

Gochanmi M10

Gochanmi M10 Professional 10-Channel Audio Mixer User Manual

Model: M10

1. INTRODUCTION

Thank you for choosing the Gochanmi M10 Professional 10-Channel Audio Mixer. This mixer is designed to provide high-quality audio mixing, recording, and playback capabilities for various applications, including live performances, studio recording, and broadcasting. It features 99 DSP effects, Bluetooth connectivity, USB audio interface functionality, and individual +48V phantom power for each microphone input.

Please read this manual thoroughly before operating the device to ensure proper usage and to maximize its performance and longevity.

2. SAFETY INFORMATION

- **Power Supply:** Use only the provided power adapter. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block ventilation openings. Place the mixer on a stable, flat surface with adequate airflow.
- **Moisture:** Keep the device away from water, rain, and high humidity. Do not operate with wet hands.
- **Heat:** Avoid placing the mixer near heat sources or in direct sunlight.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.

3. PRODUCT OVERVIEW

Key Features:

- 10-channel professional audio mixer.
- Dual 99 DSP digital reverb effects.
- Ultra-low noise discrete microphone preamplifiers.
- Individual +48V phantom power for each microphone input.
- Bluetooth connectivity for mobile devices.
- USB audio interface function for PC recording and playback.
- USB port for U-disk recording and MP3 playback.
- 3-band equalizer on each mono input channel.
- Built-in 5-band stereo equalizer.
- Auxiliary output and headphone monitor output.

Component Identification:

Familiarize yourself with the mixer's controls and connections. Refer to the images below for detailed button and interface descriptions.

DESCRIPCION DEL BOTON



- 01 ENTRADA DE SENAL DE CANAL ESTEREO
- 02 NTERFAZ DE ENTRADA DE SENAL DE RETORNO
- 03 INTERFAZ DE SALIDA DE SENAL DE REVERBERACION
- 04 INTERFAZ DE AURICULARES DE MONITOREO
- 05 CONTROL DE VOLUMEN DE AURICULARES DE MONITOREO
- 06 INTERFAZ DE SALIDA DE SENAL DE MARSHALLING
- 07 INTERFAZ DE SALIDA DE SENAL DE SONIDO PRINCIPAL
- 08 INTERFAZ USB
- 09 CONTROL DE ENTRADA USB
- 10 CONTROL DE DSP
- 11 CONTROL DE SENAL DE RETORNO
- 12 CONTROL DE SALIDA DE SENAL DE REVERBERACION
- 13 INTERFAZ DE ENCENDIDO/APAGADO DE SENAL DE MARSHALLING
- 14 INTERFAZ DE ENCENDIDO/APAGADO DE SENAL DE SONIDO PRINCIPAL
- 15 CONTROL DE SALIDA DE SENAL DE MARSHALLING
- 16 CONTROL DE SALIDA DE SENAL DE SONIDO PRINCIPAL
- 17 ESCUCHE Y VISUALICE LA SELECCION EL INTERRUPTOR
- 18 GRUPO AL QUE SE UNIRA EL INTERRUPTOR DE SONIDO PRINCIPAL

Image: Gochanmi M10 Mixer Top Panel Controls. This image displays the various knobs, faders, and buttons on the top panel of the M10 mixer, including input channels, master section, and digital MP3 player controls.

DESCRIPCION DEL BOTON

01 PUERTO DE ENTRADA MULTIFUNCION

LA INTERFAZ UNIVERSAL ES COMPATIBLE CON EL CONECTOR XLR Y EL CONECTOR DE 6.35 MM

02 INTERRUPTOR DE ALIMENTACION PHANTOM +48V

CADA CANAL TIENE SU PROPIO INTERRUPTOR DE +48V. DEPENDIENDO DE LOS DISPOSITIVOS CONECTADOS A CADA CANAL, SE PUEDE CONTROLAR SI PROPORCIONAR O NO ALIMENTACIÓN PHANTOM DE +48V

03 CONTROLADOR DE GANANCIA

GIRE HACIA LA DERECHA PARA AUMENTAR LA GANANCIA DEL CANAL, Y HACIA LA IZQUIERDA PARA DISMINUIR LA GANANCIA DEL CANAL

04 AJUSTE DE AGUDOS

PUEDA AJUSTAR LA PARTE DE AGUDOS DE ESTE CANAL DE ENTRADA GIRANDO EL CONTROL AQUÍ. GIRANDO A LA IZQUIERDA DISMINUIRÁ LOS AGUDOS, MIENTRAS QUE GIRANDO A LA DERECHA AUMENTARÁ LOS AGUDOS.

