



16-CHANNEL AUDIO MIXER



+ INPUT SECTION

- Audio mixer with 10 mono input channels that can be fed as MIC via XLR sockets or as LINE via 6.3 mm jack sockets. CH 9/10 & 11/12 can be fed as stereo input channels via two 6.3 mm jack sockets each. CH 13/14 & 15/16 can be used as both mono (L) and stereo (L/R) via 6.3 mm jack sockets.
- The mono CH 1-8 have gain pre-controls for MIC "Gain" and for LINE "Trim", as well as 4-band CH-EQ and low cut switch (75Hz). CH 9/10 & 11/12 have pad switches (-20dB) and 3-band CH-EQ. CH 13/14 & 15/16 are equipped with 3-band CH-EQ. Panorama control for mono and balance control for stereo for sound distribution.
- Pre-listening of all CH is possible via adjustable headphone output and PFL in the CH. One pre-fader and one post-fader aux path each, as well as assignment selector switches for Main L/R and Sub 1/2 for the alternative master output per CH.  
gear available.
- CH-Insert for CH 1& 2 PRE-Fader/PRE-EQ enable the insertion of external signals.
- Phantom power is available for all mic inputs (+48V DC) can be switched on centrally.

+ MASTER SECTION

- For main output, there are two stereo output sockets via stereo master faders (L+R) with LED meter display as well as 2 alternative output sockets via separately adjustable SUB-1 and Sub-2 faders.
- 2 RCA input sockets with level control and 2 RCA output sockets serve for 2 track IN/OUT (L/R). 2 unbalanced aux sends and 2 adjustable aux returns can be connected to the monitor path.

+ HIGHLIGHTS

- A switchable digital effects board with 16 high-quality effects can be mixed into the sum via an adjustable DSP master and into the monitor path using a switch. A mono out jack socket with level control is used for additional pre-amplified signal output.
- FMX-1602 is designed as a desktop device or for 19" installation. The 19" mounting brackets "RMK-16" (8 HE) are optionally available.

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Technical data	FMX-1602
input sensitivity	MIC -55dBu (mono) 1.3 kOhm (balanced)
	LINE -35dBu (mono), -20dBu (stereo)
	All other inputs >10 kOhm
output sensitivity	Tape Output 1.0kOhm
	All other outputs <100 Ohm
signal-to-noise ratio	better than 90dB
crosstalk attenuation	better than 85dB
frequency range	20Hz – 60kHz +0 / -1.5dB
tone control in the channel	Treble: 12kHz shelving ±15dB
	High mids: 3.0kHz peaking ±12dB
	Low mids: 800Hz peaking ±12dB
	Bass: 80Hz shelving ±15dB
	Low Cut: 18dB/Oct. @ 75Hz
Phantom Power	+48V DC
power supply	220V – 240V/AC, 50–60 Hz
power consumption	25 watts
dimensions (WxHxD)	411 x 354 x 72mm (without edge and feet)
Weight	5.7 kg

model names

Audio mixer, 16 channels . ...  
19" rack mount kit, 8U. ....RMK-16