

MQX SERIES

PROFESSIONAL MIX.
ANYWHERE.



PROEL 

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Compact. Powerful. Professional.

The MQ series by PROEL is designed to deliver high power (a powerful set of functions) and high sound quality in mixers with a compact, elegant design. Each model condenses PROEL's Italian know-how into solutions created for those who demand professional performance and reliability, without sacrificing the versatility of Bluetooth and the built-in media player.



THE NEW MIX FRONTIER: MQX

The new MQX series takes the renowned MQ quality to the next level, combining digital technology, connectivity and ease of use. The powerful 24-bit DSP offers 99 studio-grade effects with adjustable parameters and an easy-to-read LED display.

The integrated MP3 module lets you play music and audio content via Bluetooth, USB flash drive or PC, while the USB connection also allows direct play and recording of your mix to a computer with professional audio quality.

BUILT TO LAST

Rugged, reliable and ready for any stage. MQX mixers are built to ensure consistent performance and withstand the challenges of everyday use.

Optional padded carrying bags and 19" rackmount kits are available for easy, professional handling on the move or in fixed installations.



MQ1222X – COMPACT CONTROL FOR ANY EVENT

The PROEL MQ1222X is a compact 12-channel mixer, ideal for bands, small events, venues and installations where space is at a premium.

- 6 high-quality microphone preamps provide faithful, transparent sound with any type of microphone or acoustic instrument.
- Each mono channel features an intelligent one-knob compressor to easily control peaks and make vocal mixes more consistent.
- The built-in 24-bit DSP offers 99 professional digital effects, customisable via LED display.
- With two AUX sends, a stereo group and 45 mm faders, control is precise and intuitive, ideal for live situations, podcasts, streaming and fixed installations.
- USB and Bluetooth connectivity, together with direct-to-PC recording, make the MQ1222X perfect for creating high-quality digital content.



MQ1642X – VERSATILITY AND POWER FOR BIG PERFORMANCES

The PROEL MQ1642X is the ideal solution for those who need more channels, advanced control and maximum sonic detail.

- 16 total inputs (including 12 mic inputs) provide higher capacity, perfect for larger bands or complex setups.
- Each mono channel includes a parametric equaliser for more sophisticated and personalised tone shaping, plus intelligent compressor.
- The professional DSP offers 99 adjustable effects: reverbs, delays, chorus and more to colour the mix as desired.
- With four AUX sends, two stereo groups and robust 60 mm faders, MQ1642X gives full control over every detail of a musical performance or technical installation.
- The USB audio interface allows direct recording from the mixer to a PC, while the integrated MP3 playback lets you manage backing tracks, jingles and custom tracks via Bluetooth or USB.



MQ1222X
MQ1642X
MONO INPUT CHANNEL

Mic Input	sensitivity	from -10 to -50 Db - Balanced XLR-F	from -10 to -50 Db - Balanced XLR-F
	impedance	3 Kohm	3 Kohm
Line Input	sensitivity	from +20 to -20 dB - Balanced JACK	from +20 to -20 dB - Balanced JACK
	impedance	30 Kohm	30 Kohm
Lo cut		75Hz, 18dB/oct.	75Hz, 18dB/oct.
EQ	HIGH (shelving)	±15 dB @ 12 KHz	±15 dB @ 12 KHz
	MID (peaking)	±15 dB @ 2.5 KHz	±15 dB from 100 Hz to 8 kHz
	LOW (shelving)	±15 dB @ 80 Hz	±15 dB @ 80 Hz
Compressor	Fet	CH 1-4, 1-knob	CH 1-8, 1-knob

STEREO INPUT CHANNEL

Mic Input	sensitivity	from -10 to -50 dB - Balanced XLR-F	from -10 to -50 dB - Balanced XLR-F
	impedance	3 Kohm	3 Kohm
Line Input	sensitivity	from +20 to -20 dB - Balanced JACK	from +20 to -20 dB - Balanced JACK
	impedance	30 Kohm	30 Kohm
Line Input	sensitivity	-10 dBv - Balanced JACK	
	impedance	10 Kohm	
EQ	HIGH (shelving)	±15 dB @ 12 KHz	±15 dB @ 12 KHz
	MID (peaking)	±15 dB @ 2.5 KHz	±15 dB @ 2.5 KHz
	LOW (shelving)	±15 dB @ 80 Hz	±15 dB @ 80 Hz

MASTER SECTION

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

DIGITAL MULTIEFFECT /PLAYER

Effects		99 presets	99 presets
FX DSP resolution		24 bit	24 bit
Bluetooth		Version 5.0, Audio Streaming	Version 5.0, Audio Streaming
PC USB interface		USB 2.0 / 3.0 - Type C	USB 2.0 / 3.0 - Type C
USB player		USB 2.0 / 3.0 - Type C	USB 2.0 / 3.0 - Type C
A/D and D/A converters		24 bit 48KHz	24 bit 48KHz
Controls		LCD, DIAL, PEAK LED, MUTE switch, MUTE footswitch	LCD, DIAL, PEAK LED, MUTE switch, MUTE footswitch

MQ1222X

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GENERAL SPECIFICATIONS

Maximum level	all outputs	+22 dBu	+22 dBu
Crosstalk	meas. at 1 KHz	> 82 dBu	> 82 dBu
HUM & Noise	unweighted	< -93 dBu	< -93 dBu
THD + Noise	at +4dB, 1kHz	< 0,008 %	< 0,008 %
Dimensions (WxHxD)		352 x 352 x 90 mm	481 x 432 x 104 mm
Weight		3.90 kg	6,30 kg

POWER REQUIREMENTS

Mains Supply Voltage		110-240 VAC (±10%) 50 / 60 Hz available with: - Europe mains cord (Shucko plug) - US mains cord (NEMA 5-15P plug) - UK mains cord (BS1363 plug)	110-240 VAC (±10%) 50 / 60 Hz available with: - Europe mains cord (Shucko plug) - US mains cord (NEMA 5-15P plug) - UK mains cord (BS1363 plug)
Consumption		50 W	50 W



PROEL

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