05 CONTROL DE MEDIOS

PUEDA AJUSTAR LA PARTE DE MEDIOS DE ESTE CANAL DE ENTRADA GIRANDO EL CONTROL AQUÍ. GIRANDO A LA IZQUIERDA DISMINUIRÁ LOS MEDIOS, MIENTRAS QUE GIRANDO A LA DERECHA AUMENTARÁ LOS MEDIOS.

06 CONTROL DE GRAVES

PUEDA AJUSTAR LA PARTE DE GRAVES DE ESTE CANAL DE ENTRADA GIRANDO EL CONTROL AQUÍ. GIRANDO A LA IZQUIERDA DISMINUIRÁ LOS GRAVES, MIENTRAS QUE GIRANDO A LA DERECHA AUMENTARÁ LOS GRAVES.

07 CONTROL DE SEÑALES DE ECHO

08 CONTROL DE POSICIONAMIENTO DEL CAMPO DE SONIDO

ESTO SE UTILIZA PARA AJUSTAR LA DISTRIBUCIÓN ESPACIAL DE LA FUENTE DE SONIDO EN ESTE CANAL. CUANDO SE GIRA HACIA LA IZQUIERDA, SE COLOCA LA FUENTE DE SONIDO EN EL LADO IZQUIERDO DE LA ESCUCHA. CUANDO SE GIRA HACIA LA DERECHA, SE COLOCA LA FUENTE DE SONIDO EN EL LADO DERECHO DE LA ESCUCHA.

10 BOTON DE SILENCIO

AL PRESIONAR ESTE BOTÓN, SE SILENCIARÁN TODOS LOS SONIDOS DE ESTE CANAL.

09 CONTROL DE VOLUMEN DE SENAL DE CANAL

10 INTERRUPTOR DE SENAL DE SONIDO PRINCIPAL DE CANAL

11 INTERRUPTOR DE SENAL DE AGRUPACION DE CANALES

12 INTERRUPTOR DE SENAL DE CANAL

13 INTERRUPTOR DE CORTE BAJO

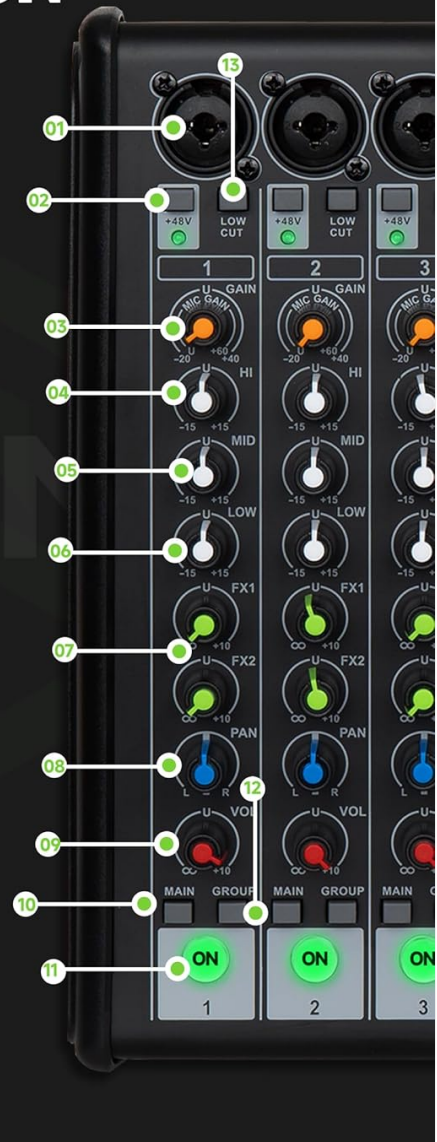


Image: Gochanmi M10 Mixer Channel Controls. This image provides a close-up view of a single channel strip, detailing the gain, EQ (HI, MID, LOW), effect send, pan, mute, and volume controls, along with the +48V phantom power switch and low-cut filter.

