XONE:24

Hardware Specifications

Model	Xone:24
Type	Analogue
Channels	2 + 1
EQ	3-band: +6dBu / Total Kill (CH 1 & 2) High Frequency 3.5kHz Mid Frequency: 1.1kHz Low Frequency: 500Hz 2-band: +/- 12dBu (AUX CH) High Frequency 900Hz Low Frequency: 750Hz
Line Inputs	3 x RCA (CH 1 & 2 + Aux CH)
Phono Inputs	2 x RCA (CH 1& 2)
Mic Input	1 x Combi (XLR + TRS)
Master Output	1 x XLR (Balanced)
Booth Output	1 x RCA (Un-balanced)
Record Output	1 x RCA (Un-balanced)
Master Insert	1 x RCA MASTER INSERT FX Loop*
***Send/Return I/O**	1 x RCA MASTER INSERT Send 1 x RCA MASTER INSERT Return
***FX Send**	1 x Master Insert IN
Filter	1 x Voltage Controlled Filter HPF / LPF Adjustable Frequency & Resonance Assignable CH 1 & 2 + Aux CH
Headphones	1 x 1/4" 1 x 3.5mm Split Cue Monitoring
Channel Faders	45mm Voltage Controlled Amplier
Chanel Meters	Single tri-colour LED
Mix Meters	12 LED
X-Fader	45mm VCA mini innoFADER®
X-Fader Curve Settings	2 Types (Fast-cut/Blend)
Earth Ground Terminals	x 1
Headroom	+18dB
DC Mains	100 to 240V AC 50/60Hz Consumption 35W max
Mains Adaptor	2 pin DC socket with cable clamp

ALLEN & HEATH LIMITED, KERNICK INDUSTRIAL ESTATE,
PENRYN, CORNWALL, TR10 9LU, UNITED KINGDOM.
www.allen-heath.com

XONE:24

Technical Specifications

Output Levels; Nom / Max	Master Mix	+ 4dBu +22dBu
	Booth	0dBu +18dBu
	Master Insert Send	- 2dBu +18dBu
	Record RCA	- 10dBV + 8dBV
Internal headroom	Channels	+18dB
Frequency response	Line in to master out	+/-0.5dB from 20Hz to 30kHz
Distortion	Typically 0.01% @ 1kHz 0dBu	
Crosstalk	inter-channel	< -85dB @1kHz +10dBu
Residual Noise	Master Mix	-93dBu
	Booth	-93dBu
Mix Noise	Master Mix	-83dBu
	Booth	-83dBu
	Record RCA	-83dBu
Mic Gain	+40dB, EIN = -115dB (@ 40dB gain with 150R source)	
RIAA Gain	+42dB @ 1kHz	(6mV RMS= 0VU @ 1kHz)
Master Meters	12 LED	-25dBu to +12dBu
Channel Meter	Single tri-colour LED	
	GREEN	- 25dBu to 0dBu
	BLUE	> 0dBu to +12dBu
	RED	> 12dBu
Channel EQ	LF 500Hz MF 1.1kHz HF 3.5kHz +6dB boost to 'Total Kill'. Total Kill attenuation -75dB	
Auxiliary Channel EQ	LF 750Hz HF 900Hz +/- 12dBu	
Channel fader	45mm Voltage Controlled Amplifier control	
	shutoff	< -90dB @1kHz +10dBu
Cross-fader	45mm Voltage Controlled Amplifier control	
	shutoff	< -90dB @1kHz +10dBu
Filter	Stereo. Dual Mode. Analogue Voltage Controlled Filter. High Pass & Low Pass response outputs. Frequency sweep and Resonance controls.	