

PRODUCT DATASHEET

HOUSE82

8-Channel Professional Mixing Console
8 MIC/Line CH | 3-Band EQ | 7-Band GEQ | Built-in FX | USB | 48V Phantom

The HOUSE82 is a professional 8-channel mixing console delivering comprehensive signal management for live sound, stage performance, installed AV, and broadcast environments. With 8 XLR+TRS combo mic/line inputs, individual 3-band EQ and insert points per channel, a built-in multi-effect FX processor, 7-band stereo graphic equaliser, USB audio interface, 48V phantom power, balanced XLR main outputs, and group outputs G1/G2, the HOUSE82 provides everything needed for demanding professional audio mixing in a single desktop chassis.



8 MIC/LINE CH	3 BAND EQ/CH	7 BAND GEQ	24 FX PRESETS	48V PHANTOM	USB AUDIO I/F	G1/G2 GROUPS
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KEY FEATURES

- ✓ **8 MIC / Line Combo Inputs** — Eight XLR + 6.35mm TRS combo inputs on channels 1–8 accept both balanced microphone and line-level signals with individual gain controls and clip indicators
- ✓ **3-Band EQ Per Channel** — High (12KHz), Mid (2.5KHz sweep), and Low (80Hz) shelving/peak equalisation on every channel for precise tonal shaping of each input source
- ✓ **Built-in Multi-Effect FX Processor** — Integrated digital effects processor with 24 presets including reverb, delay, chorus, and flanger — assignable to any channel via the FX send/return bus
- ✓ **7-Band Stereo Graphic Equaliser** — Front-panel 7-band (±12dB) stereo graphic EQ on the master bus for room tuning and system tone shaping without external processing
- ✓ **USB Audio Interface** — Built-in USB port enables direct recording to and playback from a PC/Mac — use as a USB audio interface without additional hardware
- ✓ **48V Phantom Power** — Switchable +48V phantom power for all microphone inputs supports condenser microphones throughout the entire mix session
- ✓ **AUX, FX & Group Outputs** — Independent AUX send for monitor feeds, FX send/return bus, and G1/G2 group outputs for zone routing and sub-grouping control
- ✓ **Mute, Solo & PAN Per Channel** — Individual mute, solo, and panoramic positioning on every channel for full mix management and troubleshooting during live performance

SETUP NOTES

- ▶ Connect main XLR outputs to PA amplifier (BC-1115C or AX404); use A-7220 in-line for feedback suppression
- ▶ Enable 48V phantom only after connecting condenser microphones — never plug/unplug XLR with phantom on
- ▶ Use AUX send for monitor feeds; set AUX levels per channel independently of main mix faders
- ▶ USB connection to PC/Mac enables direct recording of the main mix via USB audio interface — no drivers needed on most OS
- ▶ G1/G2 groups allow sub-mix routing — useful for separating instruments, vocals, and playback sources

TECHNICAL SPECIFICATIONS

MODEL	HOUSE82	MIC / LINE CHANNELS	8 × (XLR + 6.35mm TRS combo)
STEREO INPUT CHANNELS	1 × stereo (CH9/10)	GROUP OUTPUTS	G1/G2 stereo group bus
MAIN OUTPUT	XLR balanced L/R + RCA	AUX SEND / RETURN	1 × AUX send, 1 × return
FX SEND / RETURN	1 × FX send, 1 × return	INSERT POINTS	Per-channel (CH1–8)
EQ PER CHANNEL	3-band (Hi 12KHz / Mid sweep / Lo 80Hz)	MASTER EQ	7-band stereo graphic (±12dB)
BUILT-IN FX	24 presets (reverb / delay / chorus)	48V PHANTOM POWER	Switchable (all mic channels)
USB INTERFACE	USB-B (record/playback, PC/Mac)	TAPE IN/OUT	RCA stereo
HEADPHONE	6.35mm stereo, level control	FREQUENCY RESPONSE	20Hz – 20KHz (±1dB)
THD+N	<0.005% (1KHz, -10dBu)	S/N RATIO	>85dB (A-weighted, master)
INPUT IMPEDANCE (MIC)	2KΩ balanced	CROSSTALK	<-70dB (at 1KHz)
INPUT POWER	AC 100–240V / 50–60Hz	DIMENSIONS (W×D×H)	460 × 400 × 100 mm
WEIGHT	5.8 kg	CERTIFICATIONS	CE, 3C, ISO 9001
WARRANTY	24 Months		

COMPLETE MIXING SOLUTION

8 input channels, EQ, FX, GEQ, USB, and group outputs in one unit — replaces a mixer, FX unit, graphic EQ, and USB interface, reducing rack space and setup time significantly.

