

# TLA-101F

Two way dual 10" Weatherproof Line Array Speaker

## DESCRIPTION

T-Line Weatherproof Line Array is composed by a dual 10" full range element TLA-101F and a suspend-able dual 12" subwoofer TLB-101F. Compact construction, light weight and quick installation makes the system most suitable for outdoor touring performance applications.

T-Line Weatherproof Line Array Speakers were designed in accordance with IP54 Standard, mainly be applicable for outdoor touring performance.

The adjacent speakers can achieve the seamless coupling and form the consistent cylindrical wave. The adjustable angle between two adjacent speakers is 0°- 10°.

Magnetic circuit of LF is optimized through the finite element analysis to achieve the ultra-low distortion and maximum clarity under the high SPL. Overheated protection for drivers, perfect and reliable circuit protection.

TLA-101F adopts multifunctional structure design and Russian birch, weatherproof polyurethane painting provides super strong weather resistance.



## FEATURES

- Dual 1.7" Neo compression driver.
- Dual 10"Neo woofer.
- Long term continuous power: LF 800W, HF 280W.
- Dispersion: LF 30 x 90 , HF 100 x80 .
- Frequency response: LF 60Hz-4kHz (-3dB),HF 1000Hz-16kHz(-3dB).
- Sensitivity: LF 100dB, HF 110dB.
- Max SPL: LF 122dB /128dB(PEAK),HF 128dB/134dB(PEAK).
- Overload protection is available.
- Appropriate hanging frame with shackle for installation.

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response(-3db):	LF: 60Hz-4kHz; HF: 1000Hz-16kHz
	Max SPL @ 1m:	LF: 122dB/128dB(PEAK); HF: 128dB/134dB(PEAK)
	Dispersion (H x V):	LF: 30° x 90°; HF:110° x 80°
Transducers	Compression driver:	2 x 1.7" Neo compression driver
	Woofer:	2 x 10" Woofer
Input/Output section	Input Connectors:	NL4
	Output connectors:	NL4
	Sensitivity (1W @ 1m):	LF: 100dB; HF: 110dB
Processor section	Crossover frequencies:	1.8kHz-2.5kHz
Power section	Total Power:	540W(RMS); 1080W(MUSIC); 2160W(PEAK);
	High frequencies:	560 W Peak, 140 W RMS
	Low frequencies:	1600 W Peak, 400 W RMS
	Nominal Impedance (Ohm):	8Ω
Physical specifications	Cabinet/Case Material:	Russian birch
	Hardware:	Appropriate frame with 1/2"shackle
	Handles:	2 x Wooden handles
	Grille:	Weather resistant polyurethane finish, black powder coating for grille.
	Color:	Black
Size	Dimension (W x D x H):	800 x 323 x 440mm / (31.5 x 12.7 x 17.3in)
	Package Dimensions (W x D x H):	585 x 920 x 430mm / (23 x 36.2 x 16.9in)
Weight	Net Weight:	26.5 kg / 58.4 lb
	Gross Weight:	29.5 kg / 65 lb