



Manuals.plus /

- › MIZISNR /
- › MIZISNR AX-160S 16-Channel Audio Mixer Instruction Manual

MIZISNR AX-160S

MIZISNR AX-160S 16-Channel Audio Mixer Instruction Manual

Model: AX-160S | Brand: MIZISNR

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MIZISNR AX-160S 16-Channel Audio Mixer. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. SAFETY INFORMATION

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, or injury.

- Ensure the power supply voltage matches the product's requirements (110V AC).
- Do not expose the unit to rain or moisture.
- Do not open the casing; refer servicing to qualified personnel.
- Keep away from heat sources and direct sunlight.
- Disconnect power before cleaning or when not in use for extended periods.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- MIZISNR AX-160S 16-Channel Audio Mixer
- Power Cord (Standard US plug)
- Instruction Manual (This document)

Your browser does not support the video tag.

Video 3.1: Product Unboxing Display. This video demonstrates the unboxing of the mixer, revealing the main unit, instruction manual, and power cord.

4. PRODUCT OVERVIEW AND FEATURES

The MIZISNR AX-160S is a professional 16-channel audio mixer designed for various applications including recording, karaoke, podcasting, live performances, and more. It features high-quality sound output, seamless Bluetooth connectivity, USB playback and recording, 48V phantom power, and versatile controls.

Key Features:

- **16 Channels:** Ample inputs for multiple microphones and instruments.
- **3-Band EQ:** Independent high, mid, and low frequency adjustment for each channel.
- **Bluetooth Connectivity:** Wireless streaming from mobile devices.
- **USB Port:** Direct MP3/U disk input, built-in MP3 player/recorder, and USB audio interface for computer recording (Note: Not compatible with MacBook for recording).
- **48V Phantom Power:** Supports condenser microphones.
- **Digital Effects:** Built-in digital effects for enhanced audio.
- **Real-time Monitoring:** 6.35mm monitor jack for immediate feedback.

WIRELESS BLUETOOTH

Built-in wireless Bluetooth, stable transmission and reception

Press the mode switch button to Bluetooth mode



Search bluetooth :
BT-Speaker



Figure 4.1: MIZISNR AX-160S Mixer Overview. This image displays the full layout of the 16-channel audio mixer, highlighting its numerous controls and input/output sections.

