



ProFXv3+ Series

Analog Mixers with Enhanced FX, USB Recording Modes and Bluetooth

Stream. Record. Create. Mackie ProFXv3+ is a professional analog mixer and USB-C audio interface with powerful enhancements for studio-quality recordings and live streams.

Capture your performance with award-winning Onyx preamps, channel EQ and analog compression. Upgraded GigFX+ effects enhance your sound, plus you can edit and save your presets on the fly via the full-color display.

Switch between recording modes to track dry or include the FX, or use loopback mode to stream video games or perform over backing tracks without feedback. You can even bring in podcast guests over the phone via Bluetooth® on a dedicated channel.

With easy connectivity, the warmth of analog and an upgraded FX engine, Mackie ProFXv3+ is the perfect centerpiece for your studio.

FEATURES:

- Onyx mic pres with up to 60 dB of gain and ultra-low noise performance
- High-resolution GigFX+™ effects engine
- Full-color LCD display for editing and saving effects presets
- 24-Bit / 192 kHz 2x4 USB-C audio interface
- Three recording modes: Standard, Loopback and Interface
- Bi-directional Bluetooth® for music playback and caller integration
- 2-band EQ on channels 1 and 2 [ProFX6v3+]
- 3-band EQ on all channels [ProFX10v3+ and ProFX12v3+]
- One-button compression on channels 1 and 2 [ProFX6v3+]
- One-knob compression on channels 1 and 2 [ProFX10v3+]
- One-knob compression on channels 1-4 [ProFX12v3+]
- Hi-Z switches allow direct connection of instruments
- 100 Hz low-cut filter and 48V phantom power on all mic channels
- Stereo 1/8" input
- Separate FX, monitor and subgroup busses [ProFX12v3+]
- Headphone output with separate level and blend control
- Easily blend between monitoring your computer output and a latency-free feed from the mixer
- Waveform OEM™ recording software Included
- Legendary Built-Like-A-Tank design
- Solid steel chassis
- Tough ABS side protection

APPLICATIONS:

Live sound mixing, houses of worship, clubs, gymnasiums, banquet halls, conference rooms, boardrooms, studio and field recording, video post-production, multimedia applications, broadcast, and many, many more.

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
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

Frequency Response

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

(22 Hz to 80 kHz bandwidth)	
Mic in to Main Out (+4 dBu output)	<0.03%

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

Common Mode Rejection Ratio (CMRR)

Mic in to Main out, max gain, 1 kHz	70 dB
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Maximum Levels

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

Impedances

Mic in	3.3 k Ω
Channel Insert Return	10 k Ω
All other inputs	≥ 20 k Ω
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

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
1/8" 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



PROFXv3+

PROFXv3+ SPECIFICATIONS CONTINUED...

Digital Effects

Number of Presets	12
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Meters

Main L/R Mix

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

All other ProFXv3+ mixers – Two columns of 12 segments each:
0L, +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+)
Universal AC Power Supply	100 – 240 VAC, 50 – 60 Hz
Power Connector ProFX6v3+, ProFX10v3+	12VDC @ 2A Class I Hard-Wired Wall Mount Adapter
ProFX12v3+	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

Physical Properties (packaged product)

ProFX6v3+:	
Height:	4.3 in / 109 mm
Width:	12.2 in / 310 mm
Depth:	9.5 in / 241 mm
Weight:	4.0 lb / 0.5 kg

ProFX10v3+:	
Height:	4.3 in / 109 mm
Width:	12.9 in / 328 mm
Depth:	15.0 in / 381 mm
Weight:	6.4 lb / 2.9 kg

ProFX12v3+:	
Height:	5.7 in / 145 mm
Width:	15.6 in / 396 mm
Depth:	18.2 in / 462 mm
Weight:	11.2 lb / 5.1 kg

PROFXV3+ SPECIFICATIONS CONTINUED...

