Mackie ProFXv3 Series Effects Mixers with USB are the ultimate affordable solution for live sound, home recording, and content creators available in 6, 10, 12, 16, 22, and 30 channels.

Now with our renowned Onyx™ mic preamps that offer 60 dB of headroom, everything from gain hungry mics to guitars will sound better than ever. And you can keep it all in check with easy single-knob compression.

The new GigFX™ effects engine offers 24 built-in FX for even more options for adding the finishing touch.

Record your tracks in 24-Bit/192kHz quality with 2x4 USB I/O with zero-latency hardware monitoring for easy overdubs. Both ProTools® | First and Waveform™ OEM recording software/plugin packages are included.

### FEATURES:

- **Mix / Record / Create**
  - We’ve taken our most popular mixer series and given it major upgrades that will take your sound quality to the next level
  - Perfect for live sound, home recording, content creation, and live streaming
  - With models available in 6, 10, 12, 16, 22, and 30 channels, you can get the perfect mixer for your application or go big and be ready when the need comes

- **Renowned Onyx Mic Preamps**
  - With up to 60 dB of gain and ultra-low noise, ProFXv3 mixers allow you to sound better than ever
  - Perfect for microphones popular with content creators that require high-gain preamps

- **High-Resolution GigFX™ Effects Engine**
  - With 24 different FX options, from reverb to delays, adding some drama to your sound is easy easy... easy.... easy.... easy (Delay, get it?)

- **24-Bit / 192kHz 2x4 USB Recording Interface**
  - Lay down your tracks in incredible 24-Bit / 192kHz quality for the cleanest recordings possible
  - 2x4 USB I/O allows you to create two custom mixes on your computer to send back into your ProFXv3 mixer, great for situations when you need to monitor specific tracks during playback in addition to the full mix

- **Effortless Latency-Free Monitoring**
  - With a single knob, you can blend between monitoring your computer’s output and a direct feed from the mixer
  - Great for recording overdubs alongside a pre-recorded track

- **Single-Knob Compression**
  - Keep your input levels in check and get maximum channel headroom with the quick turn of a knob
  - Great for giving vocals the finishing touch in live, recording, and even streaming applications

- **Record and Produce Like a Pro**
  - ProTools® | First and Waveform™ OEM professional software and plugin packages included
  - The Musician Collection for ProTools | First includes 23 plugins like BBD Delay, Eleven Lite, 304 EQ, and 304C Compressor
  - The DAW Essentials™ Bundle for Waveform™ OEM includes 16 powerful plugins like Equaliser, Compressor, Reverber8, and Limiter

- **Signature Rugged Design**
  - Legendary Built-Like-A-Tank™ design
  - Solid steel chassis protects your investment
  - Tough ABS side protection

- **Accessories**
  - Protective dust cover (sold separately) *
  - Protective bag (sold separately) **

* Not available for ProFX6v3
** Not available for ProFX30v3
PROFXV3 SPECIFICATIONS

Noise Characteristics
Equivalent Input Noise (EIN)
(150 Ω Source Impedance, 20 Hz to 20 kHz)
Mic in to Insert Send out, max gain –126 dBu\(^1\)
–128 dBu\(^2\)

Residual Output Noise
All outputs, master levels off, all channel levels off –95 dBu
All outputs, master levels unity, one channel level unity –80 dBu\(^1\)
–85 dBu\(^2\)

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

Distortion
(22 Hz to 80 kHz bandwidth)
Mic in to Main Out (+4 dB output) <0.03%\(^1\)
<0.01%\(^2\)

Attenuation and Crosstalk
Adjacent Inputs @1 kHz –90 dB
Inputs to Outputs @1 kHz –80 dB
Fader Off @1 kHz –75 dB
Mute Switch / Break Switch Mute @ 1 kHz –90 dB\(^1\)
–100 dB\(^2\)

Common Mode Rejection Ratio (CMRR)
Mic in to Main out, max gain, 1 kHz 70 dB

Maximum Levels
All inputs +22 dBu
Main Mix XLR +28 dBu
All other outputs +22 dBu

Impedances
Mic in 3.3 kΩ
Channel Insert Return 10 kΩ
All other inputs ≥20 kΩ
Phones out 25 Ω
All other outputs 120 Ω Unbalanced, 240 Ω Balanced

