

4. Specifications

Mono Inputs

Microphone Inputs (XENYX Mic preamp)

Type	XLR connector, electronically balanced, discrete input circuit
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Mic E.I.N.¹ (20 Hz - 20 kHz)

@ 0 Ω source resistance	-134 dB / 135.7 dB A-weighted
@ 50 Ω source resistance	-131 dB / 133.3 dB A-weighted
@ 150 Ω source resistance	-129 dB / 130.5 dB A-weighted

Frequency Response

<10 Hz - 150 kHz	-1 dB
<10 Hz - 200 kHz	-3 dB
Gain range	+10 dB to +60 dB
Max. input level	+12 dBu @ +10 dB GAIN
Impedance	approx. 2.6 k Ω balanced
Signal-to-noise ratio	110 dB / 112 dB A-weighted (0 dBu In @ +22 dB GAIN)
Distortion (THD+N)	0.005% / 0.004% A-weighted

Line Input

Type	¼" TRS jack, electronically balanced
Impedance	approx. 20 k Ω balanced, approx. 10 k Ω unbalanced
Gain range	-10 dB to +40 dB
Max. input level	+22 dBu @ 0 dB GAIN

Fade-Out Attenuation² (Crosstalk Attenuation)

Main fader closed	90 dB
Channel muted	89.5 dB
Channel fader muted	89 dB

Frequency Response (Mic In → Main Out)

<10 Hz - 90 kHz	+0 dB / -1 dB
<10 Hz - 160 kHz	+0 dB / -3 dB

Stereo Inputs

Type	¼" TRS jack, electronically balanced
Impedance	approx. 20 k Ω
Max. input level	+22 dBu

Equalizer

EQ Mono Channels

LOW	80 Hz / ± 15 dB
MID	2.5 kHz / ± 15 dB
HIGH	12 kHz / ± 15 dB

EQ Stereo Channels

LOW	80 Hz / ± 15 dB
MID	2.5 kHz / ± 15 dB
HIGH	12 kHz / ± 15 dB

Send/Return

Aux Sends

Type	¼" TS jack, unbalanced
Impedance	approx. 120 Ω
Max. output level	+22 dBu

Stereo Aux Returns

Type	¼" TRS jack, electronically balanced
Impedance	approx. 20 k Ω balanced / approx. 10 k Ω unbalanced
Max. input level	+22 dBu

Outputs

Main Outputs

Type	¼" TRS jack, unbalanced
Impedance	approx. 120 Ω unbalanced
Max. output level	+22 dBu

Control Room Outputs

Type	¼" TS jack, unbalanced
Impedance	approx. 120 Ω
Max. output level	+22 dBu

Headphones Output

Type	¼" TRS jack, unbalanced
Max. output level	+19 dBu / 150 Ω (+25 dBm)

Main Mix System Data³ (Noise)

Main mix @ $-\infty$, channel fader @ $-\infty$	-106 dB / -109 dB A-weighted
Main mix @ 0 dB, channel fader @ $-\infty$	-95 dB / -98 dB A-weighted
Main mix @ 0 dB, channel fader @ 0 dB	-84 dB / -87 dB A-weighted

Power Supply**1002/802/502**

Power consumption	13 W
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USA/Canada

Adapter	BEHRINGER PSU MX3UL
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Mains voltage	120 V~, 60 Hz
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Europe/U.K./Australia

Adapter	BEHRINGER PSU MX3EU
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Mains voltage	230 V~, 50 Hz
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China

Adapter	BEHRINGER PSU MX3CC
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Input	220 V~ 50 Hz; 80 mA
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Output	2 x 18.5 V~, 2 x 150 mA
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Korea

Adapter	BEHRINGER PSU MX3KR
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Mains voltage	220 V~, 60 Hz
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Japan

Adapter	BEHRINGER PSU MX3JP
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Mains voltage	100 V~, 50/60 Hz
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1202

Power consumption	20 W
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USA/Canada

Adapter	BEHRINGER PSU MX5UL
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Mains voltage	120 V~, 60 Hz
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Europe/U.K./Australia

Adapter	BEHRINGER PSU MX5EU
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Mains voltage	230 V~, 50 Hz
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China

Adapter	BEHRINGER PSU MX5CC
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Input	220 V~ 50 Hz; 150 mA
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Output	2 x 17.5 V~, 2 x 650 mA
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Korea

Adapter	BEHRINGER PSU MX5KR
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Mains voltage	220 V~, 60 Hz
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Japan

Adapter	BEHRINGER PSU MX5JP
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Mains voltage	100 V~, 50/60 Hz
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Physical/Weight**1202**

Dimensions (H x W x D)	1.9 x 9.5 x 8.7" 47 x 220 x 242 mm
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Weight (Net)	4.8 lbs / 2.2 kg
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1002

Dimensions (H x W x D)	1.9 x 7.4 x 8.7" 47 x 189 x 220 mm
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Weight (Net)	3.5 lbs / 1.6 kg
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802

Dimensions (H x W x D)	1.9 x 7.4 x 8.7" 47 x 189 x 220 mm
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Weight (Net)	3.5 lbs / 1.6 kg
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502

Dimensions (H x W x D)	1.9 x 5.3 x 7" 47 x 134 x 177 mm
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Weight (Net)	2.6 lbs / 1.2 kg
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- 1 Equivalent Input Noise
- 2 Measuring conditions: 1 kHz rel. to 0 dBu; 20 Hz – 20 kHz; line input; main output; unity gain.
- 3 20 Hz – 20 kHz; measured at main output. Channels 1 – 4 unity gain; EQ flat; all channels on main mix; channels 1/3 as far left as possible; channels 2/4 as far right as possible; reference = +6 dBu.

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