

# Behringer X32 Specs

## Mixer

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Number of Analog Input Channels 40

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Max I/O Capacity **150 x** Input / **160 x** Output (with Optional Hardware)

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Number of Mic Preamps 16

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Mix Routing  
**1 x** Main LRC  
**16 x** Bus  
**6 x** Matrix  
**8 x** Aux Send  
**8 x** FX Return

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Presets **100 x** Scene

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Display  
**Main Display:**  
7" / 177.8 mm LCD Touchscreen  
**Channel Display:**  
LCD (Backlit)

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Display Resolution/Color  
**Main Display:**  
800 x 480 / 6-Bit Color  
**Channel Display:**  
128 x 64 / RGB Color

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Meters **3 x** 24-Segment LED

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# Signal Processing

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Internal Effects **8 x Stereo**  
**16 x Mono**

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# Digital Audio

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Sample Rates 44.1 / 48 kHz

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Bit Depth **AD/DA Conversion:**  
24-Bit

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DSP 40-Bit Floating Point

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Converter Dynamic Range **A/D:**  
109 dB  
**D/A:**  
108 dB

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Latency 0.8 ms (Console Input to Main Output)  
1.1 ms (Stagebox Input to Stagebox Output)

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# Performance

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Frequency Response 10 Hz to 22 kHz ⓘ

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Max Input Level **1/4" TRS Input:**  
+16 dBu  
**Mic Input:**  
+23 dBu

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Output Level

**1/4" TRS Output:**

+4 dBu (Nominal)

+16 dBu (Max)

**Headphone Output:**

+25 dBm (Stereo)

**XLR Output:**

+4 dBu (Nominal)

+21 dBu (Max)

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Analog Dynamic Range

**Input to Output:**

106 dB

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I/O Impedance

**1/4" Input:**

40 kilohms (Balanced)

20 kilohms (Unbalanced)

**Headphone Output:**

40 ohms

**Mic Input:**

5 kilohms (Unbalanced)

10 kilohms (Balanced)

**XLR Output:**

75 ohms (Balanced/Unbalanced)

**1/4" TRS Output:**

300 ohms (Balanced)

150 ohms (Unbalanced)

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Crosstalk

**Adjacent Channels:**

100 dB at 1 kHz

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CMRR

>70 dB at +20 dB Gain

>80 dB at +40 dB Gain

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EIN

-128 dBu (Input Shorted)

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Noise Floor

-87 dBu (A-Weighted)

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THD+N

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# Connectivity

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## Analog Inputs

**1 x** XLR Talkback Input  
**16 x** XLR Balanced Mic/Line Input  
**6 x** 1/4" TRS Aux Input  
**1 x** 2RCA Line/Aux Input

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## Analog Outputs

**2 x** 1/4" TRS Balanced Monitor Output  
**2 x** 1/4" TRS Headphone Output  
**6 x** 1/4" TRS Aux Output  
**1 x** 2RCA Aux/Line Output  
**8 x** XLR Balanced Line Output

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## Phantom Power

+48 V (Selectable on Individual Inputs)

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## Digital I/O

**1 x** RJ45 (Control)  
**1 x** RJ45 Ultranet (Control)  
**1 x** XLR AES3 Output  
**2 x** etherCON AES50/SuperMAC

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## MIDI I/O

**1 x** MIDI 5-Pin In  
**1 x** MIDI 5-Pin Out

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## USB

**1 x** USB Type-A (USB 2.0, Audio Playback, External Memory)

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## Expansion Ports

**1 x** 32 x 32 I/O Card ⓘ

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# Power

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## AC Input Power

100 to 240 VAC, 50 / 60 Hz

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## Power Consumption

120 W

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## Physical

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Dimensions 8.5 x 24.6 x 20" / 215 x 625 x 510 mm

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Weight 33.9 lb / 15.4 kg

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## Packaging Info

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Package Weight 46.4 lb

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Box Dimensions (LxWxH) 29.5 x 25 x 12.5"

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