

ALLEN&HEATH®



HIGH PERFORMANCE DJ MIXERS

 **XONE:23C**  **XONE:23**



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

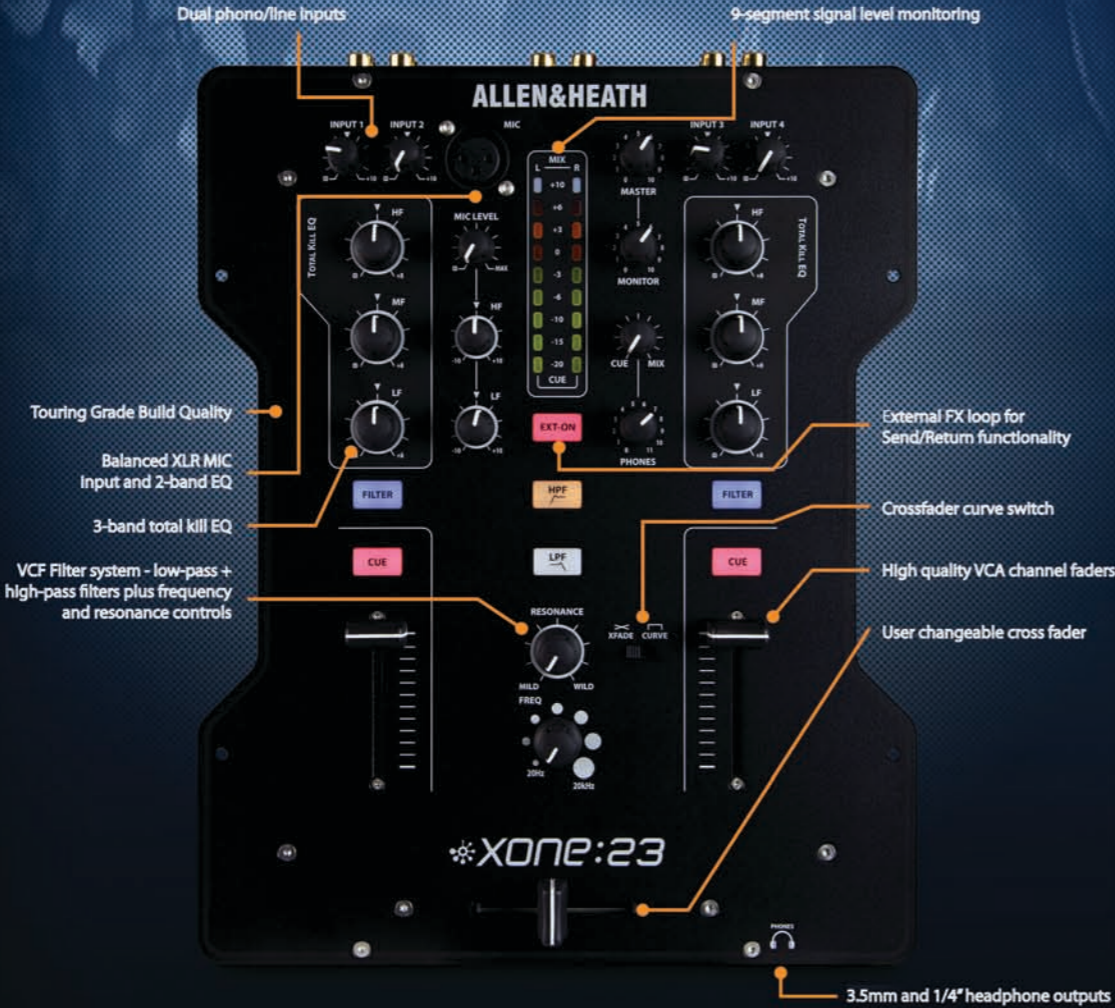
inno

FADER compatible

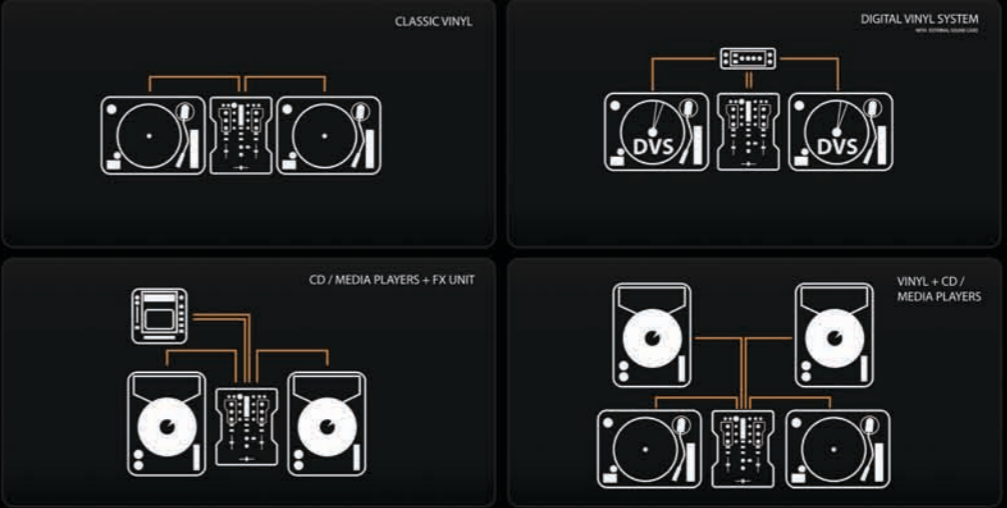
REPLACEABLE CROSSFADER

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.
- 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 SOUND CARD

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.



