

## Genérico NA4

# Genérico NA4 4-Channel Professional Audio Mixer User Manual

Model: NA4

## 1. INTRODUCTION

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The Genérico NA4 is a professional 4-channel audio mixer designed for a variety of applications including music production, podcasts, DJ performances, live streaming, and home recording. This analog mixer integrates a digital sound card, offering versatile connectivity options such as USB and Bluetooth, along with 48V phantom power for condenser microphones. It features 24 DSP effects, custom function settings, and a convenient console design to enhance your mixing experience.

Equipped with a high-speed ARM chip, the NA4 mixer ensures ultra-low background noise and high-fidelity sound quality, delivering clear and bright vocals. Its robust processing capabilities include variable sound, reverb, delay, and electric sound effects.

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## 2. SAFETY INFORMATION

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- Read all instructions carefully before operating the device.
  - Do not expose this device to rain or moisture to prevent fire or electric shock.
  - Ensure the power supply voltage matches the requirements specified on the device.
  - Do not open the casing. Refer all servicing to qualified personnel.
  - Keep the device away from heat sources such as radiators, heat registers, or other heat-producing appliances.
  - Use only attachments/accessories specified by the manufacturer.
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## 3. PRODUCT OVERVIEW

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Familiarize yourself with the various inputs, outputs, and controls of your NA4 mixer.