- Multifunction Input Port:** Universal interface compatible with XLR and 6.35mm connectors.
- +48V Phantom Power Switch:** Each channel has its own +48V switch to provide phantom power to condenser microphones as needed.
- Gain Control:** Adjusts the input sensitivity of the channel. Turn right to increase, left to decrease.
- Treble Adjustment (HI):** Adjusts the high-frequency range of the input channel.
- Mid-Range Control (MID):** Adjusts the mid-frequency range of the input channel.
- Bass Control (LOW):** Adjusts the low-frequency range of the input channel.
- Effect Send Control (FX1/FX2):** Adjusts the amount of signal sent to the internal effects processor.
- Pan Control (PAN):** Adjusts the stereo positioning of the sound source in the channel.
- Mute Button:** Mutes all sounds from the corresponding channel.
- Channel Signal Volume Control:** Adjusts the output level of the individual channel.
- Channel Main Output Assignment Switch (MAIN):** Assigns the channel signal to the main stereo output.

12. **Channel Group Assignment Switch (GROUP):** Assigns the channel signal to a specific group output.
13. **Low Cut Switch:** Activates the low-cut filter for the channel, reducing unwanted low-frequency noise.
14. **Stereo Channel Signal Input:** Inputs for stereo line-level signals.
15. **Return Signal Input Interface:** Inputs for returning processed signals from external effects units.
16. **Reverb Signal Output Interface:** Outputs for sending signals to external reverb units.
17. **Monitor Headphone Interface:** Output for connecting headphones for monitoring.
18. **Monitor Headphone Volume Control:** Adjusts the volume of the connected headphones.
19. **Auxiliary Send Output Interface (SEND):** Output for sending signals to external processors or monitor systems.
20. **Main Sound Signal Output Interface (MAIN OUT):** Main stereo outputs of the mixer.
21. **USB Interface:** Port for connecting to a computer or USB flash drive.
22. **USB Input Control:** Controls for USB audio input/playback.
23. **DSP Control:** Controls for selecting and adjusting the internal DSP effects.
24. **Return Signal Control:** Adjusts the level of the returned signal.
25. **Reverb Signal Output Control:** Adjusts the level of the reverb output signal.
26. **Auxiliary Send On/Off Switch:** Activates or deactivates the auxiliary send.
27. **Main Output On/Off Switch:** Activates or deactivates the main stereo output.
28. **Auxiliary Send Output Control:** Adjusts the output level of the auxiliary send.
29. **Main Sound Signal Output Control:** Adjusts the overall main stereo output level.
30. **PFL/AFL Monitoring Switch:** Pre-Fader Listen / After-Fader Listen switch for monitoring individual channels or groups.
31. **Channel Group Assignment Switch:** Assigns channels to specific groups.

4. SETUP

4.1 Power Connection

Connect the provided power adapter to the mixer's power input and then to a suitable power outlet (AC220V, 50Hz or 120V, 60Hz). Ensure the mixer's power switch is in the OFF position before connecting.

4.2 Audio Connections

The Gochanmi M10 mixer offers versatile connectivity for various audio sources and outputs. Refer to the connection diagram below for a visual guide.