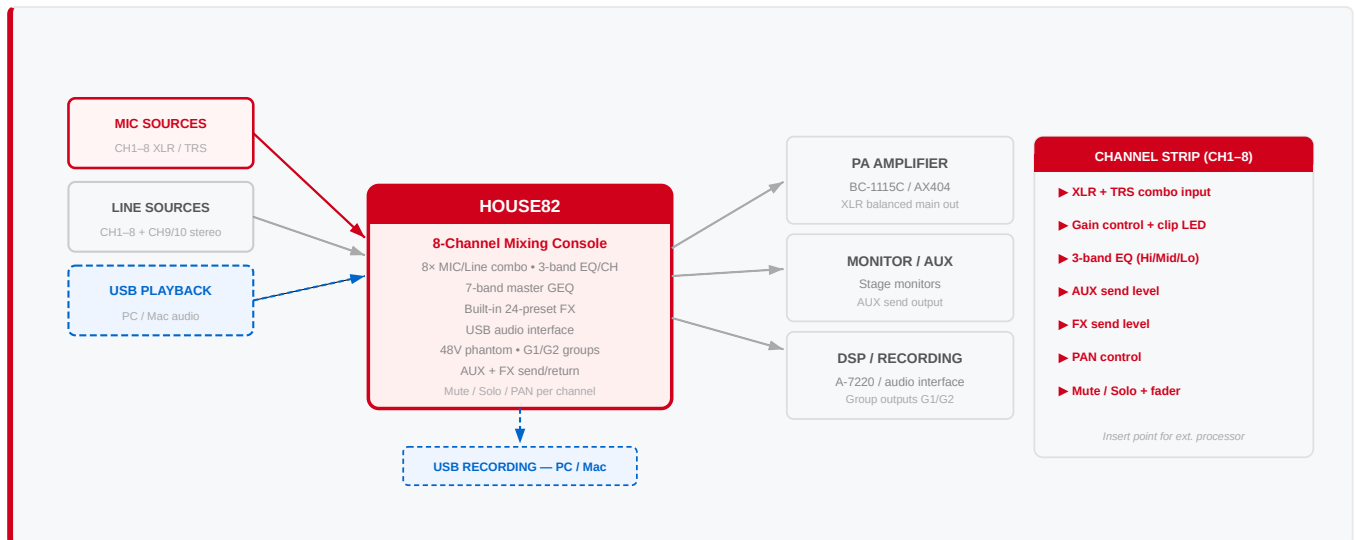
BUILT-IN 7-BAND GEQ

Front-panel 7-band stereo graphic EQ on the master bus enables in-situ room tuning without external equaliser hardware — critical for live events in acoustically challenging spaces.

USB RECORDING INTERFACE

USB audio interface built-in allows direct recording of the live mix to any laptop without a separate audio interface — ideal for archiving events, broadcasts, and rehearsals.

SIGNAL FLOW & SYSTEM INTEGRATION



TYPICAL APPLICATION SCENARIOS

<p>Live Events Stage & Band Performance</p>	<p>Worship Churches & Mosques</p>	<p>Government Conferences & Ceremonies</p>	<p>Education School Events & Theatres</p>
<p>Hospitality Banquets & Functions</p>	<p>Corporate Presentations & AV</p>	<p>Studio Recording & Broadcast</p>	<p>Industrial Large PA Systems</p>

WHY C-YARK

10+ YEARS IN PA	CE CERTIFIED	ISO 9001 QUALITY	3C COMPLIANT
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<p>ORDERING INFO</p> <p>HOUSE82 — 8-Channel Mixing Console Includes: power cable, USB cable Format: Desktop / table-top Rackmount kit optional</p>	<p>COMPATIBLE WITH</p> <p>BC-1115C 120W Mixing Amplifier AX404 4-Channel Power Amplifier A-7220 Feedback Suppressor C1002-A1 Wireless Mic System C-859C / C-869D Conference Mics</p>	<p>NOTES</p> <p>Specifications subject to change without prior notice. USB drivers not required on macOS; Windows may need driver installation. © C-YARK · Guangzhou Quanzhiyun Electronic Technology Co., Ltd. DS-HOUSE82-EN-052026</p>
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