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> SIKUING CT-08 8-Channel Audio Mixer Instruction Manual

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SIKUING CT-08 8-Channel Audio Mixer Instruction Manual

Model: CT-08 | Brand: SIKUING

INTRODUCTION

The SIKUING CT-08 is an advanced 8-channel audio mixer designed for a wide range of audio production needs, from live performances and DJing to studio recording and streaming. This professional mixing console integrates essential features such as 16 DSP effects, 48V phantom power, and versatile connectivity options including USB and Bluetooth, ensuring high-quality sound and flexible operation.



Figure 1: SIKUING CT-08 8-Channel Audio Mixer Overview

This manual provides detailed instructions to help you set up, operate, and troubleshoot your CT-08 audio mixer, ensuring optimal performance and longevity.

SETUP

1. Power Connection

Connect the provided power adapter to the 'DC IN' port on the rear panel of the mixer. Ensure the connection is secure. Flip the 'POWER' switch to the ON position. The power indicator lights will illuminate.

PACKAGE LIST

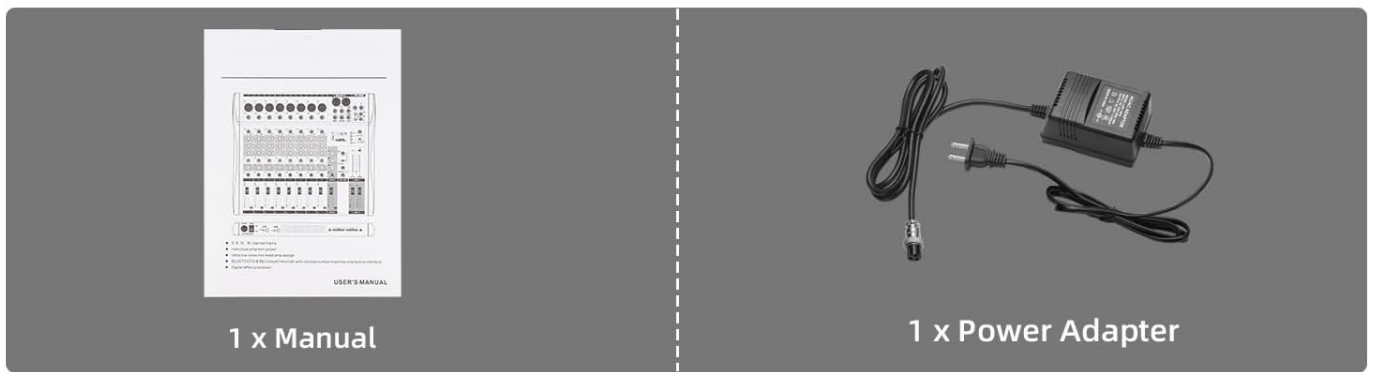
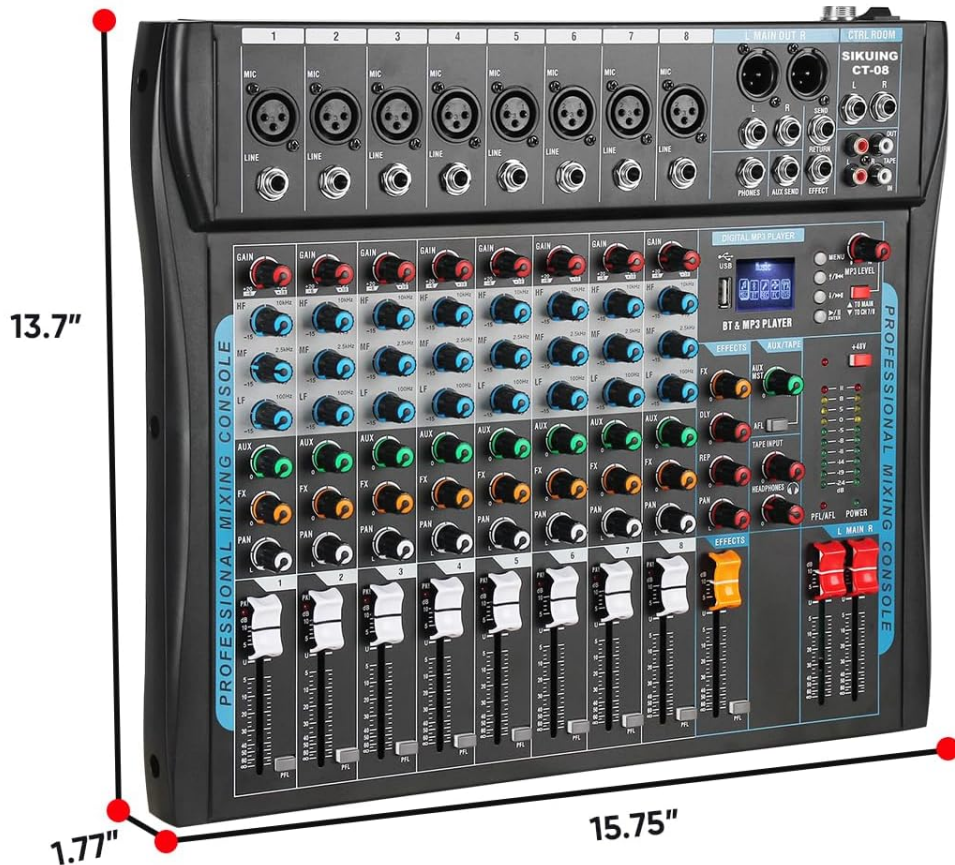