TYT-M10-MX

DEMOSTRACIÓN DE CONEXIÓN

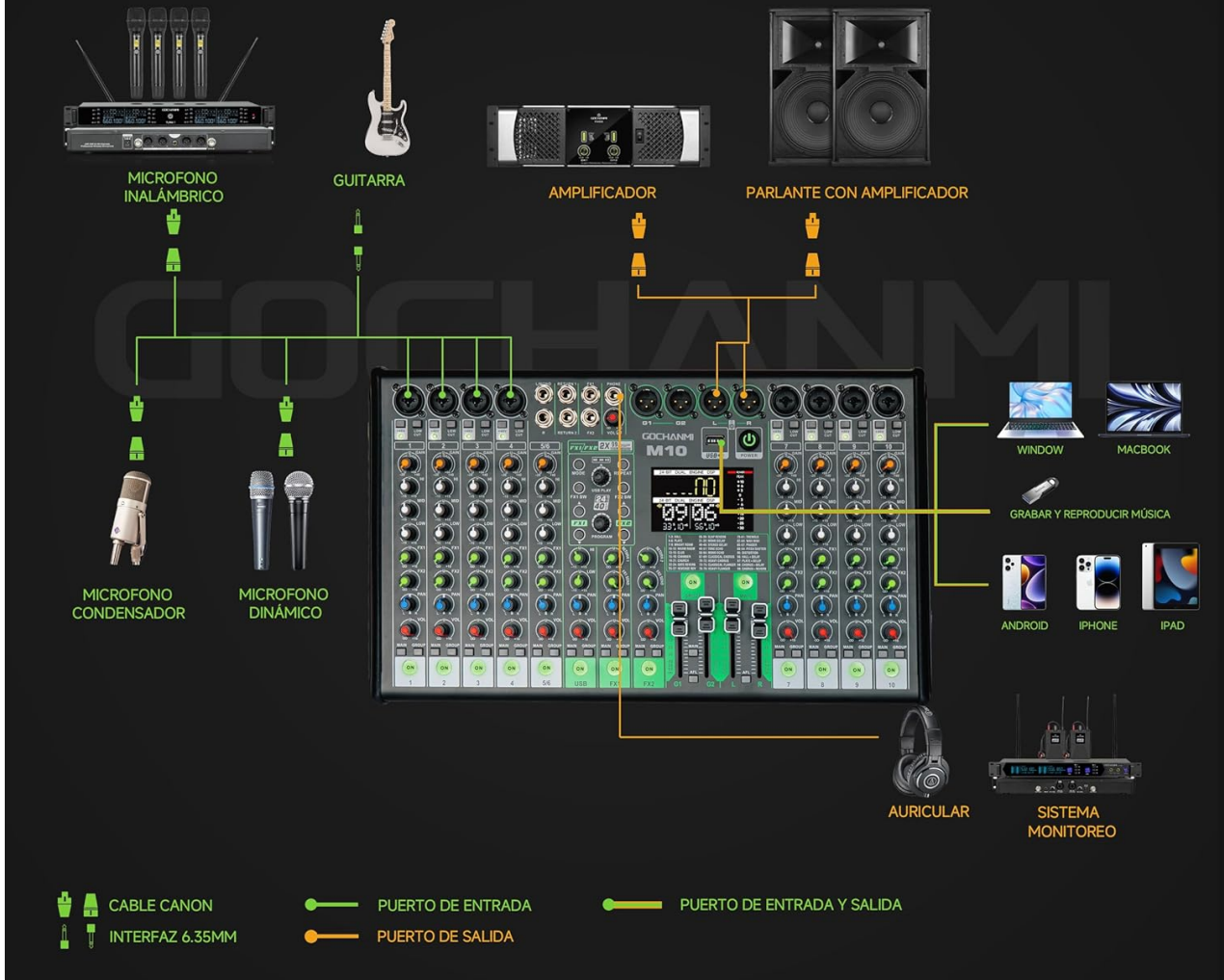


Image: Gochanmi M10 Mixer Connection Demonstration. This diagram illustrates how to connect various audio equipment such as wireless microphones, guitars, amplifiers, powered speakers, condenser microphones, dynamic microphones, computers (Windows/MacBook), mobile devices (Android/iPhone/iPad), headphones, and monitoring systems to the M10 mixer.

- **Microphones:** Connect dynamic microphones using XLR or 6.35mm cables to the multifunction input ports. For condenser microphones, connect via XLR and activate the individual +48V phantom power switch for the respective channel.
- **Instruments:** Connect instruments like guitars to the 6.35mm line inputs.
- **Speakers/Amplifiers:** Connect your powered speakers or amplifiers to the MAIN OUT (XLR or 6.35mm) or other output interfaces as required.
- **Headphones:** Insert headphones into the MONITOR HEADPHONE interface for personal monitoring. The headphone volume can be adjusted separately.

TYT-M10-MX

BOTON SILENCIO Y BOTON PHANTOM POWER



BOTON DE +48V PHANTOM POWER INDEPENDIENTE

CADA CANAL PUEDE SER ALIMENTADO CON +48V PHANTOM POWER SEGÚN SEA NECESARIO.



INTERRUPTOR DE CORTE BAJO

PRESIONE EL BOTÓN PARA QUE LA RUTA SALGA EN EL GRUPO

Image: Gochanmi M10 Mixer Phantom Power and Low Cut. This image highlights the independent +48V phantom power buttons for each channel and the low-cut filter switches, essential for connecting condenser microphones and managing low-frequency noise.

