

PROFX12

- ▶ **The most complete and professional feature set in its class**
- ▶ **Everything needed to pull off a great show**
 - 6 Mackie mic preamps
 - Integrated effects, GEQ, 3-band channel EQ
 - USB I/O for recording or playback from a Mac or PC
- ▶ **Ridiculously rugged and durable—a solid investment**
- ▶ **Great for small venues where an engineer may/may not be around**



FEATURES

- ▶ Professional 12-channel Compact Mixer with onboard effects and USB I/O
- ▶ 6 low-noise, high-headroom Mackie mic preamps with easy LED metering
- ▶ 32-bit RMFX™ processor with 16 “Gig-Ready” reverbs, choruses and delays
- ▶ Precision 7-band graphic EQ for tuning Mains or Monitors
- ▶ USB I/O for recording shows and music playback via Mac or PC
- ▶ 4 full stereo channels plus extra stereo return for keyboards, external effects or stereo playback devices
- ▶ 60mm faders for input channels, returns and Main/Monitor masters
- ▶ 3-band active EQ (80Hz, 2.5kHz and 12kHz) on all channels
- ▶ Hi-Z input for direct connection of guitar, bass and other instruments
- ▶ Insert, 100Hz low cut filter, and 48V phantom power on all mic channels
- ▶ Stereo RCA tape I/O with input level control
- ▶ Headphone output with separate rotary level control
- ▶ Balanced XLR and balanced/unbalanced 1/4-inch Main outputs
- ▶ FX mute with remote control via footswitch
- ▶ Break switch mutes all channels for music playback between sets
- ▶ Built-like-a-tank steel chassis with rugged, yet stylish ABS sidecheeks
- ▶ “Planet Earth” switching power supply for worldwide use
- ▶ Includes Traktion 3 Music Production Software for Mac or PC



MACKIE®

SPECIFICATIONS

Noise: 20 Hz – 20kHz, 150 Ohm Source Impedance

Equivalent Input Noise (Mic in to Insert Send out, max gain)	-127 dBu
Residual Output Noise:	
(All outputs, master levels off, all channel levels off)	-95 dBu
(All outputs, master levels unity, all channel levels off)	-90 dBu
(All outputs, master levels unity, one channel level unity)	-85 dBu

Distortion: 20Hz – 20kHz

THD+N, SMPTE IMD (Mic input to Main output)	<0.05% @ +4 dBu output
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Common Mode Rejection Ratio

1 kHz (Mic input to Insert Send output)	60 dB gain at unity
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Frequency Response

20Hz – 30kHz (Mic input to any output, gain at unity)	+0 dB/-1 dB
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Crosstalk: 20Hz – 20kHz

Adjacent Inputs	-90 dB @ 1 kHz
Inputs to Outputs	-90 dB @ 1 kHz
Fader Off	-90 dB @ 1 kHz
Mute Switch/Break Switch Mute	-90 dB @ 1 kHz

Maximum Levels

All Inputs	+22 dBu
Main Mix XLR	+28 dBu
All other outputs	+22 dBu

Impedances

Mic in	3 kilohms
Channel Insert return	10 kilohms
Ch 1 Instrument Input	1 Megaohm
All other inputs	20 kilohms
Tape out	1.1 kilohms
Phones out	25 ohms
All other outputs	120 ohms

Channel EQ

Low Cut	100Hz, -18dB/Octave
High Shelving	±15dB @ 12 kHz
Mid Peaking	±15dB @ 2.5 kHz
Low Shelving	±15dB @ 80 Hz

Digital Effects

I/O	Mono Input/Stereo Output
Number of Presets	16 Mackie-designed presets

Meters

Main L/R Mix	
Two columns of 12 segments each:	
OL (+20 dBu), +15, +10, +6, +3, 0 (0 dBu), -2, -4, -7, -10, -20, and -30	

7 Band Graphic EQ

Frequency Centers:	125, 250, 500, 1k, 2k, 4k, 8k
Gain:	±15dB
Assignable to Main or Monitor	
Bypassable	

USB

Format:	USB 1.1
I/O:	Stereo Input/Stereo Output
A/D/A:	16 Bit, 44.1kHz/48kHz

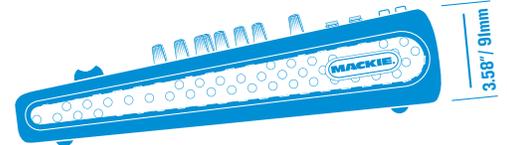
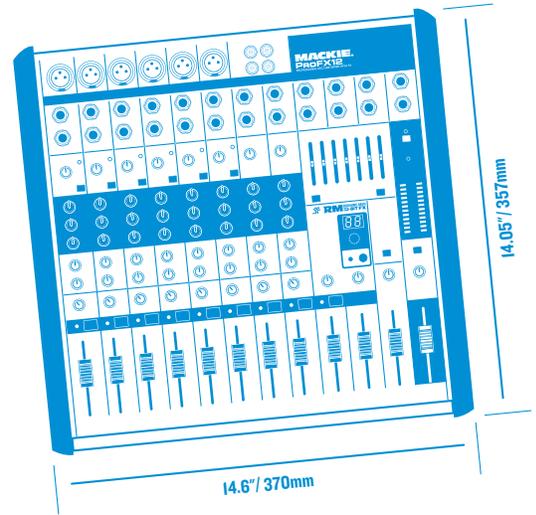
Phantom Power

48 VDC to all Mic channels at once

AC Power Requirements

Voltage Range:	100-240 VAC, 50-60 Hz
Power Consumption:	20 Watts
Power Connector:	3 Pin IEC

WEIGHT
9 lbs./4.1 kg



MACKIE

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