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

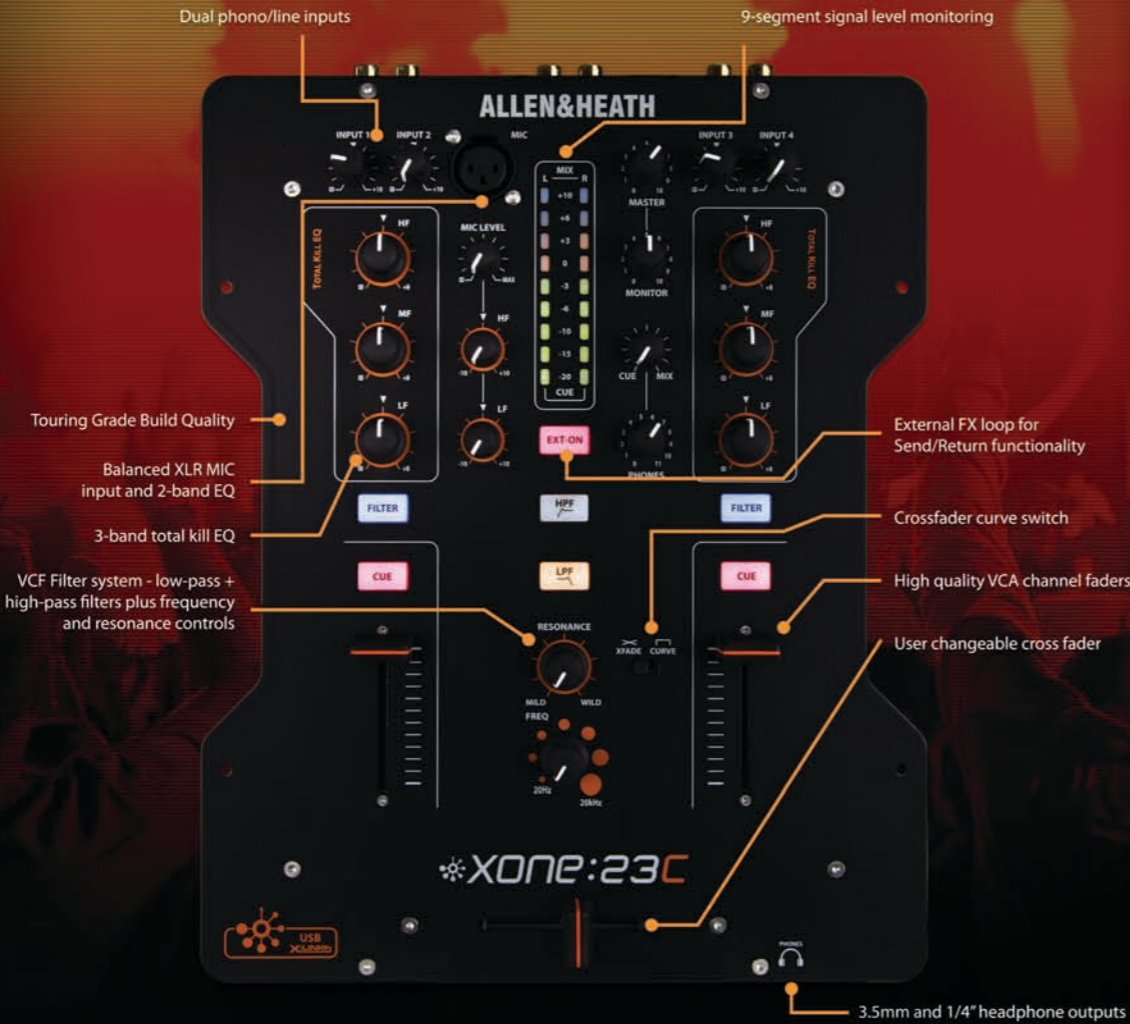
BOOTH INDEPENDENT BOOTH OUTPUT

inno FADER compatible

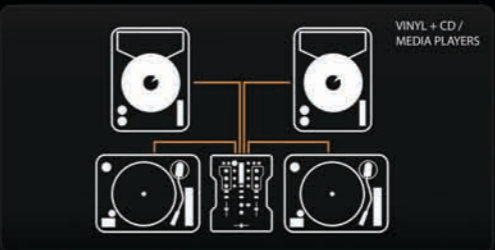
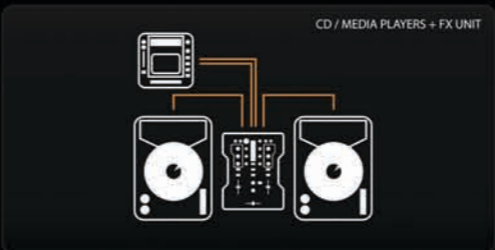
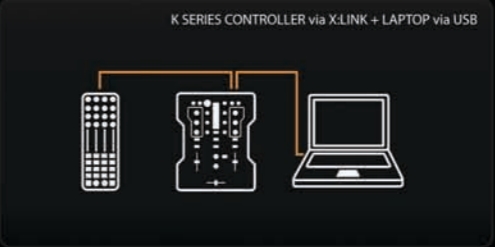
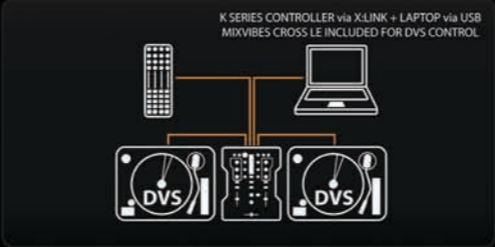
MIC WITH 2 BAND EQ

REPLACEABLE CROSSFADER

20dB 20 dB PRO STANDARD HEADROOM



## EXAMPLE SETUPS



- INTERNAL USB SOUND CARD  
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.
- 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

4 Stereo Channel USB2

### Sample Rate

96kHz

### Bit Depth

24bit

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