

professional club/DJ mixer



This purebred club mixer has truly raised the bar in terms of club audio quality. It's also quickly become the mixer of choice for many of the world's greatest DJs, thanks to its pristine sound, its phenomenal VCF filters and its creative 4 band EQ. Club owners – if you want to know how good your big-money speaker system could sound, try it with a **Xone:62**.

FEATURES:

6 Dual Stereo Channels

→ CH 1&2 have **XLR** Mic inputs and **[TRS]** stereo line level inputs, with 'corrective' EQ. CH 3-6 have stereo **RCA RIAA** turntable inputs and stereo **RCA line level** inputs, plus powerful **4 band** 'music' EQ. All channels have **3 colour bar meter** and **gain** control, EQ **on** switch and **60mm** fader. CH 3-6 have **X-fade assign** section

Stereo Mix Outputs

→ Balanced mix outputs on **XLR** with **level** control, plus secondary **RCA** 'music only' outputs for recording. A post fade **[TRS]** **mono** sum output is also provided. The mix signal is displayed on **12 segment 3 colour** bar meters

Auxiliary Send

→ All channels have a stereo auxiliary send which can be individually switched pre or post fade. There is also a post crossfader send to this stereo aux, so a program feed to a zone is possible. The outputs are **[TRS]** jacks

4 Band EQ

→ Powerful 4 band EQ with 'asymmetric' characteristic on CH 3-6; **+6dB** boost to preserve headroom and **-26dB** cut for creative mixing. CH 1&2 have 'corrective' EQ for mic & line control. EQ **on** switches are provided

VCA Cross Fader

→ **Conductive plastic**, high quality 45mm **Penny & Giles** fader with curve switchable to **cut** or **dip**. Channels 3-6 can be assigned to **X left** side or **Y right** side, with green / yellow led indication. The fader is a **VCA** design, so wear and tear does not affect audio. **Drop-in** replacements. Pan trim control for imbalance

Voltage Controlled Filters

→ 2 filters [1 for each side of the x-fader] with choice of **High Pass**, **Band Pass**, **Low Pass** or multiples e.g. notch. **Resonance** - adjusts Q from 'mild to wild'. **Sweep** controls from **100Hz to 20kHz** with **blue** led **on** switch

Engineer / DJ's Toolbox

→ High powered headphone output with level. 'Music only' **Booth** output on **[TRS]** jacks with level. **12 segment 3 colour bar metering** displays mix or cue/monitor section. Channel cue overrides the monitor selected in the phones [option for post-EQ on CH 3-6]. **Split Cue** sends cue signals to left and selected program to right. **Mute** kills booth monitor output. Booth **Mono** sum button for phase and compatibility check

