

# Behringer Q502USB Specs

Microphone Input	1 x XLR, Balanced, Discrete Input Circuit  XENYX Microphone Preamp with 15 V Phantom Power (On/Off Switchable)
Microphone EIN	<i>(EIN 20 Hz to 20 kHz)</i>  At 0 Ohm Source Resistance: -134 dB / -136 dB A-Weighted At 50 Ohms Source Resistance: -131 dB / -133 dB A-Weighted At 150 Ohms Source Resistance: -129 dB / -131 dB A-Weighted  Frequency Response: Frequency Response: Maximum Input Level: +12 dBu at +10 dB Gain  Impedance: 1.4 kOhms, Balanced  Signal-to-Noise Ratio: 110 dB A-Weighted (0 dBu In at +22 dB Gain)  Distortion (THD+N): 0.006% / 0.005% A-Weighted
Line Input	1 x 1/4" / 6.3 mm TRS, Balanced  Impedance: 20 kOhms Balanced, 10 kOhms Unbalanced  Gain Range: -10 to +40 dB  Maximum Input Level: +22 dBu at 0 dB Gain
Stereo Line Inputs	2 x Pairs of 1/4" / 6.3 mm TRS, Balanced  Impedance: 20 kOhms Balanced, 10 kOhms

Unbalanced

Gain Range: -20 dB TO +20 dB

Maximum Input Level: +22 dBu

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## 2-Track I/O

Input:

1 x Stereo Pair RCA, Unbalanced 2-Track Inputs

Impedance: 18 kOhms

Maximum Input Level: +22 dBu

Output:

1 x Pair RCA, Stereo, Unbalanced 2-Track Outputs

Impedance: 1 kOhm

Maximum Input Level: +22 dBu

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## Equalization

Low: 80 Hz ( $\pm 15$  dB) High: 12 kHz ( $\pm 15$  dB)

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## Main Outputs

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

Impedance: 120 Ohms, Balanced

Maximum Output Level: +22 dBu

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## Headphone Output

1 x 1/4" / 6.3 mm TRS, Stereo, Unbalanced

Maximum Output Level: +21 dBu, 150 Ohms (+25 dBm)

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## USB Interface

Connector: USB Type-B

Audio: Stereo I/O

Sample Rate: 48 kHz

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## Noise

Main Mix at  $-\infty$ , Channel Fader at  $-\infty$ : -105 dB / -108 dB A-weighted

Main Mix at 0 dB, Channel Fader at  $-\infty$ : -93 dB / -96 dB

dB A-weighted

Main Mix at 0 dB, Channel Fader at 0 dB: -83 dB /  
-85 dB A-weighted

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Power

Power Adapter: 120 V, 60 Hz

Power Consumption: 13 W

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Dimensions (W x D x H)

5.4 x 7.2 x 1.8" / 138 x 184 x 46 mm

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Weight

1.3 lb / 0.6 kg

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## Packaging Info

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Package Weight

3.6 lb

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Box Dimensions (LxWxH)

12 x 9.5 x 3.6"

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