oversampling, linear phase
Frequency Response (±0.5dB)	20Hz-20kHz
THD + N	<0.006%
S/N Ratio (A weight)	>110dB
Power Supply	200V-240V/50-60Hz
Dimensions (W x D x H)	482mmx 228mm x 44mm
Net Weight (1 piece/pack)	5.7kg
Gross Weight (1 piece/pack)	6.5kg



# ΣC8800

ELECTRONICS SERIES | Digital Processor

## Product Description:

The ΣC8800 is a 1U integrated speaker management processor. This device is easily programmable to meet all installation applications.



## Key Features and Benefits:

- Software programmable via PC (USB port)
- 32bit high performance floating point dsp and 24bit 192k sampling rate ad/da
- Chip for better dynamic processing and high-fidelity restore capability
- Parametric eq ( 5-band for input, 7-band for output)
- Maximum delay is 2.6s for each signal
- 8-way balanced analog signal input, 8-way balanced analog signal output
- Crossover: bessel/butterworth 12/18/24/30/36db per octave and linkwitz-riley 12/18/24db per octave
- Peak limiter
- Both input mute and output mute available
- Store maximum 50 preset programs
- RS485 connectors for cascade of multiple processors

## System specification:

Input Connector	8-way phoenix
Output Connector	8-way phoenix
Input Impedance	> 10kΩ
Maximum Output Levels	≥20dBu
A/D Sampling Frequency	128 times oversampling, linear phase
Frequency Response (±0.5dB)	20Hz-20kHz
THD + N	<0.006%
S/N Ratio (A weight)	110dB
Power Supply	200V-240V/50-60Hz
Dimensions (W x D x H)	482mmx 228mm x 44mm
Net Weight (1 piece/pack)	5.7kg
Gross Weight (1 piece/pack)	6.5kg



# ΣC2402

ELECTRONICS SERIES | Digital Speaker Management Processor

## Product Description:

The ΣC2402 is a 1U integrated speaker management processor. This device is easily programmable to meet all installation applications.



## Key Features and Benefits:

- Programed by front panel controls
- Integrated speaker management processor
- Three-way stereo or six-way mono crossover
- 32 bit floating point DSP and digital filter
- 2 x input XLRs, 2xlink outputs + 6 x output XLRs
- Front panel programmable
  - Provides input selection, gain control, delay, crossover, equalization and limiter
- functions
- DSP - 48kHz sample rate with 24bit AD/DA processing
- Front panel input and output LED indicators
  - Store up to 20 presets

## System specification:

Input Connector	2 x Balanced XLR
Output Connector	6 x Balanced XLR
Input Impedance	Balanced10k Ω
Maximum Output Levels	+ 20dBu
A/D Sampling Frequency	48kHz-24bit linear
S/N Ratio (A weight)	≥105dB
Dynamic Range (A weight)	110dB(A-weight)
Power Supply	220V/50Hz
Dimensions (W x D x H)	483mm (19") x 172mm (6.8") x 45mm (1.8")
Net Weight (1 piece/pack)	3kg (6.6lb)
Gross Weight (1 piece/pack)	4.5kg (9.9lb)





EQ2231

ELECTRONICS SERIES | Stereo Graphic Equalizer

Product Description:

The EQ2231 is a 3U 30 band, constant Q Stereo Graphic Equalizer.



Key Features and Benefits:

- EQ filter is bypassed if fader is in centre indent position
- In the event of power failure a high quality relay switch sends input signal directly to output connectors
- Power-on delay for soft start
- Front Panel
  - 2 x 30 constant Q faders ? 15dB control range
  - 9 x segment signal output LEDs
  - Gain control
  - High pass filter up to 250Hz
  - Low frequency shelf filter ? 6dB of gain at 50Hz
  - High frequency shelf and filter ? 6dB gain 14kHz
  - EQ bypass switch
- Rear Panel
  - 2 x Balanced XLR input connectors
  - 2 x Balanced XLR output connectors
  - 6.5mm inputs and outputs connectors
  - Phoenix inputs and output connectors

System specification:

Input Impedance	10k $\Omega$ Balanced and Unbalanced
Overloaded Electromotive Force	8.5V
Frequency Response ( $\pm 1$ dB)	5Hz-45kHz
Harmonic Distortion	<0.008% THD 20-20kHz
S/N Ratio	>92dB
Max. Output Level	9.5V
Output Impedance	<50 $\Omega$
Dynamic Range	>115dB
Crosstalk	>85dB @ 1kHz
Frequency Control	$\pm 15$ dB on ISO centres Q value for 4
Connector	input 2xXLR, output 2xXLR
Power Supply	115V/230V VAC 50-60Hz 30VA
Dimensions (W x D x H)	483mm (19") x 180mm (7.1") x 134mm (5.3")
Net Weight (1 piece/pack)	3kg (6.6lb)
Gross Weight (1 piece/pack)	4.5kg (9.9lb)



PX128

ELECTRONICS SERIES | Power Sequencer

Product Description:

PX128 is a 1U power sequencer that distributes mains power input into six channel power output. Suitable for large sound system installation.



Key Features and Benefits:

- 6 mains power output connectors
- 1 second delay start time between channels during power on
- 1 second delay before channels on power off
- Each channel can be switched from front panel
- Master on/off switch
- 6 x power output connectors
- 6.35mm link connectors

System specification:

System max power output	16kW
Channel's max power output	2kW
Connect/Disconenct Delay Times	1s
Network Connection Control	Yes
Bypass Function	Yes
Operating Voltage	220V 50Hz-60Hz
Dimensions (W x D x H)	483mm (19") x 222mm (8.7") x 45mm (1.8")
Packaging Dimensions (1 piece/pack)	555mm (21.9") x 310mm (12.2") x 78mm (3.1")
Net Weight (1 piece/pack)	5kg (11lb)
Gross Weight (1 piece/pack)	6kg (13.2lb)



# C223+

ELECTRONICS SERIES | **Active Crossover**

### Product Description:

The C223+ is a 1U Stereo two-way/mono three-way active crossover.



### Key Features and Benefits:

- Front Panel
  - 2 x Input gain control
  - 2 x Low/high frequency selector
  - 2 x Low output gain control
  - 2 x High output gain control
  - 2 x Phase inversion switch
  - 2 x 40Hz low cut switch
- Rear Panel
  - 2 x Balanced XLR input connectors
  - 4 x Balanced XLR output connectors
- Two-way stereo or three-way mono crossover via switch
- Switch to select normal or summed low frequency output
- Switch to select between 1x or 10x frequency

### System specification:

System	Two way - Three way Crossover
Harmonic Distortion	<0.004% @ +4dB, <0.04% @ +20dB, 1kHz
Channel Crosstalk	<-80dB 20Hz-20kHz
Crossover Point	45Hz-960Hz adjustable or 450Hz-9.6kHz adjustable
Frequency Response (±0.3dB)	<3Hz - >90Hz, +0/-3dB
Dynamic Range	>106dB unweighted, all outputs
Connector	input 2xXLR, output 4xXLR
Power Supply	220V/50Hz
Dimensions (W x D x H)	483mm (19") x 175mm (6.9") x 45mm (1.8")
Packaging Dimensions (1 piece/pack)	523mm (20.6") x 261mm (10.3") x 59mm (2.3")
Net Weight (1 piece/pack)	1.7kg (3.74lb)
Gross Weight (1 piece/pack)	2.5kg (5.5lb)



# DS1800

ELECTRONICS SERIES | **Distribution Amplifier**

### Product Description:

The DS1800 is a 1U, 2 in 4 out, or 1 in 8 out Distribution Amplifier.



### Key Features and Benefits:

- Front Panel
  - Independent volume control to adjust each channel (concealed controls)
  - LED indicator for mode selection
  - LED signal indicators
- Rear Panel
  - 2 x Balanced XLR input connectors
  - 8 x Balanced XLR output connectors
  - 2 x XLR link connectors
- Mode switch for 2 x 4 or 1 x 8

### System specification:

Input Connector	2 x Balanced XLR
Output Connector	8 x Balanced XLR, 2 x Balanced XLR Link
Input Impedance	Balanced 10kΩ
Maximum Output Levels	≥ +20dBu
Frequency Response (±0.3dB)	20Hz-20kHz
THD + N	<0.008%
S/N Ratio (A weight)	>100dB
Dynamic Range	>115dB
Power Consumption	<8W
Power Supply	220V/50Hz
Dimensions (W x D x H)	483mm (19") x 172mm (6.8") x 45mm (1.8")
Net Weight (1 piece/pack)	2.5kg (5.5lb)
Gross Weight (1 piece/pack)	3.5kg (7.7lb)