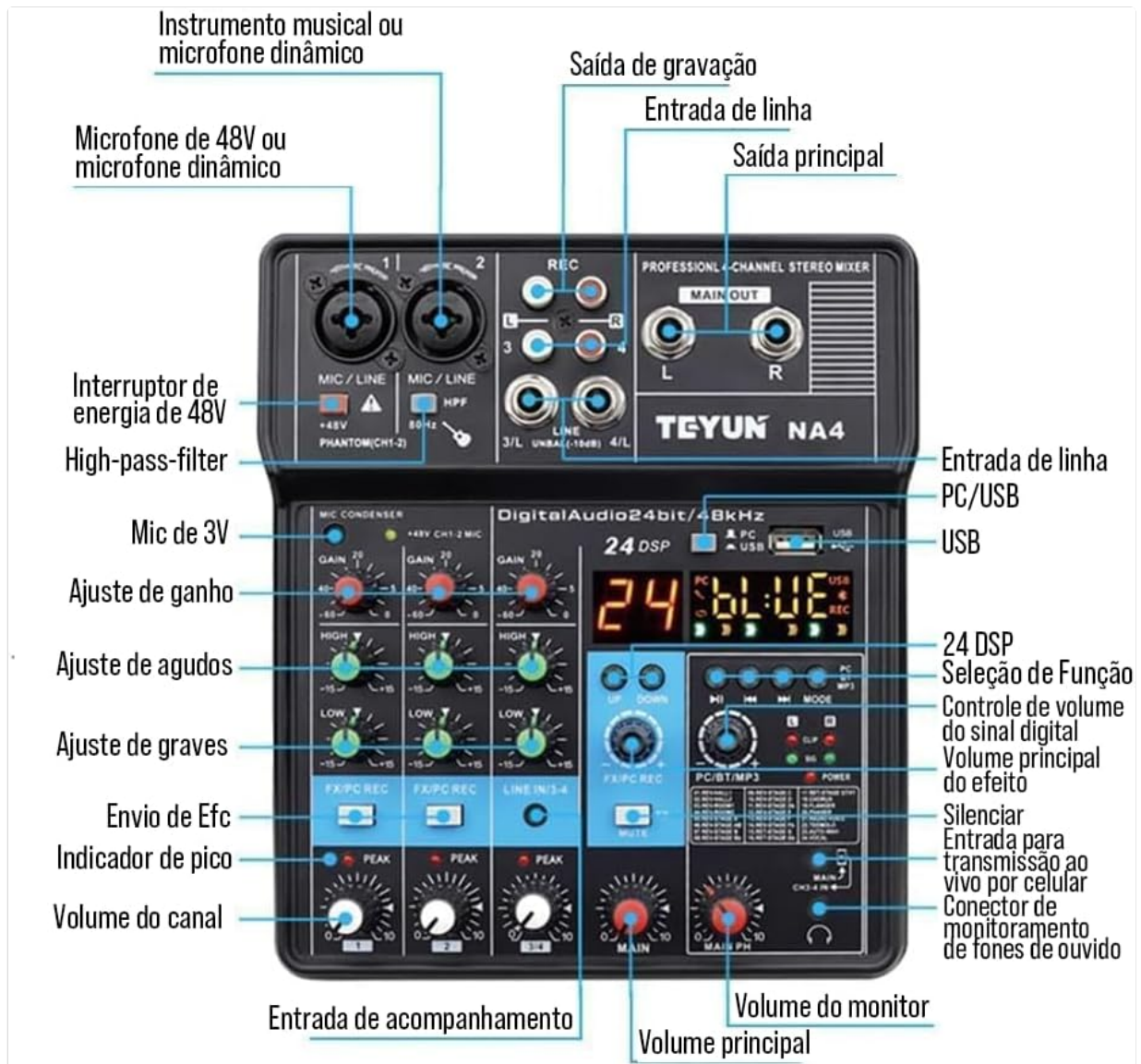


Figure 3.1: Front Panel Controls and Connections

### Key Controls and Ports:

- **MIC/LINE Inputs (Channels 1-2):** Combo jacks for musical instruments, dynamic microphones, or 48V phantom power microphones.
- **+48V PHANTOM (CH1-2) Switch:** Activates 48V phantom power for condenser microphones on channels 1 and 2.
- **HPF (High-Pass Filter):** Reduces low-frequency noise.
- **GAIN Adjustment:** Controls the input sensitivity for each channel.
- **HIGH/LOW Adjustments:** Treble and Bass equalization for each channel.
- **FX/PC REC:** Effect send and PC recording level.
- **PEAK Indicator:** Lights up when the input signal is too high, indicating potential clipping.
- **Channel Volume Knobs:** Adjust the output level for individual channels.
- **REC Output:** RCA outputs for recording.
- **LINE Input (3/L, 4/R):** RCA inputs for line-level devices.
- **MAIN OUT (L/R):** Main stereo output for connecting to amplifiers or powered speakers.
- **PC/USB Input:** Connects to a computer for audio interface functions or USB playback.
- **24 DSP:** Digital Signal Processor with 24 built-in effects.

- **Function Selection Buttons (UP/DOWN/MODE):** Navigate and select DSP effects and input modes.
- **Digital Signal Volume Control:** Adjusts the volume of digital inputs (USB, Bluetooth).
- **MAIN FX Volume:** Controls the overall level of the effects sent to the main mix.
- **MUTE Button:** Mutes the main output.
- **Mobile Live Stream Input:** Connects to a mobile phone for live streaming.
- **Headphone Monitoring Connector:** 3.5mm jack for headphone monitoring.
- **Monitor Volume:** Adjusts the headphone monitoring level.
- **MAIN Volume:** Controls the overall main output level.
- **Accompaniment Input:** Input for external accompaniment audio.

## 4. SETUP

### 4.1 Power Connection

The NA4 mixer is powered via USB, offering flexibility with various power sources.



Figure 4.1: USB Power Supply Options

Connect the mixer to a power source using the provided USB cable. You can use a power bank, a standard USB power adapter (DC 5V), or a computer's USB port.

## 4.2 Connecting Audio Devices

The NA4 mixer offers broad compatibility with various audio devices.



