ALLEN&HEATH®

HIGH PERFORMANCE DJ MIXERS

XONE:23C XONE:23

Xone

Xone:23 and Xone:23C are high performance DJ mixers, harnessing next generation circuitry to deliver exceptional audio fidelity. Both mixers are equipped with the legendary Xone filter system, 3 band EQ with total kill, plus an external FX loop for maximum creative flexibility. Xone:23C also features a premium quality 4 stereo channel internal soundcard and plug n' play connection via X:LINK to Xone:K series controllers, making it perfect for performers looking to combine the convenience of digital DJing and recording with the hands-on control and visual appeal of a real mixer.

The crossfader has switchable curve settings for blending or scratching styles and is easy to replace. Upgrade to a custom Innofader for ultimate crossfader performance.

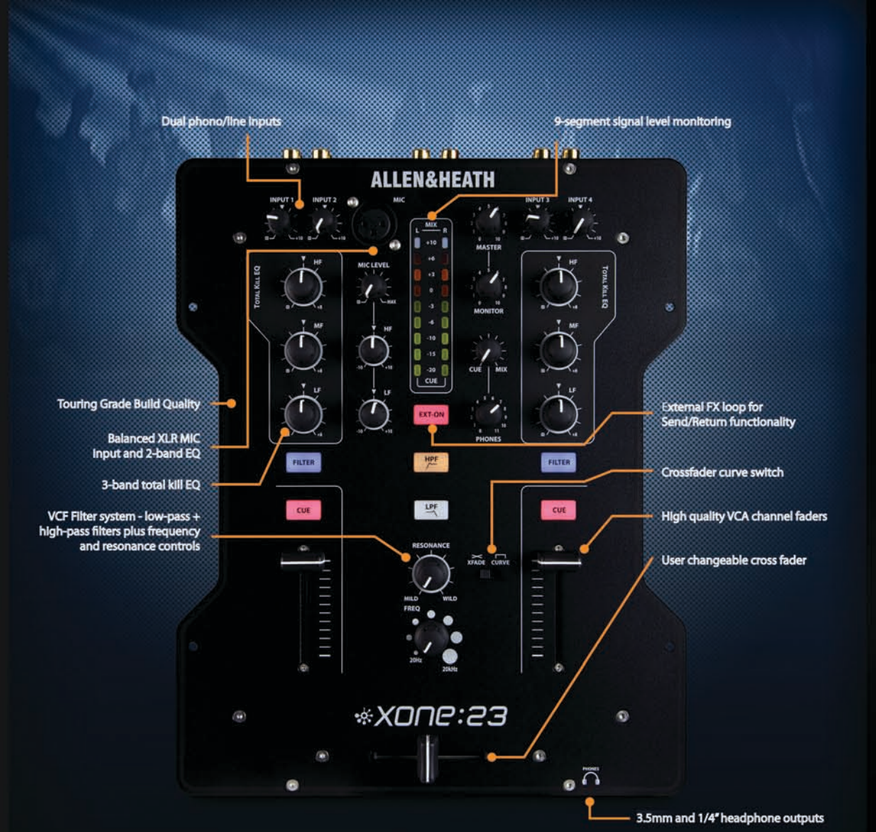
With studio grade 20dB headroom and balanced XLR main outputs delivering an impressive +28dBu max, Xone:23 and Xone:23C have the power and performance to be worthy additions to the prestigious Xone series.

