

# DIGITAL MIXER

## **DIGITAL MIXER**

MD SERIES MD16 MU SERIES MU22 TQ SERIES TQ-18 & TQ-22 & TQ-32



## MDI6 Digital live sound console

## FEATURES

▶ Input (18ch):

12-channels Mic / Line with full digital control gain analog pre-processing ( XLR female plug and 1/4 TRS combinatorial input interface ) 2 stereo digital AES / EBU channels 1 stereo USB Media channel (U disk playback or Bluetooth audio )

▶ Output (12ch):

2 channels AUX

4channels SUB

1 stereo channel Main L / R

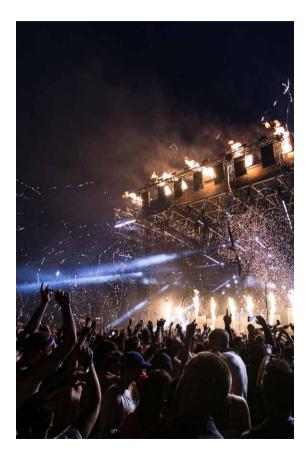
1 stereo digital AES/EBU channel

1 stereo channel USB recording

1 stereo headphone channel

- 2 professional DSP effectors (FX)
- ▶ 6 OCA volume groups
- ▶ 3 MUTE groups





## MU22 Digital live sound console

## FEATURES

#### Input(22ch)

16-channels Mic / Line with full digital control gain analog pre-processing (XLR female plug and 1/4"TRS combinatorial input interface)
2 stereo Line-In channels
1 stereo USB Media channel(U disk playback or Bluetooth audio)

Output(18ch):

8 channels AUX

4 channels MTRX

1 stereo channel Main L/R

1 stereo channel USB recording

1 stereo headphone channel

- 4 professional DSP effectors(FX)
- 8 DCA volume groups
- 4 MUTE groups







## SPECIFICATION

Acoustical	MD16	MU22
Frequency response	+-0.2dB(20 Hz to 20 kHz @ 4dBu input, input from MIC/Line to AUX output, input gain Min and other level gain= 0dB)	+-0.2dB(20 Hz to 20 kHz @ 4dBu input, input from MIC/Line to AUX output, input gain Min and other level gain= 0dB)
Display screen	6.1x3.5,7" high-defnition color TFT LCD screen and capacitive touch screen.	6.1x3.5,7 "high-defnition color TFT LCD screen and capacitive touch screen.
Audio Input	18 channels input 12 channels Mic/Line( 8 channels XLR/TRS composite balanced interface ), 2 stereo AES( XLR interface ) 1 stereo UsB disk or player.	22 channels input 16 channels Mic/Line( XLR/TRS composite balanced interface ). 2 stereo Line INI1/4″TRS connector ).1 stereo USB disk or Bluetooth player
Audio Output	14 channels output 2way main output(XLR balanced port) 2 way auxiliary output AUX1 and AUX2 (1/4" TRS balanced port 4 way auxiliary output sUB1 to SUB4(XLR balanced port 1 stereo AES output XLR balanced port 1 stereo DSB disk recording 1 stereo monitor(1/4"TRS stereo port and 16Ω minimum impedance headphone)	18 channels output 2 way main output (XLR balanced port) 4 way auxiliary output MTRX1 to MTRX4( 1/4" TRS balanced port) 8 way auxiliary output AUX1 to AUX8(XLR balanced port) 1 stereo USB disk recording 1 stereo monitor( 1/4" TRS stereo port and 16Ω minimum impedance headphone)
Dimension(WxDxH)	MD16: 438x 455x 145mm MD16R: 428x 520x 238mm	483x 340x 135mm
Net Weight	MD16 :7.0 kg MD16R:8.5kg	7.5 kg
Temperature range	Operating temperature range:0°C to 40°C Storage temperature range:-20°C to 60°C	Operating temperature range:0°C to 40°C Storage temperature range:-20°C to 60°C



#### FEATURES

- With the dual digital signal processors(DSP) of the fourth generation(SIMD core), precise 450MHz/40bit floating-point mathematical operation, 24bit/48KHz high performance ADC/ DAC.
- All Mic/Line input channels are configured with 48V Phantom power supply, Polarity switching (Phase), Noise gate (Gate), Compressor (Comp), 4-band parametric frequency Equalizer (PEQ)/including high shelf filter(HSF), low shelf filter(LSF), high pass filter(HPF), low pass filter(LPF).
- All output channels are configured with Delay, Compressor (Comp), graphic frequency Equalizer (GEQ), 4-band parametric frequency Equalizer (PEQ) / including high shelf filter (HSF), low shelf filter (LSF), high pass filter (HPF), low pass filter(LPF).
- Configuration 4 professional DSP effectors (FX), 6 effect types: Chorus, Echo, Flanger, Pitch-Shift, Reverb, ping-pong (Stereo Delay), totally over one hundred types of effect preset.
- 8~16 DCA volume groups and 8 MUTE groups that can be easily operated with one key.
- ▶ The color 1.44-inch TFT navigation screen .
- Voltage range (85Vac~ 240Vac),
- TQ-32 / TQ-22 / TQ-18 mixer provides Wireless WiFi hot spot, the IOS device (Apple iPad etc.) can be wirelessly connected to the mixer for remote controlled operation.



TQ-18



TQ-22