Figure 2: Power Adapter and other package contents

2. Connecting Audio Devices

The CT-08 mixer offers 8 input channels, supporting various audio sources.

- **Microphones:** Use XLR cables to connect microphones to the 'MIC' inputs (Channels 1-8). For condenser microphones, activate the +48V phantom power (see Operating Instructions).
- **Line-Level Devices:** Connect instruments or other line-level audio sources using 1/4" TRS or TS cables to the 'LINE' inputs (Channels 1-8).
- **External Audio Players:** Use the RCA inputs for connecting devices like CD players or other stereo sources.

COMPATIBLE WITH VARIOUS DEVICES

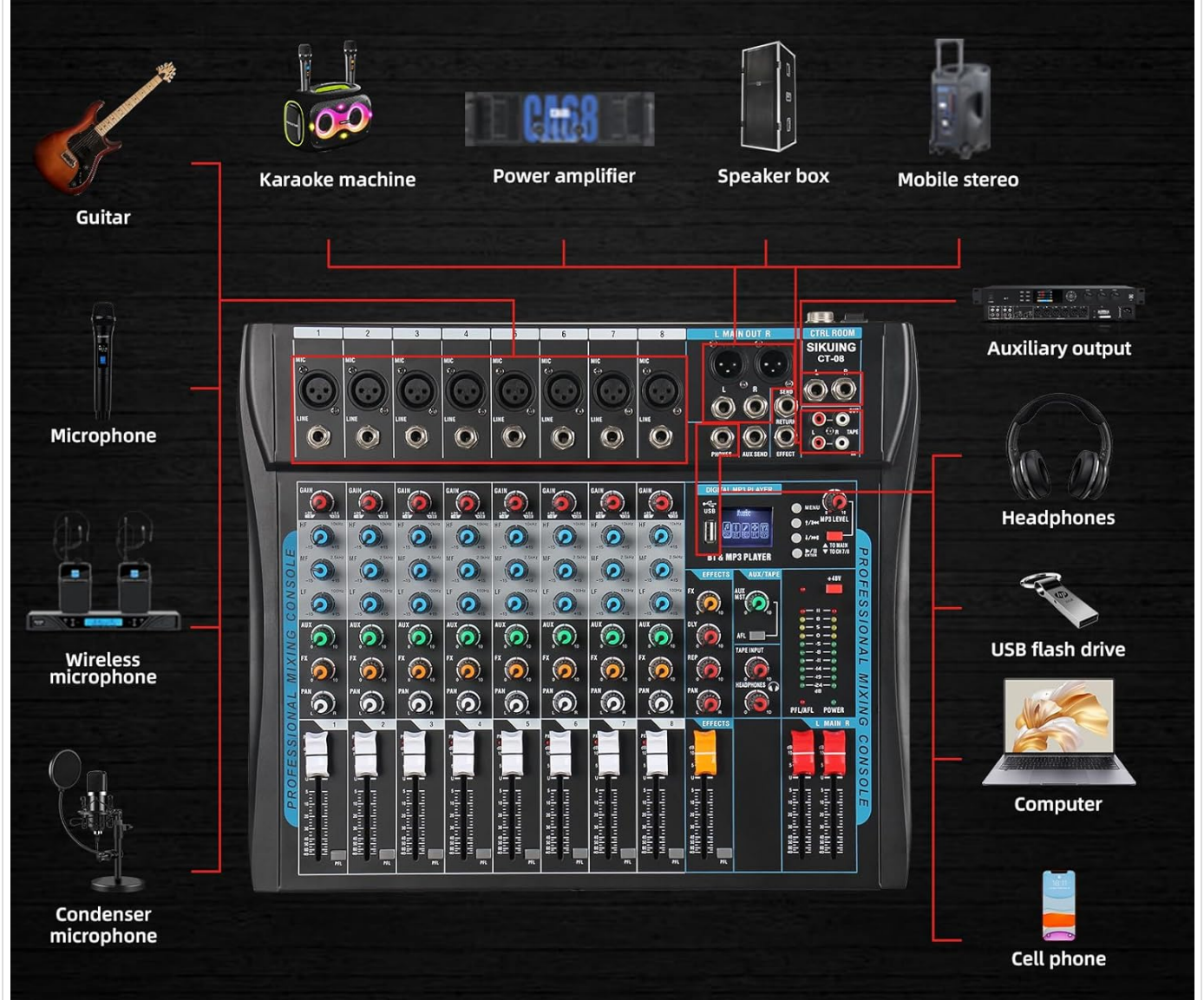


Figure 3: Diagram of compatible devices and connections

3. Output Connections

Connect your main speakers or recording interface to the 'L MAIN OUT R' XLR or 1/4" outputs. Use the 'PHONES' jack for headphone monitoring.

4. USB and Bluetooth Connectivity

- **USB Connection:** Insert a USB drive into the USB port for playback or recording. For computer recording, connect the mixer to your PC via a USB cable.
- **Bluetooth Connection:** Activate Bluetooth on the mixer and pair with your mobile device to stream audio wirelessly.

WIRELESS BLUETOOTH

Experience smooth and reliable wireless transmission
Simply press the mode button to switch effortlessly to Bluetooth mode.



Search bluetooth :
BT-Speaker



Figure 4: Wireless Bluetooth connectivity

SUPPORT USB/COMPUTER

Compatible with USB, MP3. Connect external USB, computer or flash memory devices to mix and record.



Figure 5: USB connection for computer recording

OPERATING INSTRUCTIONS

1. Channel Controls

Each input channel (1-8) features independent controls:

- **GAIN:** Adjusts the input sensitivity for each channel. Set this to an appropriate level to prevent clipping.
- **3-Band EQ:** High, Mid, and Low knobs allow you to shape the tone of each channel. Adjust these to enhance or cut specific frequencies.
- **AUX:** Controls the send level to the auxiliary output, often used for monitor mixes or external effects.
- **FX:** Controls the send level to the internal DSP effects processor.
- **PAN:** Adjusts the stereo position (left/right) of the channel in the main mix.
- **Volume Fader:** Controls the overall output level of the channel to the main mix.