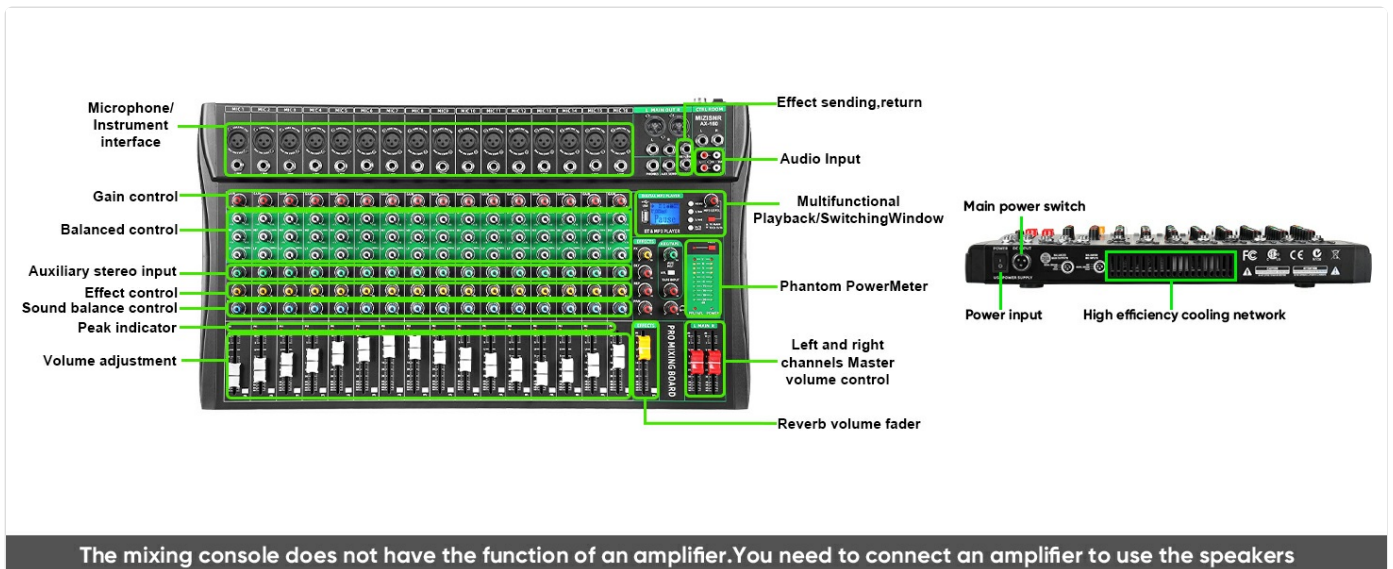


Figure 4.2: Mixer Button Functions. This diagram labels various controls on the mixer, including microphone/instrument interfaces, gain control, balanced control, auxiliary stereo input, sound balance control, peak indicator, volume adjustment, multifunctional playback/switching window, phantom power meter, left and right channel master volume control, reverb volume fader, main power switch, power input, and high-efficiency cooling network.

5. SETUP

5.1 Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the provided power cord to the "POWER INPUT" port on the rear of the mixer.
3. Plug the other end of the power cord into a standard 110V AC power outlet.
4. Flip the power switch to the ON position. The power indicator light will illuminate.

Your browser does not support the video tag.

Video 5.1: Powering On the Mixer. This video demonstrates connecting the power cable and turning on the MIZISNR AX-160S mixer, showing the power indicator light activating.

5.2 Input Connections

The mixer supports various input types:

- **XLR Inputs:** For microphones (dynamic and condenser).
- **6.35mm Line Inputs:** For instruments (guitars, keyboards) and other line-level audio sources.
- **Stereo RCA Inputs:** For connecting consumer audio devices.

1. Connect microphones to the XLR inputs. For condenser microphones, activate the +48V Phantom Power (see Section 6.3).
2. Connect instruments or other line-level devices to the 6.35mm LINE inputs.
3. Connect stereo audio sources (e.g., CD player) to the stereo RCA inputs.

