

Technical Pro KTRX4WR1928

Technical Pro Home Theater System User Manual

Model: KTRX4WR1928

Brand: Technical Pro

1. INTRODUCTION

This user manual provides detailed instructions for the setup, operation, and maintenance of your Technical Pro 4 Channel 1600 Watts 8 Speaker Bluetooth Home Theater Receiver System. This comprehensive kit includes a powerful 4-channel receiver and eight 5.25-inch in-ceiling/in-wall speakers, designed to deliver high-fidelity audio for an immersive home theater experience. Please read this manual thoroughly before using the product to ensure proper installation and optimal performance.



Figure 1.1: Technical Pro Home Theater System components, including the receiver and eight 5.25-inch ceiling speakers.

2. KEY FEATURES

- **1600 Watts Peak Power:** The stereo Bluetooth receiver delivers 1600 watts max power with 120W RMS for high-quality amplified audio, suitable for home theater and karaoke systems.
- **Bluetooth Connectivity:** Features Bluetooth with a 30 ft wireless range, compatible with smartphones, tablets, iPhones, and laptops for hassle-free pairing.
- **EQ Controls:** Equipped with crisp buttons for audio sources and selectors, and rotary knobs for equalization and master volume adjustments. Blue LED illuminated buttons and knobs enhance visibility.
- **2-Way Mount Speakers:** Includes four pairs of 5.25-inch high-performance in-ceiling stereo sound speakers, offering both in-wall or in-ceiling flush mount installation options. Convenient speaker terminals ensure quick and easy wire connection.
- **Flush Mount Design:** The midbass stereo sound speakers feature a flush mount design for simple in-wall/in-ceiling

installation. Each speaker includes a 1-inch high-temperature voice coil for powerful, rich sound.

- **4-Channel Output:** The receiver supports a 4-channel surround sound configuration.
- **Multiple Inputs:** RCA, USB, SD Card, and AUX inputs are available. Note: For HDMI device compatibility, an RCA to HDMI adapter (not included) is required.
- **Dual 1/4" Mic Inputs:** For karaoke or public address applications.
- **Headphone Jack:** Dedicated headphone output with volume control.

