

Behringer X32 Specs

Mixer

Number of Analog Input Channels 40

Number of Mic Preamps 16

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

Presets **100 x** Scene

Display **Main Display:**
5" / 12.7 cm Touchscreen

Display Resolution/Color **Main Display:**
800 x 480 / 6-Bit Color

Meters **Main Meter:**
18-Segment LED

Meter Range -45 dB to Peak/Clip

Signal Processing

Internal Effects **8 x** Stereo

16 x Mono

Digital Audio

Sample Rates 44.1 / 48 kHz

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

DSP 40-Bit Floating Point

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

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

Performance

Frequency Response 10 Hz to 22 kHz ⓘ

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

Output Level **1/4" TRS Output:**
+4 dBu (Unbalanced)
+16 dBu (Balanced)
Headphone Output:

+25 dBm (Max)
XLR Output:
+21 dBu (Max)
+4 dBu (Nominal)

Analog Dynamic Range

Input to Output:
106 dB

I/O Impedance

1/4" Input:
20 kilohms (Unbalanced)
40 kilohms (Balanced)
Mic Input:
10 kilohms (Balanced)
5 kilohms (Unbalanced)
XLR Output:
75 ohms
1/4" TRS Output:
150 ohms (Unbalanced)
300 ohms (Balanced)
Headphone Output:
40 ohms

Crosstalk

100 dB at 1 kHz

CMRR

>70 dB at +20 dB Gain
>80 dB at +40 dB Gain

EIN

-128 dBu (Input Shorted)

Noise Floor

-87 dBu (A-Weighted)

THD+N

Connectivity

Analog Inputs	1 x XLR Talkback Input 16 x XLR 3-Pin Balanced Input 6 x 1/4" TRS Balanced Aux Input 1 x 2RCA Unbalanced Aux Input
Analog Outputs	1 x 1/4" TRS Headphone Output 2 x 1/4" TRS Balanced Monitor Output 6 x 1/4" TRS Aux Output 1 x 2RCA Aux/Line Output 8 x XLR 3-Pin Balanced Line Output
Phantom Power	+48 V (Selectable on Individual Inputs)
Digital I/O	1 x RJ45 (Control) 1 x RJ45 Ultranet (Control) 1 x XLR AES3 Output 2 x etherCON AES50/SuperMAC
MIDI I/O	1 x MIDI 5-Pin In 1 x MIDI 5-Pin Out
USB	1 x USB Type-A (USB 2.0, Audio Playback, External Memory) 1 x USB Type-B (USB 2.0, I/O)
Expansion Ports	1 x 32 x 32 I/O Card

Power

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

Physical

Dimensions 19 x 5.2 x 11.3" / 48.3 x 13.2 x 28.7 cm

Weight 14.4 lb / 6.5 kg

Packaging Info

Package Weight 16.5 lb

Box Dimensions (LxWxH) 21.5 x 14.3 x 7.7"