3-BAND EQ CONTROLS

Each channel can be adjusted independently for high/medium/bass

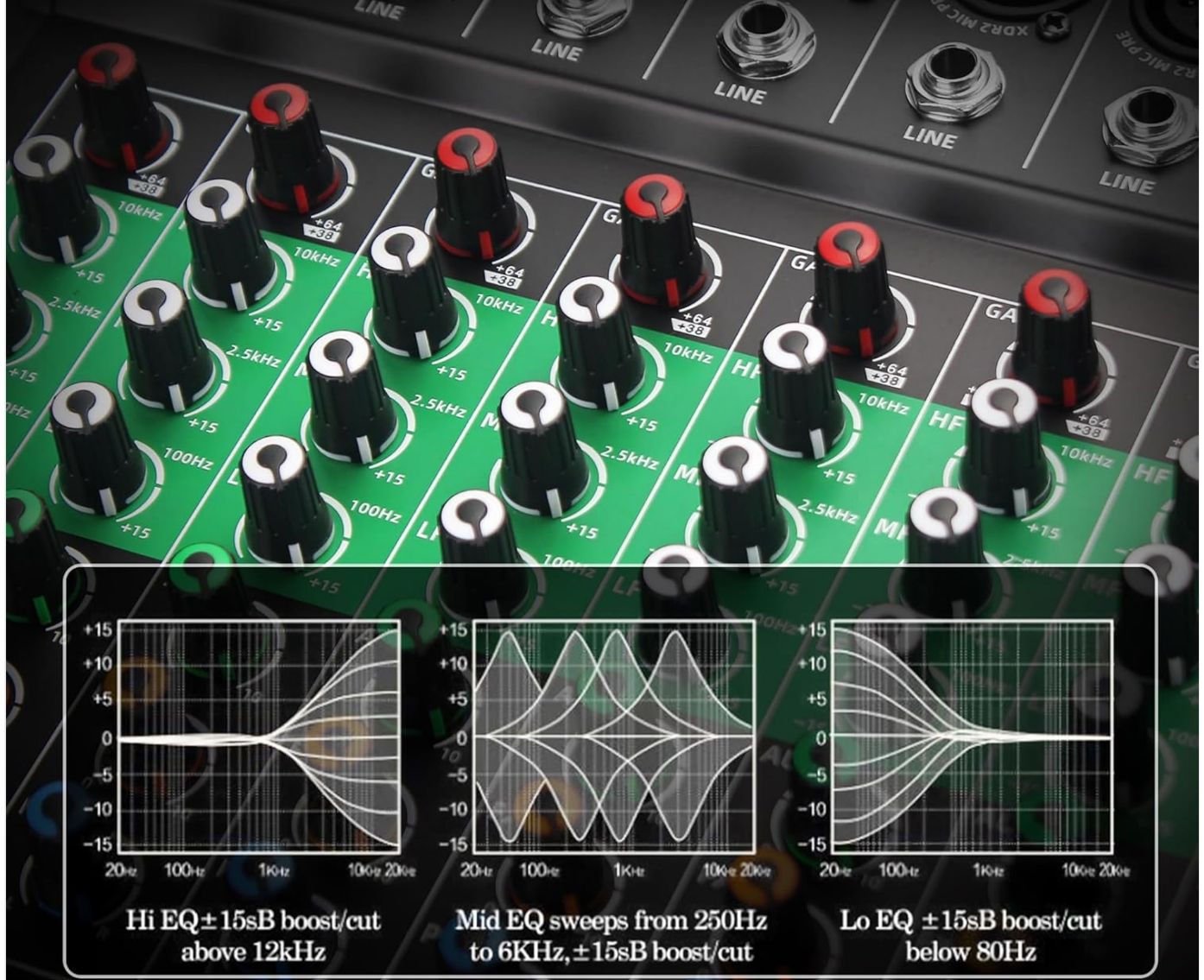


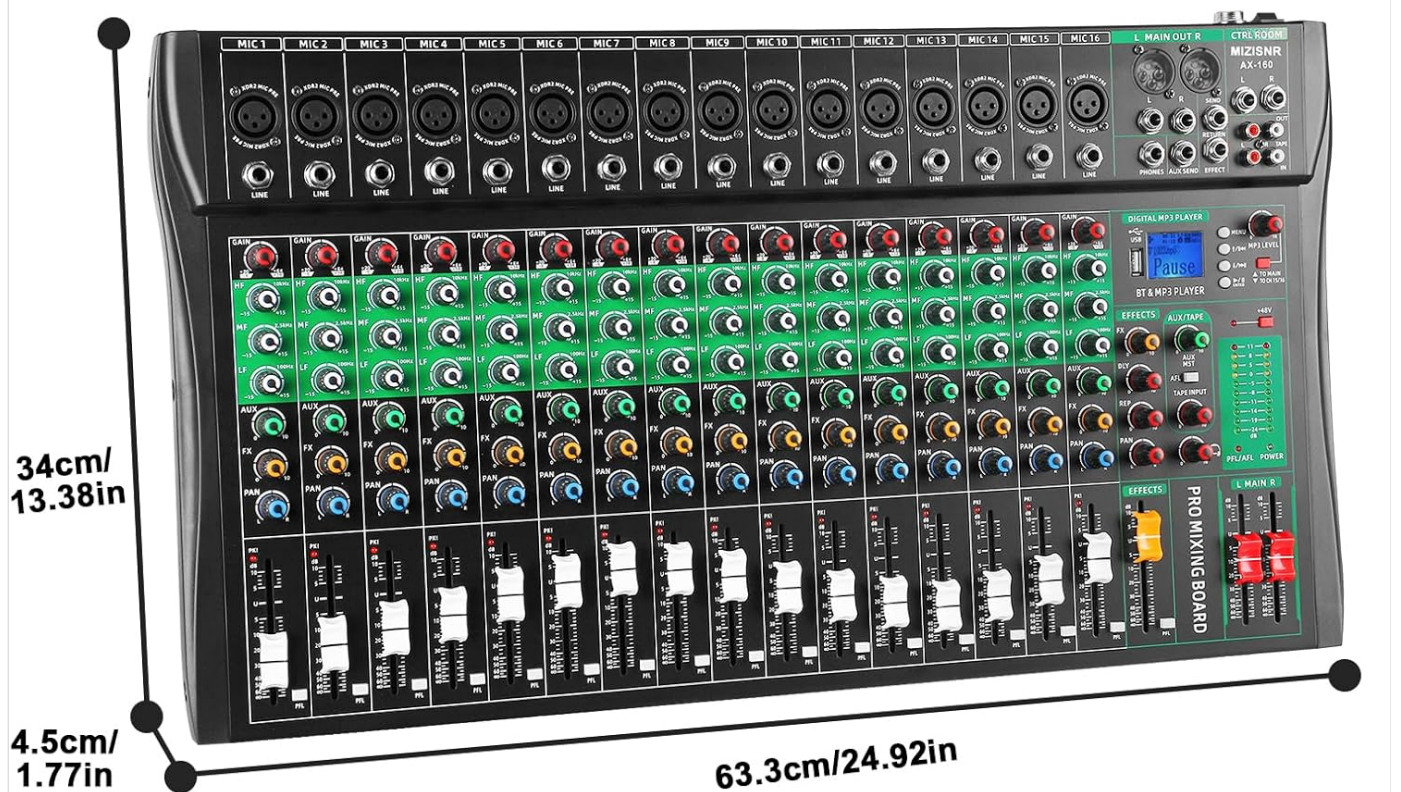
Figure 5.2: Mixer Input Connections. This image illustrates how to connect various audio sources, including microphones and line-level instruments, to the mixer's input channels.