4.3 Digital Connections (USB & Bluetooth)

The M10 mixer offers versatile digital connectivity for recording and playback.

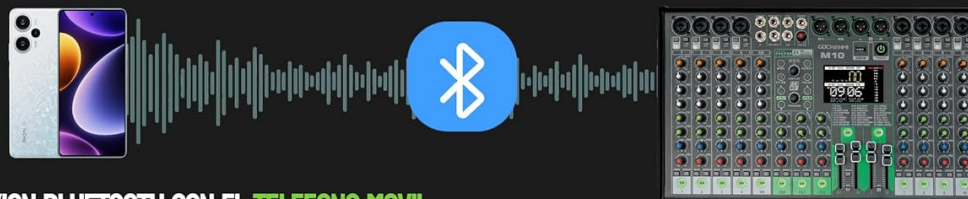
CONEXIÓN USB MULTIFUNCIONAL

RECONOCIMIENTO DE COMPATIBILIDAD
INTELIGENTE



CONECTAR A LA COMPUTADORA COMO TARJETA DE SONIDO

USANDO UN CABLE USB DE DOBLE CABEZAL PARA CONECTAR A LA COMPUTADORA, SE PUEDE PROPORCIONAR SIMULTÁNEAMENTE ALIMENTACIÓN Y TRANSFERENCIA DE DATOS".



CONEXION BLUETOOTH CON EL TELEFONO MOVIL

CONEXIÓN INALÁMBRICA BLUETOOTH, TAMBIÉN SE PUEDE REALIZAR EL PROCESAMIENTO DE ECUALIZACIÓN EN LA MÚSICA DEL TELÉFONO



REPRODUCCIÓN DE MÚSICA

GRABACIÓN DE AUDIO

CONECTAR UN DISCO DURO EXTERNO

PUEDE REPRODUCIR MÚSICA ALMACENADA EN UN DISCO DURO EXTERNO O GRABAR AUDIO EN EL DISCO DURO EXTERNO

Image: Gochanmi M10 Mixer Multifunctional USB Connection. This diagram illustrates how to connect the mixer to a computer as a sound card, pair with a mobile phone via Bluetooth, and connect a USB flash drive for music playback and audio recording.

- **USB to Computer (Sound Card Function):** Use a dual-head USB cable to connect the mixer to your computer. This allows for simultaneous power supply and data transfer, enabling the mixer to function as an external sound card for recording and playback.
- **Bluetooth with Mobile Phone:** Activate Bluetooth on your mobile phone and search for "BT-Speaker". Pair with the device. You can then play music from your phone through the mixer and apply equalization.
- **USB Flash Drive:** Insert a USB flash drive into the USB interface. The mixer can play music stored on the drive or record audio directly to it.

5. OPERATING INSTRUCTIONS

5.1 Channel Control

- **Gain Adjustment:** Use the GAIN knob to set the input level for each channel. Adjust until the signal is

strong but does not clip (peak LED should not light up constantly).

- **Equalization (EQ):** Each mono channel features a 3-band EQ (HI, MID, LOW) to shape the tone of your audio.

48DB ALTA GANANCIA

UN PREAMPLIFICADOR DE MICRÓFONO DISCRETO DE ULTRA BAJA INTERFERENCIA DE RUIDO.
COMPATIBLE CON CONECTORES DE 6.35 MM Y XLR





CONTROLA TU MUSICA



HI: AJUSTE DE AGUDOS

-15 +15



MID: CONTROL DE MEDIOS.

-15 +15



LOW: CONTROL DE GRAVES

-15 +15

Image: Gochanmi M10 Mixer EQ Controls. This image details the HI (treble), MID (mid-range), and LOW (bass) adjustment knobs for each channel, allowing precise tonal shaping of your audio.

- **Effect Send (FX1/FX2):** Use the FX knobs to send a portion of the channel's signal to the internal DSP effects processor.
- **Pan Control:** Adjust the PAN knob to position the channel's sound within the stereo field (left or right).
- **Mute:** Press the MUTE button to silence a channel.
- **Channel Volume:** Use the channel fader or knob to adjust the individual channel's volume.
- **Low Cut:** Engage the LOW CUT switch to filter out unwanted low frequencies (e.g., rumble from microphones).

5.2 DSP Effects

The M10 mixer includes dual 99 DSP effects for enhancing your audio.