Figure 4.2: Device Compatibility

- **Microphones:** Connect dynamic microphones or 48V condenser microphones to the MIC/LINE inputs (Channels 1-2). Activate the +48V PHANTOM switch for condenser microphones.
- **Instruments:** Connect musical instruments like guitars or synthesizers to the MIC/LINE inputs or LINE inputs (3/L, 4/R).
- **External Audio Sources:** Connect CD players, media players, or other line-level devices to the LINE inputs (3/L, 4/R).
- **Computer:** Use the PC/USB port to connect the mixer to your computer for digital audio input/output and recording.
- **Mobile Devices:** Connect your mobile phone to the dedicated live stream input for broadcasting.
- **Output Devices:** Connect the MAIN OUT (L/R) to your amplifier, powered speakers, or recording interface. Use the Headphone Monitoring Connector for personal monitoring.

## 5. OPERATING INSTRUCTIONS

## 5.1 Basic Operation

1. **Power On:** Connect the mixer to a power source. The power indicator will light up.
2. **Input Level Adjustment:** For each connected channel, adjust the GAIN knob to achieve an optimal input level. The PEAK indicator should flash only occasionally, not constantly.
3. **Equalization:** Use the HIGH and LOW knobs to adjust the treble and bass frequencies for each channel to shape your sound.
4. **Channel Volume:** Adjust the individual channel volume knobs to balance the levels of all inputs.
5. **Main Output Volume:** Use the MAIN volume knob to control the overall output level of the mixer.

## 5.2 Bluetooth Connection

The NA4 mixer supports wireless Bluetooth connectivity for audio playback from mobile devices.



Figure 5.1: Bluetooth Pairing

1. Press the MODE button on the mixer's digital display panel until 'BLUE' appears, indicating Bluetooth mode.
2. On your electronic device (smartphone, tablet), enable Bluetooth and search for available devices.
3. Select the mixer (usually named 'NA4' or similar) from the list to pair.
4. Once connected, you can play audio from your device through the mixer. Adjust the digital signal volume control for Bluetooth playback.

## 5.3 USB Playback and Recording

- **USB Playback:** Insert a USB 2.0 compatible audio device into the USB port. The mixer supports lossless audio playback. Use the function selection buttons to navigate and play tracks.
- **Computer Connectivity:** Connect the mixer to your PC via the PC/USB port. The mixer will function as a digital sound card, allowing you to record audio directly to your computer or play audio from your computer through the mixer. The flexible LOOPBACK function is ideal for recording and webcasting.

## 5.4 DSP Effects

The NA4 mixer includes 24 Digital Signal Processor (DSP) effects to enhance your audio.

- Use the UP/DOWN buttons to cycle through the 24 available DSP effects.
- Adjust the FX/PC REC knob on each channel to send the desired amount of signal to the effects processor.
- Control the overall volume of the effects using the MAIN FX Volume knob.

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## 6. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the mixer's surface. Do not use liquid cleaners or aerosols.
- **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 mixer to prevent overheating.

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## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No power	Power cable not connected; faulty power source.	Check power cable connection; try a different USB power source.
No sound output	Main volume too low; output cables disconnected; incorrect input selection.	Increase MAIN volume; check all output cable connections; ensure correct input mode is selected.
Distorted sound	Input GAIN too high; output volume too high.	Reduce GAIN for the affected channel; lower MAIN volume. Ensure PEAK indicators are not constantly lit.
Bluetooth not connecting	Mixer not in Bluetooth mode; device too far; interference.	Ensure mixer is in 'BLUE' mode; bring device closer; restart both devices.
Phantom power not working	+48V switch not activated.	Ensure the +48V PHANTOM switch is engaged for channels 1-2.

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## 8. SPECIFICATIONS

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- **Brand:** Genérico
  - **Model:** NA4
  - **Number of Channels:** 4
  - **Connectivity Technology:** USB, Bluetooth
  - **Audio Input:** USB, Bluetooth, Microphone (XLR with 48V support)
  - **DSP Effects:** 24 built-in effects
  - **Power Supply:** DC 5V via USB
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## 9. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

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