

# Behringer X32 Specs

## Mixer

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Number of Analog Input Channels	40
Max I/O Capacity	<b>150 x</b> Input / <b>158 x</b> Output (with Optional Hardware)
Number of Mic Preamps	16
Mix Routing	<b>1 x</b> Main LRC <b>16 x</b> Bus <b>6 x</b> Matrix <b>8 x</b> Aux Send <b>8 x</b> FX Return
Presets	<b>100 x</b> Scene
Display	<b>Main Display:</b> 5" / 126 mm LCD Touchscreen
Display Resolution/Color	<b>Main Display:</b> 800 x 480 / 6-Bit Color
Meters	<b>3 x</b> 24-Segment LED

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## Signal Processing

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Internal Effects	<b>8 x</b> Stereo
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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" TRS Input:**

20 kilohms (Unbalanced)

40 kilohms (Balanced)

**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	<b>1 x</b> XLR Talkback Input <b>16 x</b> XLR Balanced Mic/Line Input <b>6 x</b> 1/4" TRS Aux Input <b>1 x</b> 2RCA Line/Aux Input
Analog Outputs	<b>1 x</b> 1/4" TRS Headphone Output <b>2 x</b> 1/4" TRS Balanced Monitor Output <b>6 x</b> 1/4" TRS Aux Output <b>1 x</b> 2RCA Aux/Line Output <b>8 x</b> XLR Balanced Line Output
Phantom Power	+48 V (Selectable on Individual Inputs)
Digital I/O	<b>1 x</b> RJ45 (Control) <b>1 x</b> RJ45 Ultranet (Control) <b>1 x</b> XLR AES3 Output <b>2 x</b> etherCON AES50/SuperMAC
MIDI I/O	<b>1 x</b> MIDI 5-Pin In <b>1 x</b> MIDI 5-Pin Out
USB	<b>1 x</b> USB Type-A (USB 2.0, Audio Playback, External Memory)
Expansion Ports	<b>1 x</b> 32 x 32 I/O Card ⓘ

## Power

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AC Input Power	100 to 240 VAC, 50 / 60 Hz
Power Consumption	120 W

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## Physical

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Dimensions 19.3 x 19.9 x 6.4" / 490 x 506 x 163 mm

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Weight 25.1 lb / 11.4 kg

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## Packaging Info

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Package Weight 36 lb

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Box Dimensions (LxWxH) 25 x 23 x 11"

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