

MX82

Intelligent Automixer with Advanced Feedback Suppression

VAL audio

Die Liebe zur Musik



OVERVIEW

The VAL audio MX82 is a cutting-edge intelligent automixer designed for seamless audio management in dynamic environments. Equipped with 8 switchable mic/line inputs, each with independent gain control and 48V phantom power, the MX82 provides robust flexibility for professional audio setups. Additionally, it includes 2 stereo inputs (music and line), allowing easy integration of diverse input sources.

The MX82 boasts versatile output capabilities, featuring 2 balanced XLR outputs and 2 stereo outputs (line and recording), each independently adjustable via dedicated rear-mounted volume controls, ensuring tailored output management for different needs.

At its core, the MX82 is built for intuitive control, with a vibrant 1.77" color LCD display providing clear, real-time information. The unit also includes dual volume controls—one for the music input and another for overall system volume - allowing precise adjustment of multiple microphones and music sources separately.

The Intelligent Feedback Suppression (IFS) feature of the MX82 is easily activated through front-panel controls. With just two buttons - Bypass/Active and Calibrate - the system automatically detects open mic gain and utilizes an advanced feedback algorithm to eliminate unwanted frequencies, ensuring crystal-clear audio throughout any venue.

KEY FEATURES

- **Effortless Operation:** Simple front panel controls eliminate the need for complex software, offering a straightforward user experience.
- **1.77" Color LCD Display:** Real-time display of essential system information, including music and system levels, as well as output metering for easy monitoring.
- **Advanced Feedback Suppression:** Employs a unique feedback elimination algorithm, activated via two simple front-panel switches - Bypass/Active and Calibrate - ensuring optimal sound quality in any venue.
- **8 XLR Microphone Inputs:** Each input features individual 48V phantom power and rear-panel gain control, providing professional-grade audio flexibility.
- **Dual Stereo Inputs:** Includes dedicated inputs for line and music sources, allowing seamless integration of multiple stereo audio feeds.
- **Versatile Outputs:** Equipped with 2 balanced XLR outputs controlled via front panel system volume control, alongside 2 stereo outputs (line and recording) with independent rear-panel volume controls.

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- **Precision Equalization:** High and low-level equalization features allow for precise output tuning, ensuring tailored sound performance for any venue.

APPLICATIONS

- **Houses of Worship:** Clear, balanced sound for sermons and music.
- **Conference Rooms:** Seamless mic and media management for meetings.
- **Live Venues:** Ensures optimal sound and feedback control for events.
- **Education:** Perfect for lectures and presentations in classrooms.
- **Broadcast Studios:** Reliable mic and stereo input management for audio production.
- **Retail & Hospitality:** Background music and announcements with clear audio.

SPECIFICATIONS

Input	8 stitchable Mic / Line XLR input with individual 48V phantom power 2 Stereo inputs - Line + Music
Input level control	Via rear panel potentiometer adjustment
Output	2 XLR balanced output 2 stereo output - Line + Rec
Input impedance	MIC 1 to 8 balanced interface: 68K Ω
MIC 1 to 8 non balanced	10K Ω
Line input interface	10K Ω
Music input interface	10K Ω
Output impedance	System balance XLR output interface: 1K Ω
Line output interface	2K Ω
REC recording output interface	2K Ω
SNR	>95dB (A weighting)
MIC 1 to 8 input sensitivity	-30dB - 56dB
Frequency response	Feedback suppression mode: 120Hz - 15kHz, Non Feedback suppression mode: 20Hz - 20kHz
Power consumption	50W
Power input mode	AC220V/50Hz
Dimension (WxDxH)	480 x 254 x 46 mm
Net weight	3.70 Kg