

CNCEST 8 Channel

CNCEST 8-Channel Audio Mixer User Manual

Model: 8 Channel

Brand: CNCEST

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your CNCEST 8-Channel Audio Mixer. Please read this manual thoroughly before using the device to ensure proper setup, optimal performance, and to prevent damage. Keep this manual for future reference.



Figure 1: Overall view of the CNCEST 8-Channel Audio Mixer, showing its compact design and control layout. Dimensions are approximately 40cm (15.75in) wide, 34cm (13.4in) deep, and 3.7cm (1.46in) high.

2. SAFETY INSTRUCTIONS

To reduce the risk of electric shock, fire, or injury, always follow these basic safety precautions:

- **Power Source:** Only connect the mixer to a 110V AC power supply using the provided external power adapter.
- **Water and Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids, such as vases, on the unit.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **Heat:** Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cables:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Grounding:** Ensure proper grounding for all connected equipment.

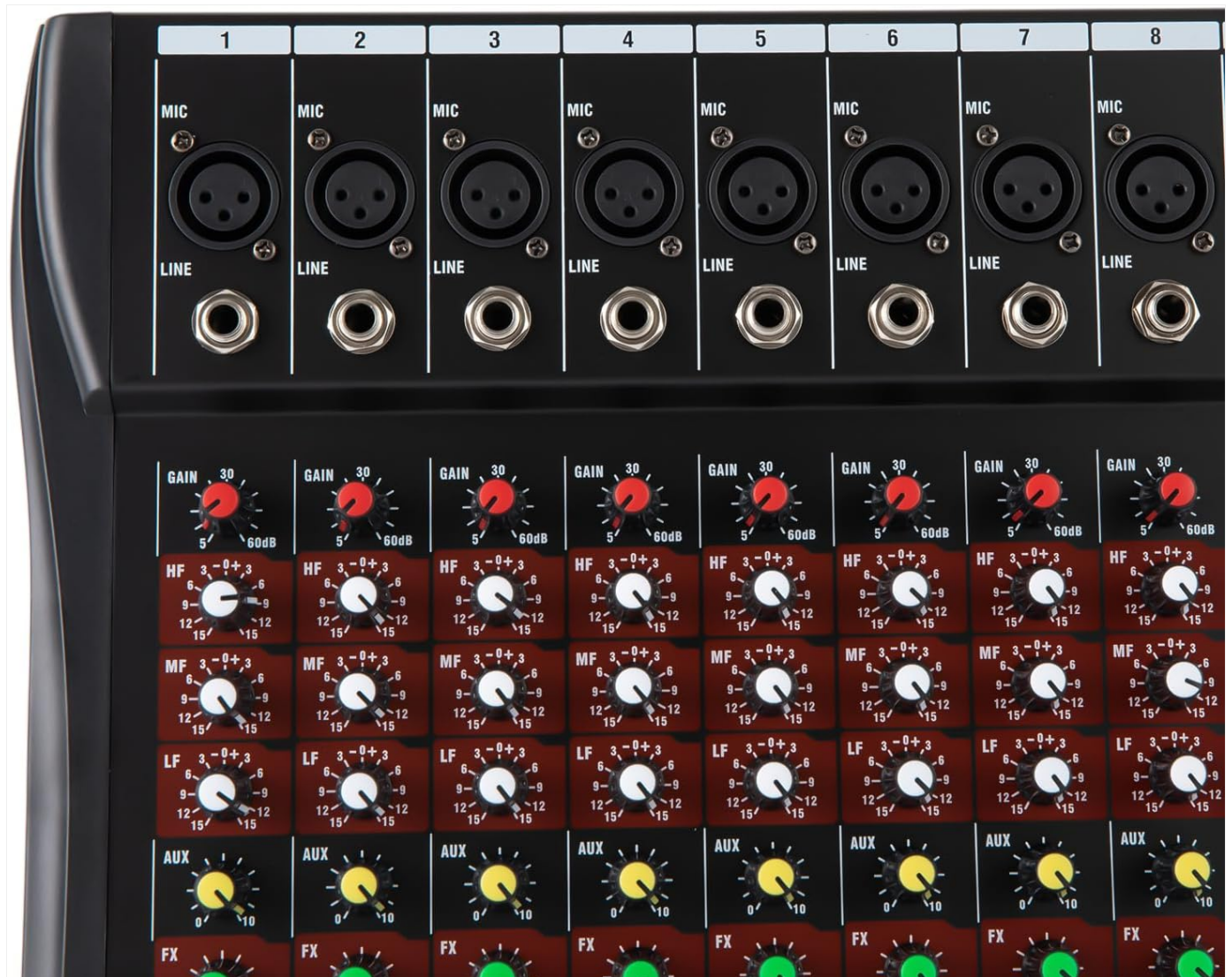


Figure 2: Rear panel connections, including the power input and balanced main outputs. Note the caution labels regarding electric shock and moisture.

3. PRODUCT OVERVIEW

The CNCEST 8-Channel Audio Mixer is designed for professional live studio, DJ, and stage applications. It features a compact design with a comprehensive set of controls for managing audio inputs and outputs.

Key Features:

- 8-channel input for microphones and line-level devices.
- Electronically balanced XLR outputs with +26dBu drive capability.
- Preamp with +34dBu maximum input capability for mic or line.
- Responsive 3-band EQ on each channel.
- Built-in digital effect processor.
- Bluetooth connectivity for wireless music streaming.
- USB/Flash Reader/MP3 compatibility for playback and recording.
- Individual phantom power (+48V) for condenser microphones.
- 60mm dust-protected faders for precise level control.
- Dedicated stereo, peak-retaining monitor meters.
- Headphones and local monitor outputs.
- Ultra-low noise mix head amp design.



