

PROFX8

- ▶ The most complete and professional feature set in its class
- ▶ Everything needed to pull off a great show
 - 4 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
- ▶ Perfect for solo performers or small performing acts who mix on stage



FEATURES

- ▶ Professional 8-channel Compact Mixer with onboard effects and USB I/O
- ▶ 4 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
- ▶ 3 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 Tracktion 3 Music Production Software for Mac or PC



MACKIE®

SPECIFICATIONS

Noise: 20 Hz – 20 kHz, 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 |
|---|------------------------|

Common Mode Rejection Ratio

| | |
|---|--------------------|
| 1 kHz (Mic input to Insert Send output) | 60dB gain at unity |
|---|--------------------|

Frequency Response

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

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

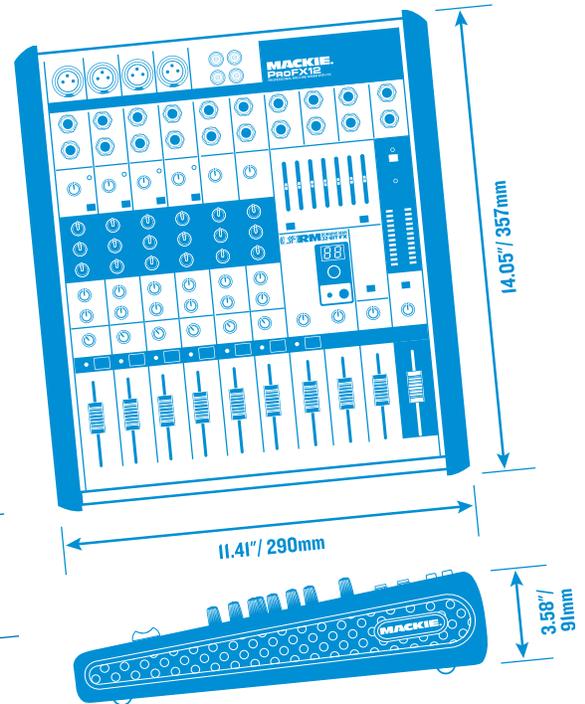
| |
|------------------------------------|
| 48 VDC to all Mic channels at once |
|------------------------------------|

AC Power Requirements

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

WEIGHT

7.1 lb
3.2 kg



MACKIE