

**GEOYEAO HD-059SAT2-P**

# GEOYEAO TV Sound Bar Instruction Manual

Model: **HD-059SAT2-P** | Brand: **GEOYEAO**

TV Sound Bar, Bluetooth Soundbar with Dolby Digital Surround Audio System

## 1. INTRODUCTION

The GEOYEAO TV Sound Bar is designed to enhance your audio experience with powerful and clear sound. Featuring Dolby Digital support, it delivers an immersive soundstage for movies, music, and games. Its compact design makes it suitable for various room sizes, including home offices and gaming setups.

This manual provides detailed instructions for setting up, operating, and maintaining your sound bar to ensure optimal performance and longevity.



Figure 1: GEOYEAO TV Sound Bar and Remote Control

## 2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- Soundbar
- HDMI Cable
- Optical Cable
- Aux Cable
- Power Adapter
- Remote Control

## 3. SETUP GUIDE

Setting up your GEOYEAO Sound Bar is a straightforward process. Follow these steps to connect it to your television or other devices.

### 3.1. Connecting to Your TV (HDMI ARC Recommended)

For the best audio quality and seamless control, connecting via HDMI ARC (Audio Return Channel) is recommended. This allows your TV to send audio to the sound bar and often enables control of the sound bar's volume using your TV remote.

1. Locate the HDMI ARC port on your TV. It is usually labeled "HDMI ARC" or "HDMI eARC".

2. Connect one end of the provided HDMI cable to the HDMI ARC port on your TV.
3. Connect the other end of the HDMI cable to the HDMI (ARC) input on your sound bar.
4. Connect the power adapter to the sound bar and plug it into a power outlet.
5. Turn on both your TV and the sound bar.

## TV Connection Operation Guide

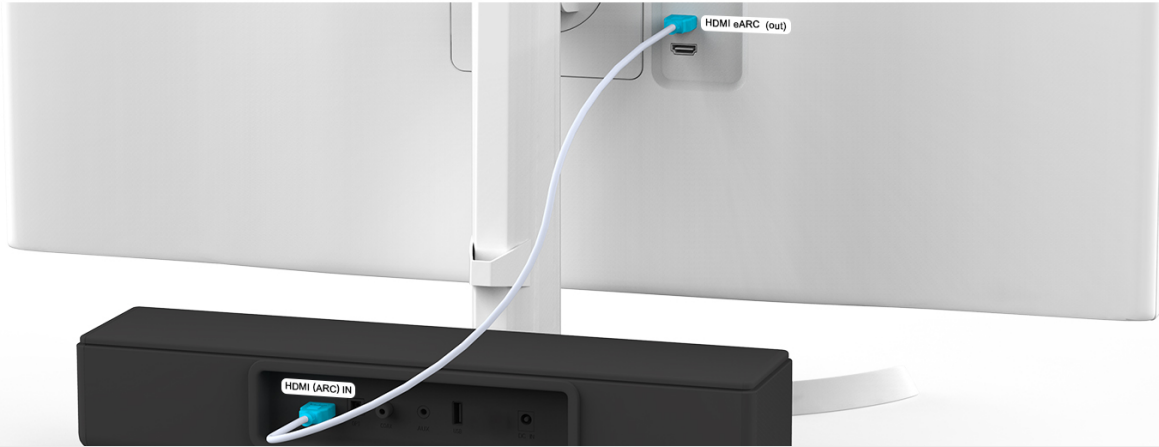


Figure 2: HDMI ARC Connection

### 3.2. Alternative Connections

The sound bar also supports other wired and wireless connections:

- **Optical Connection:** Use the optical cable to connect the sound bar's OPTICAL input to your TV's optical output. This provides a high-fidelity digital signal.
- **AUX Connection:** Use the 3.5mm AUX cable to connect the sound bar's AUX input to your device's audio output. Note that analog signals may have distortion or background noise.
- **Coaxial Connection:** Connect a coaxial cable (not included) from your TV's coaxial output to the sound bar's COAXIAL input for another digital audio option.
- **Bluetooth 5.3:** For wireless streaming from smartphones, tablets, or other Bluetooth-enabled devices.



Figure 3: Multiple Connectivity Options

### 3.3. TV Sound Settings Optimization

To ensure your sound bar receives the best possible audio signal, adjust your TV's audio output settings. These settings can vary by TV brand, but generally involve:

- Set Audio Output to "Dolby Digital" for 5.1 surround sound content.
- Switch to "PCM" for stereo content (music, older content) to prevent audio issues.
- Enable "Passthrough Mode" for pure, unprocessed audio, if available.

*Refer to your TV's user manual for specific menu navigation (e.g., TV Menu > Sound > Audio Output > Advanced Settings).*



Optimize Your Soundbar's Performance: 3 Must-Do TV Audio Settings

- 1. Set Audio Output to "Dolby Digital" (For 5.1 Surround Sound)
  - **Why?** Ensures perfect compatibility with our soundbar (supports Dolby Digital but not DTS)
  - **What it does:** Delivers true cinematic surround sound from movies and streaming content
  - **How:** TV Settings > Sound > Digital Audio Out > Select "Dolby Digital"
- 2. Switch to "PCM" for Stereo Content (For Music & Older Content)
  - **Why?** Prevents audio issues with non-5.1 content like music or classic shows
  - **What it does:** Provides clean, uncompressed stereo sound without processing artifacts
  - **How:** TV Settings > Sound > Digital Audio Out > Select "PCM"
- 3. Enable "Passthrough Mode" (For Pure, Unprocessed Audio)
  - **Why?** Bypasses TV processing that can degrade sound quality
  - **What it does:** Sends audio directly to your soundbar exactly as intended
  - **How:** Look for "Passthrough" or "Bitstream" in TV audio settings

Pro Tip: These settings are typically found under:  
✓ TV Menu > Sound > Audio Output > Advanced Settings

Note: Exact menu names vary by TV brand (Samsung, LG, Sony, etc.) but all modern TVs have these options.

