

Mackie ProFX6v3 6-Channel Sound Reinforcement Mixer With Built-In FX Specs

Equivalent Input Noise	150-Ohm 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
THD+N	22 Hz to 80 kHz Bandwidth: Mic In to Main Out (+4 dBu Output): < .03%
Attenuation and Crosstalk	Adjacent Inputs at 1 kHz: -90 dB Inputs to Outputs at 1 kHz: -80 dB Fader Off at 1 kHz: -75 dB Mute Switch / Break Switch Mute at 1 kHz: -90 dB
Common Mode Rejection Ratio	Mic In to Main Out, Max Gain, 1 kHz: 70 dB
Maximum Level	All Inputs: +22 dB Main Out XLR: +28 dBu All other Outputs: +22 dBu

Impedance
Mic In: 3.8 Kiloohms
Channel Insert Return: 10 Kiloohms
All Other Inputs: ≥ 20 Kiloohms
Phones Output: 25 Ohms
All Other Outputs: 120 Ohms
Unbalanced, 240 Ohms Balanced

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

Maximum Voltage Gain

Mic Input Channel to:
1/4" Main Output: 80 dB
XLR Main Output: 86 dB
FX Send: 90 dB
USB Output: 70 dB

Mono Line Input Channel to:
1/4" Main Output: 40 dB
XLR Main Output: 66 dB
FX Send: 70 dB
USB Output: 50 dB

Stereo Line Input Channel to:
1/4" Main Output: 20 dB
XLR Main Output: 26 dB
USB Output: 10 dB

1/8" Input to:
1/4" Main Output: 40 dB
XLR Main Output: 46 dB
USB Output: 10 dB

Digital Effects
Number of Presets: 16

Meters
Main L/R Mix
Two Columns of 8 Segments Each:
OL, +14, +8, +4, 0 (0 dBu), -4, -12, -24

USB	Format: USB 2.0 I/O: 1 Stereo Input, 2 Stereo Outputs A/D/A: 24-Bit / 44.1, 48, 96, 192 kHz
Phantom Power	48 VDC to All Mic Channels Simultaneously
AC Power Requirements	Universal AC Power Supply: 100 - 240 VAC, 50 - 60 Hz Power Supply: 12 VDC at 2A Class I Hard-Wired Wall Mount Adapter
Dimensions	2.9 x 7.5 x 8.4" / 7.1 x 19.0 x 21.3 cm
Weight	2.6 lb / 1.2 kg

Packaging Info

Package Weight	4 lb
Box Dimensions (LxWxH)	19 x 13 x 9"

Mackie EM-89D EleMent Series Dynamic Vocal Microphone Specs

Microphone

Form Factor	Handheld / Stand/Boom Mount
Sound Field	Mono
Operating Principle	Pressure Gradient
Capsule	1 x Dynamic
Polar Pattern	Cardioid
Orientation	End Address
Circuitry	Solid-State
Pad	<i>None</i>
High-Pass Filter	<i>None</i>
Tone Adjustment	<i>None</i>
Indicators	<i>None</i>
On-Board Controls	<i>None</i>
Windscreen	Built-In

Performance

Frequency Range	50 Hz to 16 kHz
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Impedance	600 Ohms \pm 30% at 1 kHz
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Sensitivity	-52 dBV/Pa at 1 kHz
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Connectivity

Output Connectors (Analog)	1 x XLR 3-Pin Male (on Mic)
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Headphone Connector	<i>None</i>
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Number of Conductors	2
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Power

Operating Voltage	Not Specified by Manufacturer
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Physical

Color	Black
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Mounting	Mic Clip (Included)
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Dimensions	\varnothing : 2 x L: 7.3" / \varnothing : 5.08 x L: 18.54 cm
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Weight	0.66 lb / 0.3 kg
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Packaging Info

Package Weight 2.545 lb

Box Dimensions (LxWxH) 13 x 10.5 x 5.7"