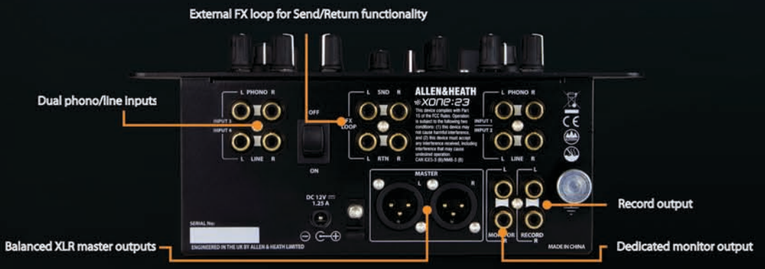
XONE:23

2+2 CHANNEL DJ MIXER

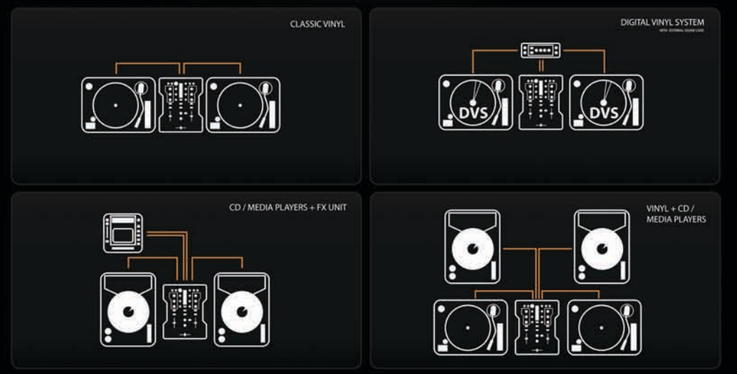
Xone:23 is a 2+2 channel DJ mixer packed with pro features that would normally be found in the booth of a top-rated club, including an enhanced version of the legendary Xone filter with resonance control, VCA faders, 3 band total kill EQ, illuminated switches, crossfader curve selector and styling inspired by the flagship Xone:DB4.

- 2 DUAL LINE / PHONO INPUTS
- MIC WITH 2 BAND EQ
- MIX BALANCED XLR OUTPUT
- REC RECORD OUT
- TOURING GRADE BUILD QUALITY
- SUPER SMOOTH VCA FADERS
- BOOTH INDEPENDENT BOOTH OUTPUT
- inno FADER compatible
- REPLACEABLE CROSSFADER
- 20dB 20 dB PRO STANDARD HEADROOM





EXAMPLE SETUPS



- XONE FILTER SYSTEM — There are many imitations of the renowned Xone filter system – this is the real deal. Xone:23 features High Pass and Low Pass filters with frequency and resonance controls.
- FX EXTERNAL FX LOOP — Seamlessly integrate your favourite external FX unit into your setup with send and return connections plus FX loop switching.
- 3 BAND TOTAL KILL EQ — Both channels feature 3 band EQ Isolator, allowing you to creatively eliminate frequencies and bring them back into the mix with complete control.

XONE:23C

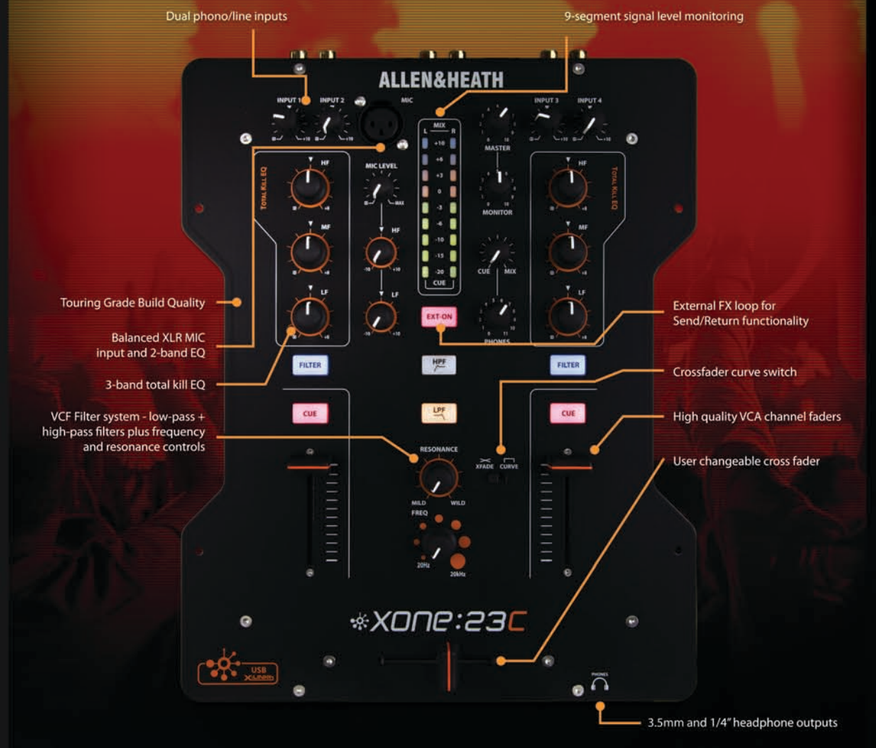
DJ MIXER + INTERNAL SOUNDCARD

Xone:23C is the ideal companion for the digital DJ seeking to retain their hands-on mixings skills, or for artists who want the creative freedom to work with all kinds of music sources. Used standalone or hooked up to our Xone:K series controllers over X:LINK, Xone:23C is a cutting edge mix tool for the modern DJ.