Figure 3: The mixer's versatile connectivity options, including Bluetooth, USB, microphone inputs, and MP3 playback/recording.

4. SETUP

4.1 Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the external power adapter to the DC IN jack on the rear panel of the mixer.
3. Plug the power adapter into a standard 110V AC power outlet.
4. Turn the power switch ON. The power indicator light will illuminate.

4.2 Input Connections

The mixer features 8 input channels, each capable of accepting microphone (XLR) or line-level (1/4" TRS/TS) signals.



Figure 4: Detailed view of input channels 1-8, showing both XLR microphone inputs and 1/4" line inputs.

- **Microphones:** Connect microphones to the XLR inputs (MIC) on each channel. For condenser microphones requiring phantom power, press the +48V button (if available) for the respective channel.
- **Line-Level Devices:** Connect instruments (keyboards, guitars with preamps), CD players, or other audio devices to the 1/4" LINE inputs.
- **USB Input:** For connecting a USB drive for MP3 playback or recording.

4.3 Output Connections

- **Main Outputs (L/R):** Connect these XLR outputs to your main PA system, powered speakers, or recording interface.
- **AUX Send:** Connect to external effects processors or monitor speakers.
- **Headphones:** Connect headphones to the 1/4" TRS headphone jack for monitoring. Recommended headphone

impedance is 30 to 600 ohms.

- **Control Room Output:** For connecting to studio monitors.

5. OPERATING INSTRUCTIONS

5.1 Basic Channel Operation



Figure 5: Detailed view of the mixer's control section, showing individual channel controls and master section.

1. **Gain Control:** Adjust the GAIN knob for each input channel to set the input sensitivity. Aim for a strong signal without clipping (the PK LED should only flash occasionally).
2. **3-Band EQ:** Use the HF (High Frequency), MF (Mid Frequency), and LF (Low Frequency) knobs to shape the tone of each channel.
3. **AUX Send:** The AUX knob controls the amount of signal sent to the AUX output for external effects or monitors.
4. **FX Send:** The FX knob controls the amount of signal sent to the internal digital effects processor.
5. **Pan Control:** The PAN knob adjusts the stereo position of the channel signal (Left to Right).
6. **Channel Fader:** Use the 60mm fader to control the volume level of each channel in the main mix.
7. **PFL/AFL Button:** Press this button to solo the channel for monitoring through headphones without affecting the main mix.

5.2 Master Section Controls

- **Main Mix Faders (L/R):** Control the overall output volume of the main stereo mix.
- **AUX Master:** Controls the overall level of the AUX send.
- **FX Master:** Controls the overall level of the internal effects return.
- **Headphones Level:** Adjusts the volume for the headphone output.

- **MP3 Player/Recorder:**

- **USB Port:** Insert a USB flash drive.
- **MENU/MODE:** Navigate through options (Play, Record, Bluetooth).
- **Play/Pause, Next/Previous:** Control media playback.
- **Recording:** Select the record function to capture the main mix to the USB drive.

- **Bluetooth Connectivity:**

1. Press the MODE button on the MP3 player section until "Bluetooth" is displayed.
2. On your device (smartphone, tablet), search for available Bluetooth devices and select "BT-MIXER" (or similar).
3. Once paired, you can stream audio wirelessly to the mixer.



Figure 6: The mixer's Bluetooth function allows wireless audio streaming from compatible devices like smartphones.

- **Digital Effect Processor:** Use the DLY (Delay) and REP (Repeat) knobs to adjust the parameters of the selected effect. The FX master knob controls the overall effect level.

6. MAINTENANCE

6.1 Cleaning

- Always disconnect the power before cleaning.
- Use a soft, dry cloth to wipe the exterior of the mixer.
- Do not use liquid cleaners, abrasive cleaners, or solvents, as these may damage the finish.
- For faders and knobs, use compressed air to remove dust if necessary.

6.2 Storage

- Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, cover the unit to protect it from dust.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected; power outlet faulty; power adapter failure.	Check power cable connections. Try a different power outlet. Ensure the power adapter is functioning.
No sound output	Main mix faders down; speaker cables disconnected; input gain too low; channel fader down; mute engaged.	Increase main mix faders. Check speaker connections and power. Increase input GAIN and channel fader. Ensure no mute buttons are active.
Distorted sound	Input gain too high (clipping); output level too high; faulty cable.	Reduce input GAIN until PK LED stops flashing. Lower main mix faders. Check and replace cables if necessary.
No sound from a specific channel	Channel fader down; GAIN too low; input cable faulty; PFL/AFL engaged (only in headphones).	Increase channel fader and GAIN. Check input cable. Disengage PFL/AFL if main output is desired.
Bluetooth not connecting	Mixer not in Bluetooth mode; device not discoverable; interference.	Ensure mixer is in Bluetooth mode. Make sure your device's Bluetooth is on and discoverable. Try restarting both devices.

8. SPECIFICATIONS

Feature	Detail
Brand	CNCEST
Model Number	8 Channel
Number of Channels	8
Connectivity Technology	Interface, Aux, XLR, USB, Bluetooth
Power Source	Corded Electric (110V)
Frequency Response	20 Hz - 20 kHz (typical)

Feature	Detail
Output Connector Type	XLR
Audio Input	XLR, 1/4" Line
Product Dimensions (D x W x H)	2.17" x 9.45" x 9.45" (approx. 5.5cm x 24cm x 24cm)
Headphones Impedance	30 to 600 ohm recommended
Phantom Power	+48V (individual)



Figure 7: Diagram illustrating the physical dimensions of the audio mixer.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage and customer support, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. This manual does not contain specific warranty details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question