

# FMX-1602

## PROFESSIONAL AUDIO MIXER

**RCS**  
stage-sound



### INPUT-SECTION

- Top-quality mixer with 10 mono input channels, which can be supplied as MIC over XLR sockets or as LINE over 6.3 mm jack sockets. Channels 9/10 & 11/12 may also be supplied as stereo input channels, each over two 6.3 mm jack sockets. Channels 13/14 & 15/16 can be operated both mono (L) and stereo (L/R) over 6.3 mm jack sockets.
- The mono channels 1-8 have amplification pre-controls for MIC „Gain“ and for LINE „Trim“ as well as a 4-band CH-EQ and a low cut switch (75 Hz). CH 9/10 & 11/12 feature a pad switch (-20 dB) and a 3-band CH-EQ. CH 13/14 & 15/16 are equipped with a 3-band CH-EQ. There are panorama controls for mono and balance controls for stereo.
- Pre-listening of all channels is possible over an adjustable headphone output as well as the “Solo function” of the CH. The mixer also features a pre-fader and a post-fader AUX way as well as allocation selector switches for Main L/R per channel and additionally SUB 1/2 for the alternative total output.
- CH insert for channel 1 and 2 PRE-fader/PRE-EQ allows feeding in external signals (e.g. compr./lim./gate).
- Phantom power is centrally switchable for all MIC inputs (+48 V DC).

### MASTER-SECTION

- Two stereo output sockets for main output can be supplied by a stereo master fader (L+R) with LED meter display. Two alternative output sockets (6.3 mm jack unbalanced) are fed over separately adjustable SUB-1- and SUB-2-faders.
- 2 RCA input sockets with level input controls and two RCA output sockets for 2-track IN/OUT per L/R. 2 unbalanced AUX sends and 2 adjustable AUX returns are available. The AUX returns can be switched on to the monitor way.

### HIGHLIGHTS

- A switchable digital effects board allows adding 16 high-grade effects with an adjustable DSP master to the sum and with a switch to the monitor way also. An additional mono out jack socket with a level control enables another pre-amplified signal output. FMX-1602 is designed to be tabletop unit or for integration into 19" racks. The 19" mounting angles „RMK-16“ (8 RU) are optionally available.

### Technical Data

### FMX-1602

Input sensitivity	MIC -55 dBu (mono) 1.3 kohms (balanced) LINE -35 dBu (mono), -20 dBu (stereo) all other inputs >10 kohms
Output sensitivity	Tape output 1.0 kohm all other outputs <100 ohms
Signal-to-noise ratio	better than 90 dB
Crosstalk	better than 85 dB
Frequency response	20 Hz – 60 kHz +0 / -1.5 dB
Channel equalizer	Highs: 12 kHz shelving ±15 dB High mids: 3.0 kHz peaking ±12 dB Low mids: 800 Hz peaking ±12 dB Lows: 80 Hz shelving ±15 dB Low cut: 18 dB/oct. @ 75 Hz
Phantom power	+48 V DC
Power supply	220V – 240V/AC, 50–60 Hz
Input power	25 W
Dimensions (W x H x D)	411 x 354 x 72 mm (without edges and little feet)
Weight	5.7 kg

### Model designations

Audio Mixer, 16 channels ..... **FMX-1602**  
19" Rack-Mounting-Kit, 8 RU..... **RMK-16**