5.3 Output Connections

Connect your main speakers or recording devices to the main outputs:

- **XLR Main Outputs:** For connecting to power amplifiers or active speakers.
- **6.35mm Main Outputs:** Alternative main outputs.
- **Headphone Output:** For monitoring the mix.

SIZE DETAILS



Weight: 11.68 LBS



Headphone Monitor



U Disk/ MP3 Playback with
LED Display



Comfortable Damping Feel

Figure 5.3: Mixer Output Connections. This image shows the various output ports on the mixer, including XLR main outputs and headphone jacks, for connecting to speakers, amplifiers, or monitoring devices.

6. OPERATING INSTRUCTIONS

6.1 Channel Controls (Gain, EQ, AUX, FX, PAN, Volume)

Each channel on the mixer has dedicated controls for precise audio shaping:

- **GAIN:** Adjusts the input sensitivity for each channel. Set it to an appropriate level to avoid clipping.
- **3-Band EQ (HIGH, MID, LOW):** Fine-tune the frequency response of each channel.
 - **HIGH:** Adjusts treble frequencies (e.g., 12kHz).
 - **MID:** Adjusts mid-range frequencies (e.g., 2.5kHz).
 - **LOW:** Adjusts bass frequencies (e.g., 80Hz).
- **AUX:** Controls the send level to auxiliary outputs, often used for monitor mixes.

- **FX:** Controls the send level to the built-in digital effects processor.
- **PAN:** Adjusts the stereo position (left/right) of the channel in the main mix.
- **Channel Volume Fader:** Controls the output level of each individual channel to the main mix.



Figure 6.1: 3-Band EQ Controls. This image highlights the individual 3-band equalizer controls (High, Mid, Low) for each channel, allowing for precise tonal adjustments.

6.2 Digital MP3 Player and Recorder (USB/Bluetooth)

The mixer features a versatile digital player for playback and recording:

- **USB Playback:** Insert a USB flash drive with MP3, WAV, or WMA files into the USB port. Use the player controls (MENU, play/pause, skip) to navigate and play tracks.
- **Bluetooth Playback:**
 1. Press the MODE button on the digital player to select Bluetooth mode.
 2. On your mobile device, search for "BT-Speaker" and connect.

3. Once connected, you can stream audio wirelessly to the mixer.

- **USB Recording:** Connect a USB flash drive and use the recording function on the digital player to record your mix. (Note: Direct recording to MacBook via USB is not supported).