AJUSTE DE REVERBERACION

2 CANALES DE EFECTO DSP PUEDEN USARSE DE FORMA INDEPENDIENTE



Image: Gochanmi M10 Mixer DSP Effects Adjustment. This image shows the digital display and controls for selecting and adjusting the 99 built-in DSP effects, which can be used independently on two channels.

- **Selecting Effects:** Use the DSP control knob and display to browse and select from the 99 available effects.
- **Adjusting Effects:** Once an effect is selected, use the dedicated controls to adjust its parameters (e.g., decay time for reverb, delay time for echo).
- **Applying Effects:** Use the FX send knobs on individual channels to send signal to the effects processor.

5.3 Main Output and Monitoring

- **Main Output:** Adjust the MAIN SOUND SIGNAL OUTPUT CONTROL to set the overall volume of the mixer's main stereo output.
- **Headphone Monitoring:** Use the MONITOR HEADPHONE VOLUME CONTROL to adjust the volume for your headphones. The PFL/AFL switch allows you to listen to individual channels or the main mix before or after the fader.

6. MAINTENANCE

- **Cleaning:** Regularly wipe the mixer's surface with a soft, dry, lint-free cloth. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the mixer in a clean, dry environment, away from extreme temperatures and direct sunlight.
- **Cable Management:** Ensure cables are not tangled or stressed, which can lead to damage.

7. TROUBLESHOOTING

- **No Sound Output:**
 - Check all cable connections (inputs, outputs, power).
 - Ensure the mixer is powered on.
 - Verify channel and main volume levels are up.
 - Check if any MUTE buttons are engaged.
 - If using phantom power, ensure it's activated for condenser microphones.
- **Distorted Sound:**
 - Reduce the GAIN on input channels to prevent clipping (peak LEDs should not be constantly red).
 - Lower the main output volume.
 - Check cables for damage.
- **Bluetooth Connection Issues:**
 - Ensure Bluetooth is enabled on both the mixer and your mobile device.
 - Make sure the mixer is in Bluetooth mode.
 - Unpair and re-pair the device.
 - Ensure no other devices are connected to the mixer via Bluetooth.
- **USB Recording/Playback Not Working:**
 - Ensure the USB flash drive is properly inserted and formatted (FAT32 recommended).
 - Check if the mixer is in the correct USB mode (playback or recording).
 - If connecting to a PC, ensure the correct audio driver is installed and selected in your computer's sound settings.

8. SPECIFICATIONS

Parameter	Value
Input Channels	10 (10 XLR & 6.5mm interfaces)
Line Input	10 individual mono plug interfaces

EQ (Mono Channel)	High: ±15dB, 12KHz; Mid: ±12dB, 2.5KHz; Low: ±15dB, 80Hz
EQ (Parametric)	HI: ±15dB / 10KHz; MID: ±15dB / 250Hz-6KHz; LOW: ±15dB / 60Hz
Built-in Stereo EQ	5-band
DSP Effects	99 types (24-bit dual engine)
Phantom Power	+48V (switchable per channel)
Frequency Response	20Hz-20kHz, ±3dB
Distortion (T.H.D)	0.003% (A-weighted)
Signal-to-Noise Ratio	-80dB
Max Output Level	20dBu
Connectivity	6.35mm, Bluetooth, USB, XLR
Output Connectors	Aux, RCA, USB, XLR
Dimensions (D x W x H)	45 x 30 x 10 cm
Weight	2 kg
Power Supply	AC18V, 1A (AC 230-240V 50-60Hz or 120V, 60Hz)

9. WARRANTY & SUPPORT

This product comes with a 30-day seller warranty. For any technical support or warranty claims, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

10. USAGE SCENARIOS

The Gochanmi M10 mixer is suitable for a wide range of applications:



Image: Gochanmi M10 Mixer Usage Scenarios. This image visually demonstrates the versatility of the M10 mixer, showing its application in concerts, speeches, meetings, various activities, church services, and classrooms.

- **Live Events:** Control vocals, music, and record performances with condenser microphones.
- **Home Studio:** Record and control multiple audio tracks.
- **Parties:** Control tracks, adjust volume, and mix audio.
- **Karaoke:** Apply vocal effects and control speaker volume.
- **Public Speaking:** Ideal for speeches, meetings, and presentations.
- **Educational Settings:** Suitable for classrooms and other educational activities.