Optimal Soundbar Audio Settings for TV Compatibility

- 🔧 **Golden Rule for Maximum Compatibility:**
- 1. If your TV has "Dolby Digital" option → Set this as priority
    - ✓ Best for movies/TV shows (supports 5.1 surround)
    - ✓ Automatically handles PCM stereo content
    - ⚠️ Verify content supports Dolby (e.g. Netflix/Blu-ray)
  - 2. If no Dolby option → Force "PCM"
    - ✓ 100% compatibility (works with all content)
    - ✓ Eliminates audio decoding issues
    - ✗ Only stereo sound (no surround effects)
  - "PCM" (for guaranteed sound)
  - "Dolby Digital" (for movies if supported)

When to Use Other Settings:

If You Want...	Then Set To...	Best For...
Guaranteed no errors	PCM Only	Music/podcasts
Best movie experience	Dolby Digital + Passthrough	Netflix/Blu-ray

Figure 4: Optimizing TV Audio Settings

4. OPERATING YOUR SOUND BAR

Your sound bar can be controlled using the included remote control or the buttons on the unit itself.

4.1. Remote Control Functions

The remote control provides full command over your sound bar's features:

- **Power Button:** Turns the sound bar on or off.
- **Mute Button:** Mutes or unmutes the sound.
- **Mode Button:** Switches between input sources (HDMI, Optical, AUX, Bluetooth).
- **VOL+/VOL-:** Adjusts the main volume level.
- **Play/Pause, Next/Previous Track:** Controls media playback in Bluetooth mode.
- **Treble+/Treble-:** Adjusts the treble level.
- **Bass+/Bass-:** Adjusts the bass level.
- **3D Button:** Activates or deactivates 3D surround sound mode.

# Customize your soundbar with button and remote control



Figure 5: Remote Control Layout

## 4.2. On-Device Controls

For quick adjustments, the sound bar features intuitive buttons on its side:

- **Power/Mode Button:** Short press to switch modes, long press to power on/off.
- **Next Song/Vol+:** Short press for next song (Bluetooth), long press for volume up.
- **Pause:** Pauses playback (Bluetooth).
- **Previous Song/Vol-:** Short press for previous song (Bluetooth), long press for volume down.

## 4.3. Equalizer Modes (EQ Modes)

The sound bar offers three distinct EQ modes to optimize audio for different content types:

- **Music Mode:** Bass-boosted for a richer musical experience.
- **Movie Mode:** Immersive 3D surround sound for enhanced cinematic drama.
- **News Mode:** Dialogue-clear, optimized for spoken content.

Switch between these modes using the remote control to match your preferred sound profile.

## 3 Different Equalizer Modes

You can tune your sound bar to 3 different modes via the remote control to match your favorite sound.



Figure 6: Equalizer Modes

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your sound bar.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the sound bar. Do not use liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Ventilation:** Ensure the sound bar is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Storage:** If storing the sound bar for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Diaphragm Care:** The unique unobstructed diaphragm design helps reduce dust accumulation. Avoid poking or applying pressure to the speaker grilles.

## 6. TROUBLESHOOTING

If you encounter issues with your sound bar, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound	Sound bar not powered on; incorrect input selected; TV audio settings incorrect; cables loose.	Ensure sound bar is powered on and volume is up. Press the "Mode" button on the remote or sound bar to select the correct input source (e.g., HDMI, Optical, AUX). Check your TV's audio output settings (refer to Section 3.3). Verify all cables are securely connected.
Distorted Sound	Volume too high; incorrect audio format; poor cable connection.	Reduce the volume on both the sound bar and your TV. Ensure your TV's audio output is set to "Dolby Digital" or "PCM" as appropriate (Section 3.3). Check cable connections for damage or looseness.
Bluetooth Pairing Issues	Device too far; sound bar not in pairing mode; interference.	Ensure the sound bar is in Bluetooth mode. Place your Bluetooth device within 10 meters (33 feet) of the sound bar. Forget the sound bar from your device's Bluetooth list and try pairing again. Minimize interference from other wireless devices.
Remote Control Not Working	Dead batteries; obstruction; remote not pointed correctly.	Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the sound bar. Point the remote directly at the sound bar's sensor.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	HD-059SAT2-P
Brand	GEOYEAO
Mounting Type	Wall Mount
Speaker Type	Soundbar
Special Feature	Dolby Digital
Recommended Uses	For Televisions
Compatible Devices	Gaming Console, Laptop, Projector, Smartphone, Television
Surround Sound Channel Configuration	2.0



Feature	Detail
Color	Black
Product Dimensions	3.6"D x 15.74"W x 2.63"H
Item Weight	3.89 pounds
Wireless Communication Technology	Bluetooth
Speaker Size	2.25 Inches
Power Source	Corded Electric
Audio Encoding	Dolby Digital 2.0
Bluetooth Range	10 Millimeters (approx. 33 feet)
Connectivity Protocol	Bluetooth, AUX, Optical, HDMI
Speaker Maximum Output Power	40 Watts
Frequency Response	50Hz – 20kHz (from feature bullets)
Signal-to-Noise Ratio	≥70dB (from image)
Distortion Rate (THD)	≤10% (from image)

Note: Some specifications derived from product images and feature bullets.

## 8. WARRANTY AND SUPPORT

Your GEOYEAO Sound Bar comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact GEOYEAO customer service through their official website or the retailer where you purchased the product.

You can often find more information and support resources on the [GEOYEAO Store on Amazon](#).