

PROFX3 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 dBu 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
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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 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

PROFX3 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
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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

PROFX3 SPECIFICATIONS CONTINUED...
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

ProFX16v3:	
Height:	8.2 in / 208 mm
Width:	20.4 in / 518 mm
Depth:	21.6 in / 549 mm
Weight:	20.1 lb / 9.1 kg

ProFX22v3:	
Height:	8.5 in / 216 mm
Width:	28.0 in / 711 mm
Depth:	21.8 in / 554 mm
Weight:	24.9 lb / 11.3 kg

ProFX30v3:	
Height:	8.7 in / 221 mm
Width:	37.8 in / 960 mm
Depth:	21.9 in / 556 mm
Weight:	32.2 lb / 14.6 kg

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

	P/N 2051744-00 (US)
	P/N 2051302-01 (EU)
	P/N 2051302-03 (UK)
	P/N 2051302-05 (CN)

ProFX22v3 22 Channel 4-Bus Professional Effects Mixer with USB

	P/N 2051745-00 (US)
	P/N 2051303-01 (EU)
	P/N 2051303-03 (UK)
	P/N 2051303-05 (CN)

ProFX30v3 30 Channel 4-Bus Professional Effects Mixer with USB

	P/N 2051746-00 (US)
	P/N 2051304-01 (EU)
	P/N 2051304-03 (UK)
	P/N 2051304-05 (CN)