

Allen & Heath Xone:23C Specs

Connections

Sound Card 4 stereo channel USB2

Sample Rate (Audio) 96 kHz

Bit Depth 24-bit

I/O

Input
Phono: 4x RCA (2 pair)
Line: 4x RCA (2 pair)
FX Return: 2x RCA (pair)
Mic: XLR-3M

Output
Main Mix: 2x balanced XLR-3M (pair)
Monitor: 2x RCA (2 pair)
Record: 2x RCA (pair)
FX Send: 2x RCA (pair)
Headphones: stereo 3.5 mm and 1/4" TRS jacks

Impedance

Input
Phono: 47 K/330pF
Line: 20 k Ω
FX Return: 10 k Ω
Mic: <2 k Ω

Output
Main Mix: 100 Ω
Monitor: 100 Ω
Record: 100 Ω

FX Send: 100 Ω
Headphones: 1 Ω

Nominal Level

Input
Phono: 7 to 100 mV
Line: -10 to +20 dBu
FX Return: 0 to +20 dBu
Mic: -42 to -12 dBu

Output
Main Mix: +4 dBu
Monitor: -2 dBu
Record: -2 dBu
FX Send: -2 dBu

Distortion: +10 dBu
Noise: unity

Maximum Level

Output
Main Mix: +28 dBu
Monitor: +22 dBu
Record: +19 dBu
FX Send: +19 dBu
Headphones: 200 mW RMS into 30 Ω
Fader Shut Off: > -80 dB
Xfade Shut Off: > -80 dB

Distortion

0.01% THD +N

Noise

Main Mix Out (22 to 22,000 Hz): -85 dBu un-weighted

General

Frequency Response

10 to 50,000 Hz \pm 0 dB

Dimensions (W x D x H) 9.4 x 12.4 x 4.2" (240 x 315 x 106 mm)

Weight 6.0 lb (2.7 kg)

Packaging Info

Package Weight 11.05 lb

Box Dimensions (LxWxH) 19.291 x 13.701 x 8.74"