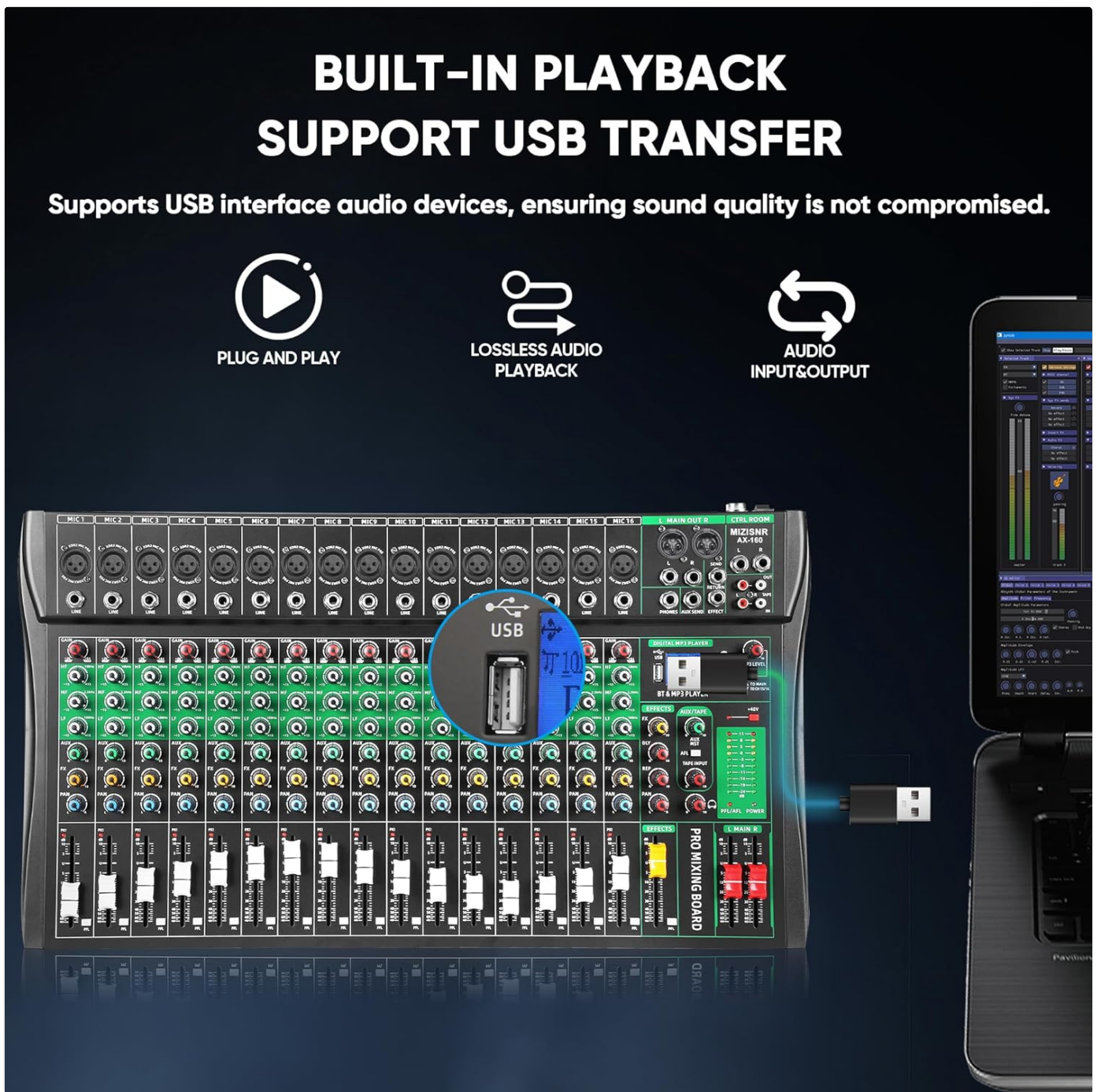


Figure 6.2: Built-in Playback and USB Transfer. This image shows the digital MP3 player section with USB input, illustrating its capabilities for plug-and-play, lossless audio playback, and audio input/output via USB.

