

Behringer 1002FX Specs

Microphone Inputs

2 x XLR, electronically balanced, discrete input circuit

XENYX microphone preamps with 48 V phantom power (switchable)

Microphone EIN

(EIN 20 Hz to 20 kHz)

At 0 Ohm Source Resistance: -132.7 dB / 137 dB A-weighted

At 50 Ohms Source Resistance: -130 dB / 133.9 dB A-weighted

At 150 Ohms Source Resistance: -127.1 dB / 130.9 dB A-weighted

Frequency Response:

Gain Range: +10 to +60 dB

Maximum Input Level: +12 dBu at +10 dB gain

Impedance: 2.6 kOhms, approximately

Signal-to-Noise Ratio: -107 dB / -111 dB A-weighted (0 dBu In at +22 dB gain)

Distortion (THD+N): 0.005% / 0.003% A-weighted

Line Inputs

2 x 1/4" / 6.3 mm TRS, electronically balanced

Impedance: 20 kOhms balanced / 10 kOhms unbalanced (approximately)

Gain Range: -10 to +40 dB

Maximum Input Level: +20 dBu at 0 dB gain

Fade-Out/Crosstalk Attenuation

Main Fader Closed: 85 dB

Channel Fader Closed: 88 dB

Frequency Response

Microphone Input to Main Out:

Stereo Line Inputs

4 x pairs of 1/4" / 6.3 mm TRS, electronically balanced

Impedance: 20 kOhms balanced / 10 kOhms unbalanced (approximately, +4 dBu operating level)

Maximum Input Level: +22 dBu

Equalization

(EQ mono channels)

Low: 80 Hz (± 15 dB)

Mid: 2.5 kHz (± 15 dB)

High: 12 kHz (± 15 dB)

FX Send

1 x 1/4" / 6.3 mm TRS, unbalanced

Impedance: 120 Ohms (approximately)

Maximum Output Level: +22 dBu

Main Outputs

2 x 1/4" / 6.3 mm TRS, unbalanced

Impedance: 120 Ohms (approximately)

Maximum Output Level: +22 dBu

Control Room Outputs

2 x 1/4" / 6.3 mm TRS, unbalanced

Impedance: 120 Ohms (approximately)

Maximum Output Level: +22 dBu

Headphone Output	1 x 1/4" / 6.3 mm TRS, stereo, unbalanced Impedance: 150 Ohms (+25 dBm) Maximum Output Level: +19 dBu
Tape I/O	1 x pair RCA, stereo, unbalanced CD/tape inputs 1 x pair RCA, stereo, unbalanced tape outputs
Noise	Main Mix at $-\infty$, Channel Fader at $-\infty$: -105 dB / -108 dB A-weighted Main Mix at 0 dB, Channel Fader at $-\infty$: -94 dB / -97 dB A-weighted Main Mix at 0 dB, Channel Fader at 0 dB: -83 dB / -85 dB A-weighted
FX Section	Converter: 24-bit Sigma-Delta Sampling Rate: 40 kHz
AC Adapter	Input: 120 V, 60 Hz Output: 2 x 14.8 V, 2 x 500 mA
Dimensions (H x W x D)	1.9 x 7.4 x 8.7" / 47 x 189 x 220 mm
Weight	3.5 lb / 1.6 kg (approximately)

Packaging Info

Package Weight	4.81 lb
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Box Dimensions (LxWxH)

13.2 x 10.5 x 4"
