

Behringer X32 Specs

Mixer

Number of Analog Input Channels 32

Number of Mic Preamps 32

Mix Routing **8 x** Aux Send
8 x FX Return

Presets **100 x** Scene

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

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

Meters 24-Segment LED

Meter Range -57 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 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 (Nominal)
Headphone Output:
+25 dBm (Stereo)

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

Analog Dynamic Range 106 dB

I/O Impedance

1/4" Input:
40 kilohms (Balanced)
20 kilohms (Unbalanced)

1/4" Output:
300 ohms (Balanced)
150 ohms (Unbalanced)

Headphone Output:
40 ohms

Mic Input:
5 kilohms (Unbalanced)
10 kilohms (Balanced)

XLR Output:
75 ohms

Crosstalk

Adjacent Inputs:
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 2RCA Input**

1 x XLR Talkback Input
32 x XLR Mic Input
6 x 1/4" TRS Balanced Aux Input

Analog Outputs

1 x 2RCA Output
16 x XLR Line Output
2 x 1/4" TRS Headphone Output
2 x XLR Monitor Output
2 x 1/4" TRS Balanced Monitor Output
6 x 1/4" TRS Balanced Aux 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 (Control)

Expansion Ports

1 x 32 x 32 I/O Card[Ⓢ]

Power

AC Input Power

100 to 240 VAC, 50 / 60 Hz

Power Consumption

120 W

Physical

Dimensions 35.4 x 20.8 x 7.9" / 900 x 528 x 200 mm

Weight 45.4 lb / 20.6 kg

Packaging Info

Package Weight 63 lb

Box Dimensions (LxWxH) 40 x 26 x 13"