Cross LE

Xone:23C ships with MixVibes Cross LE DJ Software, providing DVS control and plug n'play mapping for Xone:K series controllers.

- USB X:LINK
- 2 DUAL LINE / PHONO INPUTS
- MIX BALANCED XLR OUTPUT
- REC RECORD OUT
- TOURING GRADE BUILD QUALITY
- SUPER SMOOTH VCA FADERS
- BOOTH INDEPENDENT BOOTH OUTPUT
- inno FADER compatible
- MIC WITH 2 BAND EQ
- REPLACEABLE CROSSFADER
- 20dB 20 dB PRO STANDARD HEADROOM



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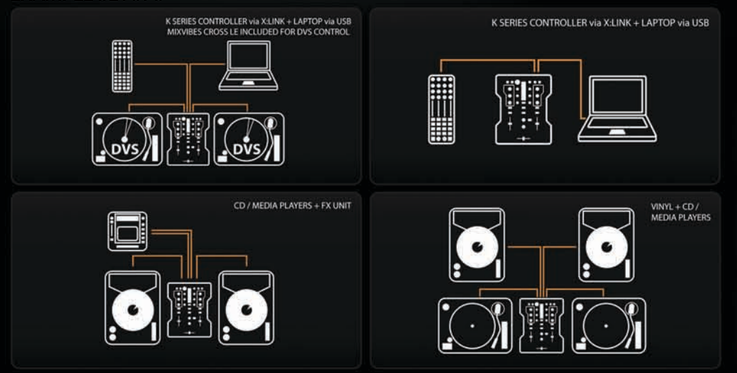

- INTERNAL USB SOUNDCARD — 96kHz 24bit 4 stereo channel USB soundcard which enables replaying and recording from your chosen DJ software, offering digital DJing with a real mixer.
- XONE FILTER SYSTEM — There are many imitations of the renowned Xone filter system – this is the real deal. Xone:23C features High Pass and Low Pass filters with frequency and resonance controls.
- FX EXTERNAL FX LOOP — Seamlessly integrate your favourite external FX unit into your setup with send and return connections plus FX loop switching.
- 3 BAND TOTAL KILL EQ — Both channels feature 3 band EQ Isolator, allowing you to creatively eliminate frequencies and bring them back into the mix with complete control.

Specifications

HIGH PERFORMANCE DJ MIXERS

XONE:23 + 23C

Connections

Inputs

	Connection	Impedance	Nominal Level	Maximum Level
Phono	RCA	47K/330pF	7mV	100mV
Line	RCA	20K ohm	-10dBu	+20dBu
FX RTN	RCA	10K ohm	0dBu	+20dBu
Mic	XLR	<2K ohm	-42dBu	-12dBu

Outputs

	Connection	Impedance	Nominal Level	Maximum Level
Main Mix	Balanced XLR	100 ohms	+4dBu	+28dBu
Monitor	RCA	100 ohms	-2dBu	+22dBu
Record	RCA	100 ohms	-2dBu	+19dBu
FX SND	RCA	100 ohms	-2dBu	+19dBu
Headphones	3.5mm and 1/4" TRS Jacks	1 ohm		200mW RMS into 30 ohms

Performance

Distortion	Main Mix out	+10dBu	0.01% THD+N
Noise 22-22Khz	Main Mix out	unity	-85dBu un-weighted
Fader shut off	Channel fader		>-80dB
Xfade shut off	Xfader		>-80dB
Frequency Response		10Hz to 50kHz	+/- 0dB

Xone:23C Sound Card

	Sample Rate	Bit Depth
4 Stereo Channel USB2	96kHz	24bit