+48V PHANTOM POWER

Activate the PHANTOM button to power wired and condenser microphones, ensuring optimal performance and clear vocal capture.



Figure 6.3: Wireless Bluetooth Connectivity. This image demonstrates connecting a smartphone via Bluetooth to the mixer for wireless audio streaming, showing the "BT-Speaker" device name.

6.3 +48V Phantom Power

For condenser microphones, activate the +48V Phantom Power:

1. Connect your condenser microphone to an XLR input.
2. Locate the +48V PHANTOM button for the corresponding channel.
3. Press the button to supply 48V phantom power. The indicator light will turn on.
4. Ensure dynamic microphones are not connected to channels with active phantom power, as this can cause damage.

REAL-TIME MONITOR

Perfect for recording the 6.35mm monitor jack lets you instantly hear the recorded sound for immediate feedback.



Figure 6.4: +48V Phantom Power. This image shows the +48V phantom power button on the mixer, indicating its use for powering wired and condenser microphones to ensure optimal performance and clear vocal capture.

6.4 Real-time Monitoring

Connect headphones to the 6.35mm PHONES jack for real-time monitoring of your mix. Adjust the headphone volume knob to your desired listening level.

COMPATIBLE WITH VARIOUS DEVICES

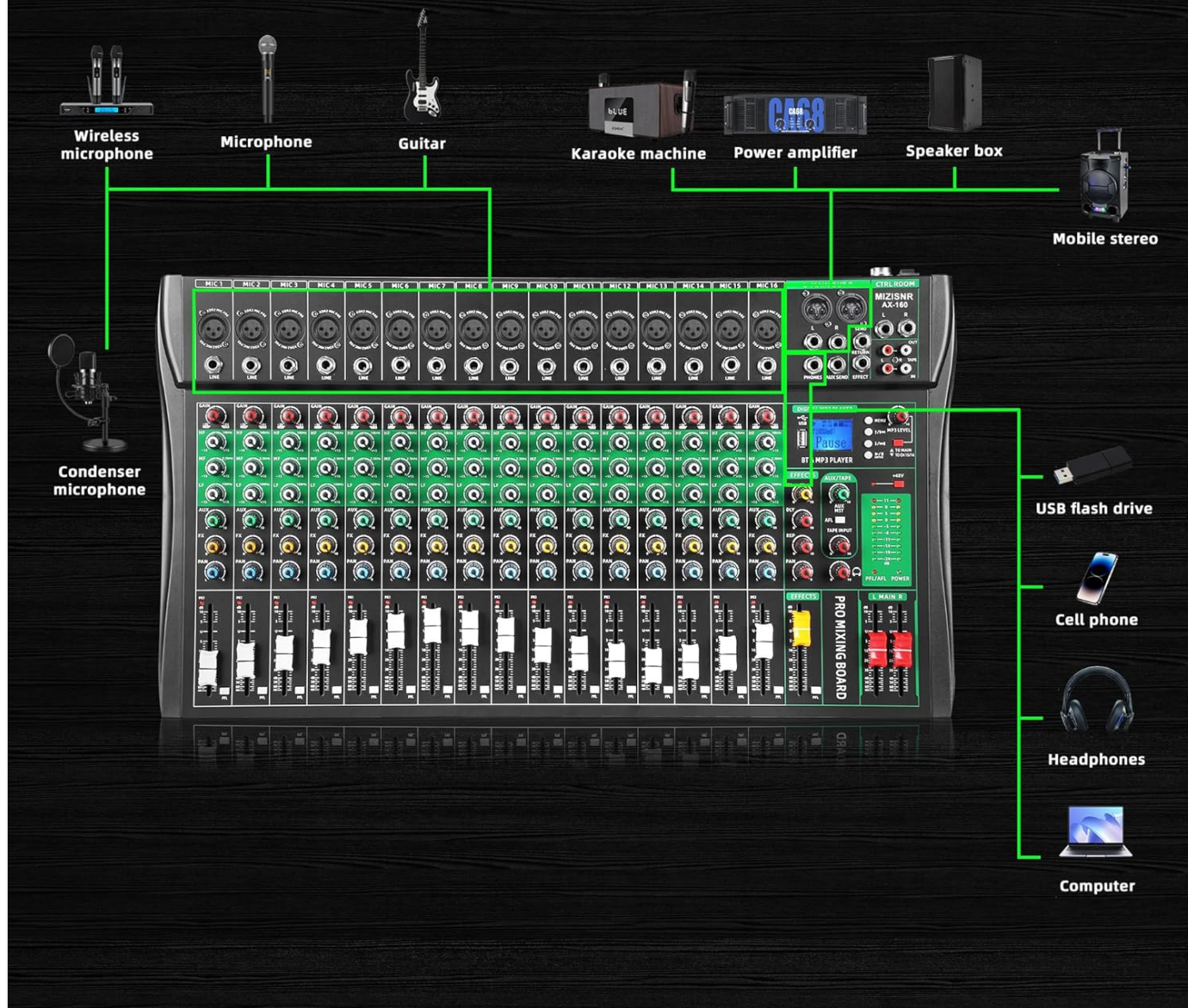


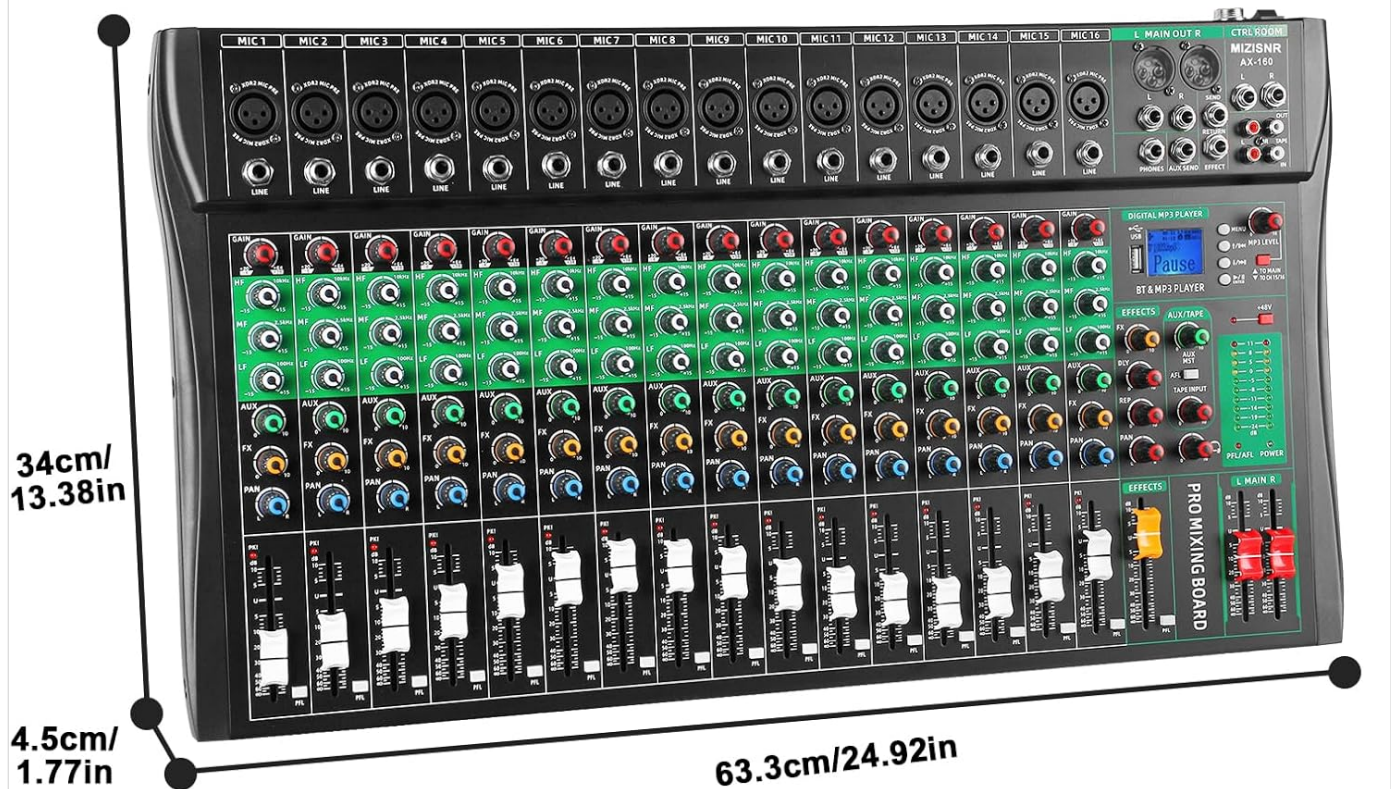
Figure 6.5: Real-time Monitor. This image illustrates the use of the 6.35mm monitor jack with headphones, allowing users to instantly hear the recorded sound for immediate feedback.