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

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)

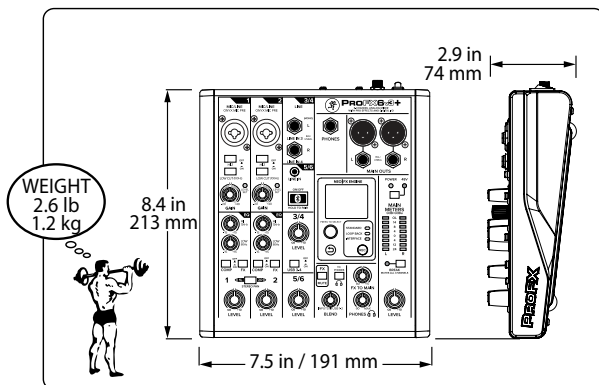
ProFX10v3+ 10 Channel Professional Effects Mixer with USB

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)

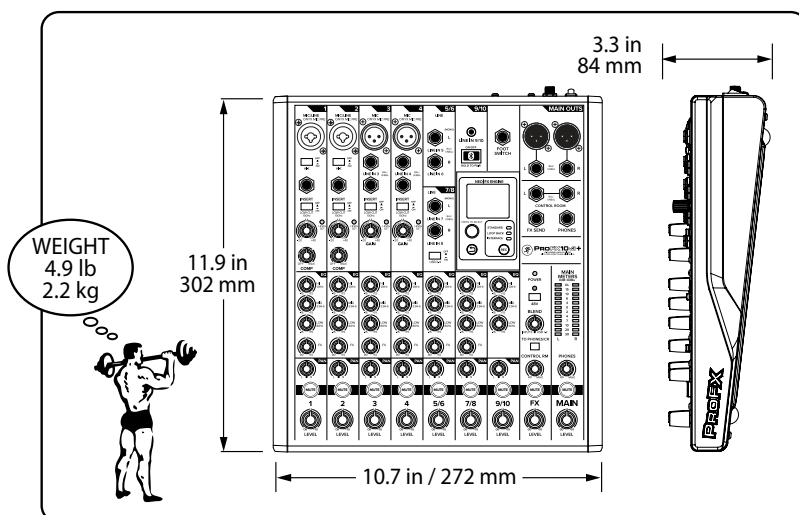
ProFX12v3+ 12 Channel Professional Effects Mixer with USB

P/N 2051743-00 (US)
P/N 2051301-01 (EU)
P/N 2051301-03 (UK)
P/N 2051301-05 (CN)

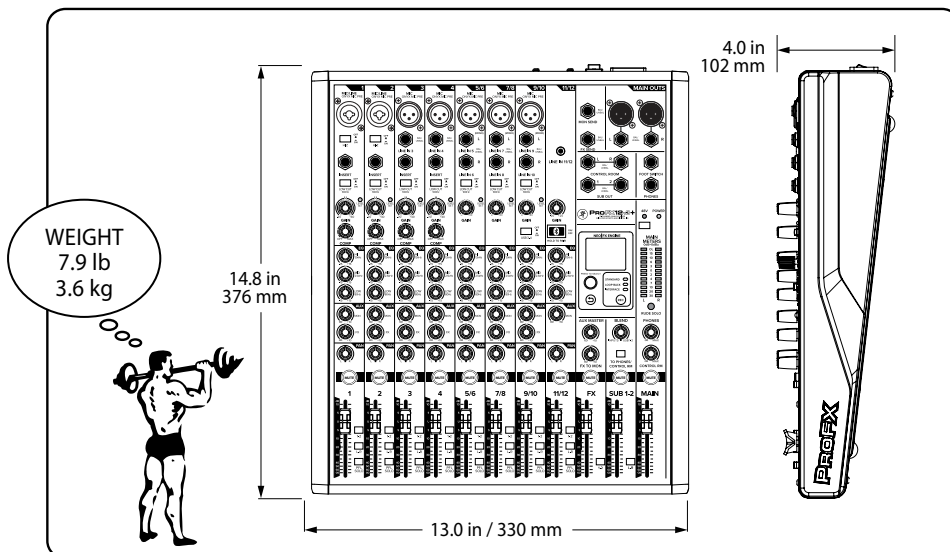
PROFX6V3+ DIMENSIONS



PROFX10V3+ DIMENSIONS



PROFX12V3+ DIMENSIONS





PROFXv3+



www.mackie.com
19820 North Creek Parkway #201
Bothell, WA 98011 USA
800-898-3211, Fax 425-487-4337

Part No. SW143I Rev. A 10/23

Electronic files for this product are available at:
www.mackie.com

Specification Sheet	PROFXV3+_SERIES_SS.PDF
Owner's Manual	PROFXV3+_SERIES_OM.PDF

LOUD Audio, LLC. is always striving to improve our products by incorporating new and improved materials, components, and manufacturing methods. Therefore, we reserve the right to change these specifications at any time without notice.

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