3-BAND EQ ADJUSTMENT

Finer adjustments are possible for more accurate, crisp, and clear sound.

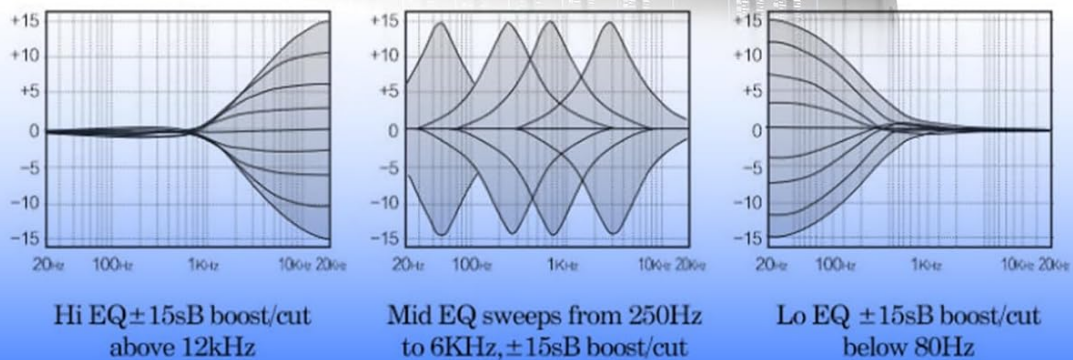


Figure 6: Detailed view of 3-Band EQ controls

2. +48V Phantom Power

The mixer provides +48V phantom power for all microphone channels. This is essential for condenser microphones. To activate, press the '+48V' button. A red LED indicator will confirm activation. Ensure dynamic microphones do not have phantom power applied unless specified by the manufacturer.

+48V PHANTOM POWER

Independent phantom power for each channel.
Support a variety of condenser microphone.



Figure 7: 48V Phantom Power button and indicator

3. 16 DSP Effects

The built-in 16 DSP (Digital Signal Processor) effects offer various reverbs and other effects to enhance your sound. Use the 'EFFECTS' knob to select and adjust the intensity of the desired effect.

16 DSP EFFECTS

Intelligent optimization to protect audio quality



Figure 8: 16 DSP Effects controls

4. USB Player/Recorder

The integrated USB player allows for direct playback of MP3 files from a USB drive. It also supports recording your mix directly to the USB drive or to a connected computer.

- **Playback:** Insert a USB drive with audio files. Use the control buttons (play/pause, next/previous, mode) to navigate and play tracks.
- **Recording:** Select the 'REC' mode on the USB player interface. Press the record button to start and stop recording.

5. Monitoring

Connect headphones to the 'PHONES' output for real-time monitoring of your mix. Adjust the headphone volume using the dedicated knob.



Figure 9: Headphone monitoring setup

6. Main Output Control

The 'L MAIN R' faders control the overall stereo output volume of the mixer. Adjust these to the desired level for your main speakers or recording device.

PRODUCT VIDEOS

SIKUING 8-channel mixer for streaming, recording, live performances.

This video provides an overview of the SIKUING 8-channel mixer, highlighting its suitability for streaming, recording, and live performances. It demonstrates key features and connectivity options.

6/8/12 Channel Professional Audio Mixer

This video showcases the professional capabilities of the audio mixer, including its 6, 8, and 12 channel variants. It illustrates various input/output connections and control functionalities.

Bluetooth & Device Connection Guide

A practical guide demonstrating how to connect devices via Bluetooth and other interfaces to the mixer, ensuring seamless audio integration.

SPECIFICATIONS

Feature	Detail
Item Weight	8.13 pounds (3.7 Kilograms)
Package Dimensions	17.5 x 16.88 x 4.25 inches
Item Model Number	CT-08
Power Source	Corded Electric
Number of Channels	8
Connectivity Technology	Bluetooth, USB
DSP Effects	16 Built-in Digital Multi-Effects
Phantom Power	+48V for all microphone channels