Equalization
ProFX6v3
Low ±15 dB @ 80 Hz
High ±15 dB @ 12 kHz
Low Cut Filter 18 dB/octave @ 100 Hz

ProFX10v3 • ProFX12v3
Low ±15 dB @ 80 Hz
Mid ±15 dB @ 2.5 kHz
High ±15 dB @ 12 kHz
Low Cut Filter 18 dB/octave @ 100 Hz

ProFX16v3 • ProFX22v3 • ProFX30v3
All Channels (except 1/8” stereo channel)
Low ±15 dB @ 80 Hz
Mid ±15 dB@ 100 Hz – 8 kHz
High ±15 dB @ 12 kHz
Low Cut Filter 18 dB/octave @ 100 Hz

1/8” Stereo Channel
Low ±15 dB @ 80 Hz
Mid ±15 dB @ 2.5 kHz
High ±15 dB @ 12 kHz

Maximum Voltage Gain (EQ Flat)
Mic Input Channel to
Insert Output 60 dB
1/4” Main Output 80 dB
XLR Main Output 86 dB
1/4” Sub Output 80 dB
Aux Output (Pre-Fader) 80 dB
Aux Output (Post-Fader) 90 dB
FX Send 90 dB
FX Send [ProFX10v3] 80 dB
USB Output 70 dB

Mono Line Input Channel to
Insert Output 40 dB
1/4” Main Output 60 dB
XLR Main Output 66 dB
1/4” Sub Output 60 dB
Aux Output (Pre-Fader) 60 dB
Aux Output (Post-Fader) 70 dB
FX Send 70 dB
FX Send [ProFX10v3] 60 dB
USB Output 50 dB

Stereo Line Input Channel to
1/4” Main Output 20 dB
XLR Main Output 26 dB
1/4” Sub Output 20 dB
Aux Output (Pre-Fader) 20 dB
Aux Output (Post-Fader) 30 dB
FX Send 30 dB
FX Send [ProFX10v3] 20 dB
USB Output 10 dB

\(^1\) ProFX6v3, ProFX10v3, ProFX12v3
\(^2\) ProFX16v3, ProFX22v3, ProFX30v3
PROFXV3 SPECIFICATIONS CONTINUED...

1/8” Input to
1/4” Main Output  40 dB
XLR Main Output  46 dB
1/4” Sub Output  40 dB
Aux Output (Pre-Fader)  40 dB
Aux Output (Post-Fader)  50 dB
FX Send  50 dB
FX Send [ProFX10v3]  40 dB
USB Output  30 dB

USB Input to
XLR Main Output  46 dB

Digital Effects

Number of Presets  24

Meters

Main L/R Mix

ProFX6v3 – Two columns of 8 segments each:
OL, +14, +8, +4, 0 (0 dBu), −4, −12, −24

All other ProFXv3 mixers – Two columns of 12 segments each:
OL, +15, +10, +6, +3, 0 (0 dBu), −2, −4, −7, −10, −20, −30

USB

Format  USB 2.0
I/O  1 Stereo Input,
2 Stereo Outputs
A/D/A  24 bit, 44.1 kHz, 48 kHz, 96 kHz, 192 kHz

Phantom Power

48 VDC to all Mic channels simultaneously

AC Power Requirements

Power Consumption  30 watts (ProFX12v3)
40 watts (ProFX16v3)
45 watts (ProFX22v3)
50 watts (ProFX30v3)

Universal AC Power Supply  100 – 240 VAC, 50 – 60 Hz

Power Connector
ProFX6v3, ProFX10v3  12VDC @ 2A Class I Hard-Wired
Wall Mount Adapter

ProFX12v3, ProFX16v3, ProFX22v3, ProFX30v3  3-Pin IEC Line Cord

Physical Properties (product)

ProFX6v3:
Height:  2.9 in / 74 mm
Width:  7.5 in / 191 mm
Depth:  8.4 in / 213 mm
Weight:  2.6 lb / 1.2 kg

ProFX10v3:
Height:  3.3 in / 84 mm
Width:  10.7 in / 272 mm
Depth:  11.9 in / 302 mm
Weight:  4.9 lb / 2.2 kg

