

Studiomaster CLUBXS8

Studiomaster CLUBXS8 8-Input Audio Mixer Instruction Manual

Model: CLUBXS8+

Brand: Studiomaster

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Studiomaster CLUBXS8 8-Input Audio Mixer. Please read it thoroughly before use and retain it for future reference.

The Studiomaster CLUBXS8 is a compact and portable 8-input audio mixer featuring 4 microphone channels, 2 stereo channels, 16 DSP effects, Bluetooth connectivity, and a USB/SD media player for playback and recording. It also includes 3-band EQ on each channel and built-in channel compression.

2. PACKAGE CONTENTS

Upon unboxing, please verify that all components are present and in good condition. The package should contain:

- Studiomaster CLUBXS8 8-Input Audio Mixer
- Power Adapter (100V - 240V ~)
- Instruction Manual



Figure 1: Front view of the Studiomaster CLUBXS8 mixer.

3. SETUP

3.1 Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the provided power adapter to the "AC INPUT/FUSE" port on the rear panel of the mixer.
3. Plug the power adapter into a suitable electrical outlet (100V - 240V ~).
4. Turn the mixer's power switch to the ON position. The power indicator should illuminate.



Figure 2: Rear panel with power input and fuse. Air vents must not be obstructed.

3.2 Input Connections

The CLUBXS8 offers various input options:

- **Microphone Inputs (Channels 1-4):** Use XLR cables for microphones. These channels feature a Mic Gain Range of 6dB to 50dB.
- **Line Inputs (Channels 1-4):** Use 1/4" TRS or TS cables for line-level instruments or devices. These channels have a Line Gain Range of 10dB to 34dB.
- **Stereo Inputs (Channels 5/6 and 7/8):** Use 1/4" TS cables for stereo line-level sources.
- **CD/Tape Input (RCA):** Connect external playback devices using RCA cables.

3.3 Output Connections

Connect your monitoring or recording equipment to the following outputs:

- **Main Out (XLR):** Connect to your main PA system or powered speakers.
- **Control Room Out (1/4" TS):** For connecting to studio monitors.
- **Phones (1/4" TRS):** For headphone monitoring.
- **Record Out (RCA):** For connecting to a recording device.

4. OPERATING INSTRUCTIONS

4.1 Channel Controls

Each input channel (1-4 for mic/line, 5/6 and 7/8 for stereo line) features:

- **GAIN Knob:** Adjusts the input sensitivity for the connected device.
- **EQ (High, Mid, Low):** 3-band equalizer for tone shaping. High at 12kHz, Mid at 2.5kHz, Low at 45Hz.
- **LO CUT Button:** Engages an 80Hz low-cut filter to remove unwanted low-frequency rumble.
- **AUX Knob:** Controls the send level to the auxiliary output.
- **FX Knob:** Controls the send level to the internal DSP effects processor.
- **PAN/BAL Knob:** Adjusts the stereo positioning (pan for mono channels, balance for stereo channels).
- **MUTE Button:** Mutes the channel output.
- **PFL Button:** Pre-Fader Listen for monitoring the channel signal through headphones without affecting the main mix.
- **Channel Fader:** Adjusts the channel's volume level in the main mix.

4.2 DSP Effects

The mixer includes 16 DSP effects. Use the dedicated controls in the master section:

- **PROGRAM Knob:** Selects one of the 16 available DSP effects.
- **PARAMETER Knob:** Adjusts a specific parameter of the selected effect (e.g., decay time for reverb).
- **FX TO MAIN Fader:** Controls the overall level of the effects sent to the main mix.
- **FX MUTE Button:** Mutes the effects output.
- **Footswitch Socket:** Allows for external control of DSP On/Off.

4.3 USB/SD Media Player

The integrated media player supports MP3 audio playback and recording to a USB drive or SD card (128kbps mono).

- Insert a USB drive or SD card into the respective slot.
- Use the navigation buttons (PREV, NEXT, VOL+, VOL-, MODE, P/P) to control playback and recording functions.
- The display screen will show track information and status.

4.4 Bluetooth Connectivity

To connect a Bluetooth device:

1. Press the MODE button on the media player section until "Bluetooth" is displayed.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "MIX-MP3 BT" (or similar name) from the list to pair.
4. Once connected, you can play audio from your device through the mixer.

4.5 Headphone Monitoring

Connect headphones to the 1/4" TRS "PHONES" jack. Use the "PHONES" knob to adjust the headphone volume. The PFL buttons on individual channels allow you to monitor specific channels pre-fader.

4.6 Phantom Power

The mixer provides +48V phantom power for condenser microphones. Activate it using the "PHANTOM +48V" switch in the master section. Ensure condenser microphones are connected before activating phantom power to prevent damage.

5. MAINTENANCE

- Keep the mixer clean by wiping it with a soft, dry cloth. Avoid liquid cleaners.
- Ensure air vents are not obstructed to prevent overheating.
- Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- Regularly check all cable connections for wear and tear.

6. TROUBLESHOOTING

- **No Power:** Check the power cable connection and ensure the power switch is ON. Verify the power outlet is functional.
- **No Sound Output:** Check all input and output connections. Ensure channel faders and the main mix fader are up. Verify that channels are not muted and PFL is not engaged on all channels.
- **Distorted Sound:** Reduce input GAIN levels and check for clipping indicators. Ensure output levels are not exceeding the limits of connected devices.
- **No Effect:** Check the FX send knobs on channels and the FX TO MAIN fader. Ensure the FX MUTE button is not active.
- **Bluetooth Connection Issues:** Ensure the mixer's media player is in Bluetooth mode. Check that your device is discoverable and within range. Try restarting both devices.

7. SPECIFICATIONS

Inputs: 8
Mic Inputs: 4
Stereo Inputs: 2
Mic Gain Range: 6dB to 50dB
Line Gain Range: 10dB to 34dB
EIN: -100dB
Frequency Response: 10Hz – 20kHz (+1/-3dB)
THD Mic Channel: <0.1%
Signal to Noise Ratio: 80dB
Output Levels: Max +26dB (Bal), +20dB (unBal)
EQ: Hi 12kHz, Mid 2.5kHz, Lo 45Hz, Lo cut 80Hz
USB/SD: MP3 Audio playback
Record: To USB drive or SD card (128kbps mono)
DSP Effects: 16 DSP effects
Power Requirements: 100V – 240V ~
Dimension W*H*D: 305 x 80 x 365 (mm)
Weight: 4.5kg

Figure 3: Detailed specifications of the Studiomaster CLUBXS8.

Studiomaster CLUBXS8 Technical Specifications

Feature	Specification
Inputs	8 (4 Mic, 2 Stereo)
Mic Inputs	4

Feature	Specification
Stereo Inputs	2
Mic Gain Range	6dB to 50dB
Line Gain Range	10dB to 34dB
EIN	-100dB
Frequency Response	10Hz - 20kHz (+1/-3dB)
THD Mic Channel	<0.1%
Signal to Noise Ratio	80dB
Output Levels	Max +26dB (Bal), +20dB (unBal)
EQ (Hi, Mid, Lo)	Hi 12kHz, Mid 2.5kHz, Lo 45Hz
Lo Cut	80Hz
USB/SD	MP3 Audio playback
Record	To USB drive or SD card (128kbps mono)
DSP Effects	16 DSP effects
Power Requirements	100V - 240V ~
Dimensions (W*H*D)	12 x 14.37 x 3.14 inch (305 x 80 x 365 mm)
Weight	10 lbs (4.5 kg)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the Studiomaster official website or contact your local dealer. Keep your proof of purchase for warranty claims.