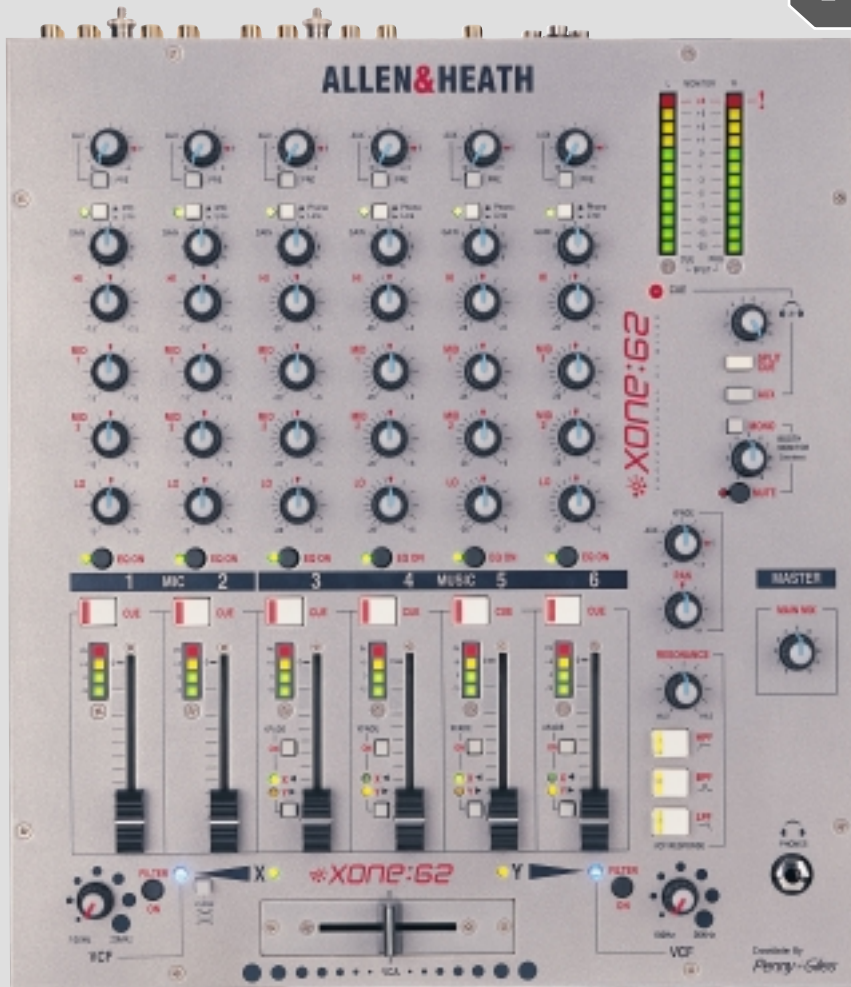
PSU

→ High performance internal switched-mode power supply. Universal mains input voltage

Configuration Options

→ **Internal links**: individual channel aux sends to pre-EQ and CH 3-6 cue to post-EQ. 9 pin user connector (D-type female) for custom modifications and remotes (require competent installation or service personnel)

XONE 62



Technical Specifications

0dBu = 0.775 Volts rms
0dBV = 1 Volt rms

+4dBu = 1.23V rms
-10dBV = 316mV rms

Maximum output level

XLR +26dBu into >2k ohm load
TRS jack +21dBu into >2k ohm load
RCA Phono +15dBu into >10K ohm load

Internal headroom

Channels +21dB
Mix to output +23dB

Peak indicators

Turn on 5dB before clipping

Meters

MIX /MONITOR Peak hold 12 LED 3 colour
STEREO CHANNEL Peak reading 4 LED 3 colour

Frequency response

20Hz to 40kHz +0/-1dB

Distortion THD+noise measured at +14dBu 1kHz

< 0.006%

Crosstalk channel shutoff measured at 1kHz

< 90dB

Noise measured rms 22Hz to 22kHz

MIC EIN -128dB referred to 150 ohm source

Residual output noise

XLR -90dBu (-94dB S/N)
TRS jack -84dBu (-84dB S/N)
L RCA -92dBu (-84dB S/N)

Mix noise, ch routed

XLR -86dBu (-90dB S/N)
TRS jack -82dBu (-82dB S/N)
RCA Phono -91dBu (-83dB S/N)

Power Supply Internal switch mode power unit with auto sensing mains input.

MAINS IN socket IEC 3 pin
Power lead Country dependent with moulded mains plug supplied
AC mains 100 to 240V AC @ 50/60Hz
Consumption 30W max
Mains fuse rating 100-240V AC T500mA 20mm

Mechanical specifications

Dimensions in mm	Width	Height	Depth
Desktop	320 (12.6")	358 (14")	118 (4.6")
Rack ears fitted	370 (14.6")	358 (14")	
Packed	475 (18.7")	395 (15.6")	210 (8.3")
Weight	5kg (11lb)	5.5kg (12lb)	

Accessories

Rack mount kit

Connections

XLR connections are Pin 2 = hot (+) Pin 3 = cold (-) Pin 1 = GND

TRS input and output connections are Tip = hot/left(+), Ring = cold/right (-), Sleeve = GND

RCA phono pin connectors

INPUT

CH 1-2 IN (Mic)	Balance XLR female	2k ohm	-45 to -15dBu
(Stereo Line)	Unbalanced TRS jack	>10 ohm	-15 to +15dBu
CH 3,4,5,6 (Phono)	RCA phono RIAA	47k ohm/330pF2 to 100mV	
(Stereo Line)	RCA phono	>10 ohm	>10k to +10dBu

OUTPUT

MIX OUT L,R (XLR)	Balanced XLR male	<75 ohm	+4dBu
RECORD OUT	RCA Phono	<600 ohm	-10dBV
MONO OUT	Impedance balance TRS jack	<600 ohm	-2dBu
AUX OUT L,R	Impedance balance TRS jack	<75 ohm	-2dBu
BOOTH OUT	Impedance balance TRS jack	<75 ohm	-2dBu
HEADPHONES	Tip = L Ring = R	30 to 600 ohm recommended	