7. MULTI-SCENARIO APPLICATIONS

The MIZISNR AX-160S mixer is designed for versatility and can be used in a wide range of audio environments:

- **Stage Performance:** Mix live instruments and vocals for concerts and events.
- **Bar Resident Sing / Karaoke:** Enhance vocal performances in entertainment venues.
- **Band Rehearsal:** Facilitate clear monitoring and mixing during practice sessions.
- **Live Singing:** Optimize vocal quality for solo artists or small groups.
- **Recording Studios:** Capture high-quality audio for music production and podcasts.
- **Conferences & Events:** Manage audio for presentations and public speaking.

SIZE DETAILS



Weight: 11.68 LBS



Headphone Monitor



U Disk/ MP3 Playback with
LED Display



Comfortable Damping Feel

Figure 7.1: Compatible with Various Devices. This image shows the mixer connected to various devices such as wireless microphones, microphones, guitars, karaoke machines, power amplifiers, speaker boxes, mobile stereos, condenser microphones, USB flash drives, cell phones, headphones, and computers, illustrating its broad compatibility.

Your browser does not support the video tag.

Video 7.1: Multi-Scenario Applications. This video showcases the MIZISNR AX-160S mixer being used in various settings, including stage performances, bar resident singing, band rehearsals, and live singing, demonstrating its versatility.

8. SPECIFICATIONS

Feature	Specification
Brand	MIZISNR
Model	AX-160S
Number of Channels	16
Product Dimensions (D x W x H)	1.77"D x 24.92"W x 13.38"H
Connectivity Technology	Bluetooth, USB
Power Source	Corded Electric
Output Connector Type	XLR
Audio Input	XLR
Voltage	110 Volts (AC)
Weight	11.68 LBS



Figure 8.1: Size and Details of MIZISNR AX-160S Mixer. This image provides a detailed view of the mixer's dimensions (34cm/13.38in height, 63.3cm/24.92in width, 4.5cm/1.77in depth) and weight (11.68 LBS), along with close-ups of the headphone monitor, U Disk/MP3 playback with LED display, and comfortable damping feel of the faders.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Incorrect cable connections, low volume levels, power off.	Check all audio cables and ensure they are securely connected. Verify all volume faders and gain knobs are set appropriately. Confirm the mixer is powered on.
Microphone not working	Phantom power off (for condenser mics), incorrect gain, faulty microphone/cable.	Activate +48V phantom power for condenser microphones. Adjust the channel's GAIN knob. Test with a different microphone or cable.
Bluetooth connection issues	Device not in pairing mode, out of range, interference.	Ensure the mixer is in Bluetooth mode and discoverable. Keep the device within 33 ft range. Minimize interference from other wireless devices.
USB recording not working with MacBook	Incompatibility with MacBook for direct recording.	The mixer does not support direct USB recording with MacBook. Use a compatible Windows PC or record directly to a USB flash drive.

10. MAINTENANCE

To ensure the longevity and optimal performance of your MIZISNR AX-160S mixer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the mixer to strong impacts.
- **Ventilation:** Ensure proper ventilation around the unit to prevent overheating. Do not block the cooling network.

11. WARRANTY AND SUPPORT

The MIZISNR AX-160S comes with a 2-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

For warranty claims or technical support, please contact MIZISNR customer service through the retailer where the product was purchased or visit the official MIZISNR website for contact information.

MIZISNR Official Store: Visit the MIZISNR Store on Amazon