ProFX12v3:
Height:  4.0 in / 102 mm
Width:  13.0 in / 330 mm
Depth:  14.8 in / 376 mm
Weight:  7.9 lb / 3.6 kg

ProFX16v3:
Height:  4.4 in / 112 mm
Width:  17.7 in / 450 mm
Depth:  17.1 in / 434 mm
Weight:  15.2 lb / 6.9 kg

ProFX22v3:
Height:  4.4 in / 112 mm
Width:  24.1 in / 612 mm
Depth:  17.1 in / 434 mm
Weight:  19.8 lb / 9.0 kg

ProFX30v3:
Height:  4.4 in / 112 mm
Width:  32.3 in / 820 mm
Depth:  17.1 in / 434 mm
Weight:  26.5 lb / 12.0 kg
**PROFXv3 SPECIFICATIONS CONTINUED...**

### Physical Properties (packaged product)

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### Options

- **ProFX6v3 Carry Bag**: P/N 2051719
- **ProFX10v3 Carry Bag**: P/N 2051720
- **ProFX10v3 Dust Cover**: P/N 2051726
- **ProFX12v3 Carry Bag**: P/N 2051721
- **ProFX12v3 Dust Cover**: P/N 2051727
- **ProFX12v3 Rack Ear Kit**: P/N 2051623
- **ProFX16v3 Carry Bag**: P/N 2051722
- **ProFX16v3 Dust Cover**: P/N 2051728
- **ProFX16v3 Rack Ear Kit**: P/N 2051634
- **ProFX22v3 Carry Bag**: P/N 2051723
- **ProFX22v3 Dust Cover**: P/N 2051729
- **ProFX30v3 Dust Cover**: P/N 2051730

### Ordering Information

#### ProFX6v3 6 Channel Professional Effects Mixer with USB
- P/N 2051741-00 (US)
- P/N 2051299-01 (EU)
- P/N 2051299-02 (JP)
- P/N 2051299-03 (UK)
- P/N 2051299-04 (AU)
- P/N 2051299-05 (CN)
- P/N 2051299-07 (AR)
- P/N 2051299-08 (KR)

#### ProFX10v3 10 Channel Professional Effects Mixer with USB
- P/N 2051742-00 (US)
- P/N 2051300-01 (EU)
- P/N 2051300-02 (JP)
- P/N 2051300-03 (UK)
- P/N 2051300-04 (AU)
- P/N 2051300-05 (CN)
- P/N 2051300-07 (AR)
- P/N 2051300-08 (KR)

#### ProFX12v3 12 Channel Professional Effects Mixer with USB
- P/N 2051743-00 (US)
- P/N 2051301-01 (EU)
- P/N 2051301-03 (UK)
- P/N 2051301-05 (CN)
PROFXV3 SPECIFICATIONS CONTINUED...

ProFX16v3 16 Channel 4-Bus Professional Effects Mixer with USB

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<th>P/N 2051744-00 (US)</th>
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ProFX22v3 22 Channel 4-Bus Professional Effects Mixer with USB

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<th>P/N 2051745-00 (US)</th>
<th>P/N 2051303-01 (EU)</th>
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ProFX30v3 30 Channel 4-Bus Professional Effects Mixer with USB

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<th>P/N 2051746-00 (US)</th>
<th>P/N 2051304-01 (EU)</th>
<th>P/N 2051304-03 (UK)</th>
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PROFX6V3 DIMENSIONS

WEIGHT
2.6 lb
1.2 kg

8.4 in / 213 mm
7.5 in / 191 mm
2.9 in
74 mm

PROFX10V3 DIMENSIONS

WEIGHT
4.9 lb
2.2 kg

11.9 in
302 mm
10.7 in / 272 mm
3.3 in
84 mm
PROFX22V3 DIMENSIONS

WEIGHT
19.8 lb
9.0 kg

17.1 in
434 mm

24.1 in
612 mm

4.4 in
112 mm
Electronic files for this product are available at:
www.mackie.com

<table>
<thead>
<tr>
<th>Specification Sheet</th>
<th>ProFXv3_SS.PDF</th>
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<td>Owner's Manual</td>
<td>ProFXv3_OM.PDF</td>
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