

MQ10FX

COMPACT 10-CHANNEL MIXER WITH FX



MQ is a series of mixers created by PROEL to offer in a very compact and stylish package a high input density, a full set of features and a superior audio quality, at a very convenient price point. The MQ series includes 5 models with 6, 10, 12 and 16 inputs, able to satisfy most of the sound reinforcement applications. Carefully designed and engineered in Italy by PROEL R&D, MQ mixers are hosted in ultra-rugged cases, providing extended durability for a stage-proof use.

The smallest models of the series, MQ6 and MQ6FX, offer in an ultra-compact format the performance of professional consoles, delivering a clean and accurate sound. The MQ6FX, despite its small size, includes a high-quality 24-bit DSP able to provide musicians and performers with studio-grade effects.

MQ10FX, together with 3-band EQ and one-knob intelligent COMPRESSORS, offers also 100 DSP presets with a convenient LED display for the selection.

MQ12USB additional features include an USB audio I/O interface and extended mixing capability with MONITOR send, STEREO GROUP bus and 45mm control faders.

The top-of-the-line MQ16USB feature 16 inputs and 12 microphone channels together with sweep mids and one-knob intelligent COMPRESSORS on mono channels, 4 AUX sends, STEREO GROUP bus and 60mm control faders.

Optional padded carrying bags and metal brackets for 19" rack mounting are available for selected models.

- Compact 10-input 2-bus mixer with effect
- 2 MONO MIC/LINE inputs, 2 STEREO MIC/LINE inputs and 2 STEREO LINE inputs
- 4 low-noise, very high-headroom microphone preamplifiers
- PHANTOM power
- ‘One-knob’ COMPRESSOR with LED indicator on MONO channels
- 3-band EQ and LO-CUT filter
- 1 EFFECT send
- 24bit studio-grade digital effect with 100 presets, 2-digit display and footswitch MUTE
- HEADPHONES and CONTROL ROOM outputs
- Electronically balanced MAIN MIX outputs with XLR-M and ¼" JACK connectors
- Two 8-LED VU-METERS
- Stage-proof construction and ultra-rugged metal chassis
- Designed and engineered in Italy by PROEL

MONO INPUT CHANNEL

Mic Input	sensitivity	from -10 to -50 dB	Balanced XLR-F
	impedance	2 Kohm	
Line Input	sensitivity	from +20 to -20 dB	Balanced JACK
	impedance	10 Kohm	
Lo cut		75Hz, 18dB/oct.	
EQ	HIGH (shelving)	±15 dB @ 12KHz	
	MID (peaking)	±15 dB @ 2.5KHz	
	LOW (shelving)	±15 dB @ 80Hz	
Compressor	Fet	CH 1-2, 1-knob	

STEREO INPUT CHANNEL

Mic Input	sensitivity	from -10 to -50 dB	Balanced XLR-F
	impedance	2 Kohm	
Line Input	sensitivity	from +20 to -20 dB	Balanced JACK
	impedance	10 Kohm	
Line Input	sensitivity	-10 dB	Balanced JACK, RCA
	impedance	10 Kohm	
EQ	HIGH (shelving)	±15 dB @ 12KHz	
	MID (peaking)	±15 dB @ 2.5KHz	
	LOW (shelving)	±15 dB @ 80Hz	

MASTER SECTION

MAIN MIX	nom. out level	+4 dBu	Balanced JACK and XLR-M
C.ROOM output	nom. out level	0 dBu	Unbalanced JACK
FX/AUX output	nom. out level	0 dBu	Unbalanced JACK
HEADPHONES	min. impedance	32 ohm	
	max. out level	(2x) 193 mW	Stereo JACK

DIGITAL EFFECT PROCESSOR

Effects		100 presets	
A/D and D/A converters		24 bit	
DSP resolution		24 bit	
Controls		2-DIGIT display, DIAL, PEAK LED, MUTE switch, MUTE footswitch	

GENERAL SPECIFICATIONS

Maximum level	all outputs	+22 dBu	
Crosstalk	meas. at 1 KHz	> 82 dBu	
HUM & Noise	unweighted	< -93 dBu	
THD + Noise	at +4dB, 1kHz	< 0,008 %	
Dimensions (WxHxD)		275 x 279 x 81 mm	
Weight		2.50 kg	

POWER REQUIREMENTS

Supply		18 VAC 1000 mA - use only supplied AC/AC ADAPTER	
Mains Supply Voltage		110-120 VAC (±10%) 50 / 60 Hz (US plug)	
		230-240 VAC (±10%) 50 / 60 Hz (EU plug)	
		240 VAC (±10%) 50 / 60 Hz (UK plug)	