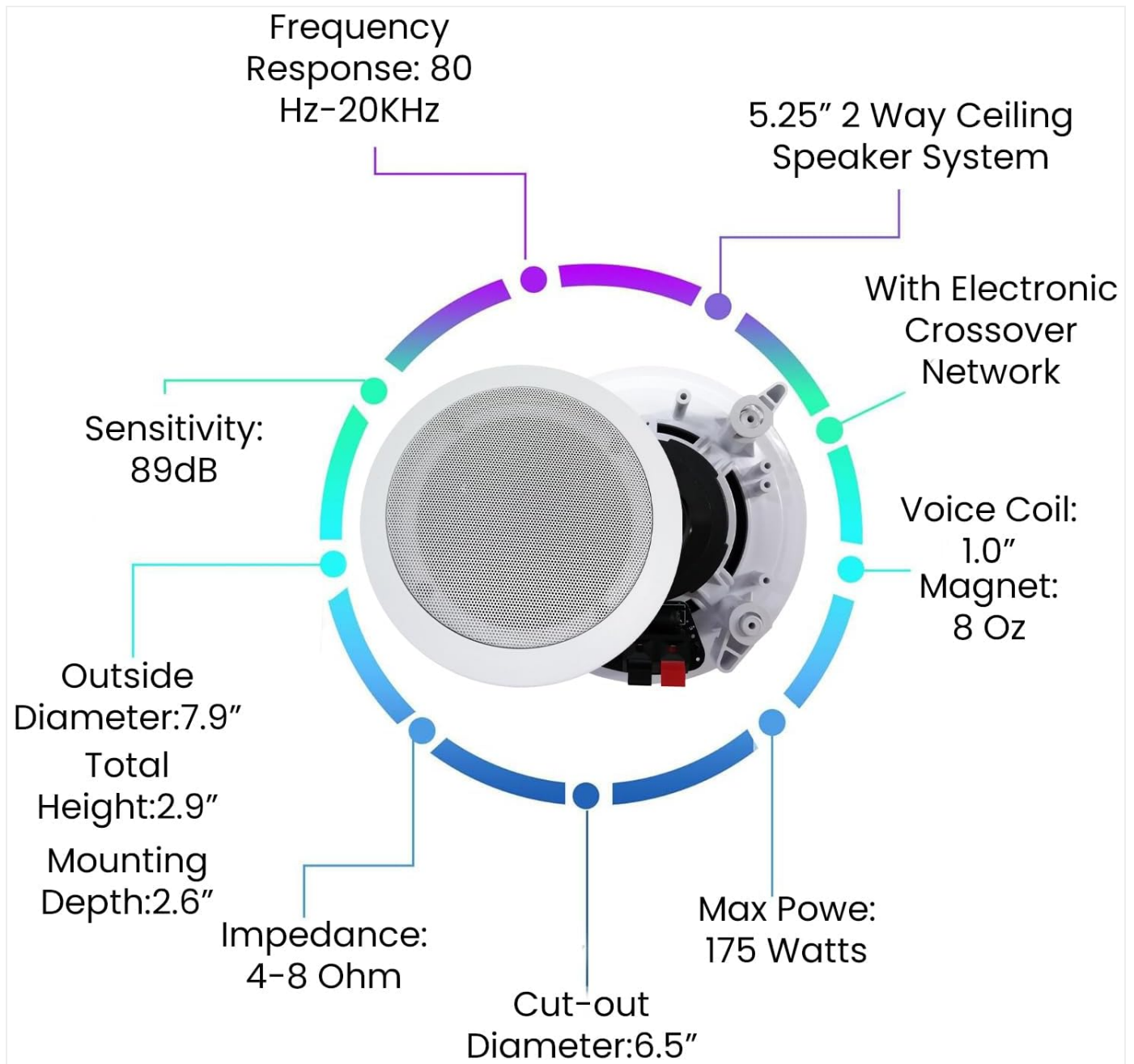


Figure 2.1: Overview of the receiver's key features, including 4 channels, 1600 watts peak power, various inputs, and microphone controls.

3. WHAT'S IN THE BOX

Upon opening the package, please verify that all the following components are included:

- 1 x Technical Pro 4 Channel Bluetooth Home Theater Receiver
- 8 x Technical Pro 5.25-inch In-Ceiling/In-Wall Speakers (4 pairs)
- Power Cord
- User Manual (this document)

4. SETUP INSTRUCTIONS

4.1 Receiver Placement and Connections

Place the receiver on a stable, flat surface with adequate ventilation. Ensure it is away from direct sunlight, heat sources, and moisture. The receiver dimensions are approximately 7.87"W x 5.25"H x 2.95"D.



Figure 4.1: Front and rear dimensions of the receiver, showing various ports and controls.

Connecting Audio Sources:

- **RCA Inputs:** Connect external audio devices (e.g., DVD player, CD player) to the RCA input jacks on the rear panel.
- **USB/SD Card:** Insert a USB drive or SD card into the respective slots on the front panel for media playback.
- **AUX Input:** Use the 3.5mm AUX input on the front panel for portable devices.
- **Bluetooth:** Refer to Section 5.2 for Bluetooth pairing instructions.
- **HDMI Compatibility:** While the receiver has RCA ports, you can connect to HDMI devices using an RCA to HDMI adapter (not included).

4.2 Speaker Installation

The 5.25-inch speakers are designed for flush mounting in ceilings or walls. Each speaker has an overall size of 7.9 inches, a woofer size of 5.25 inches, a total height of 2.9 inches, and a mounting depth of 2.6 inches. The cut-out diameter required for installation is 6.5 inches.

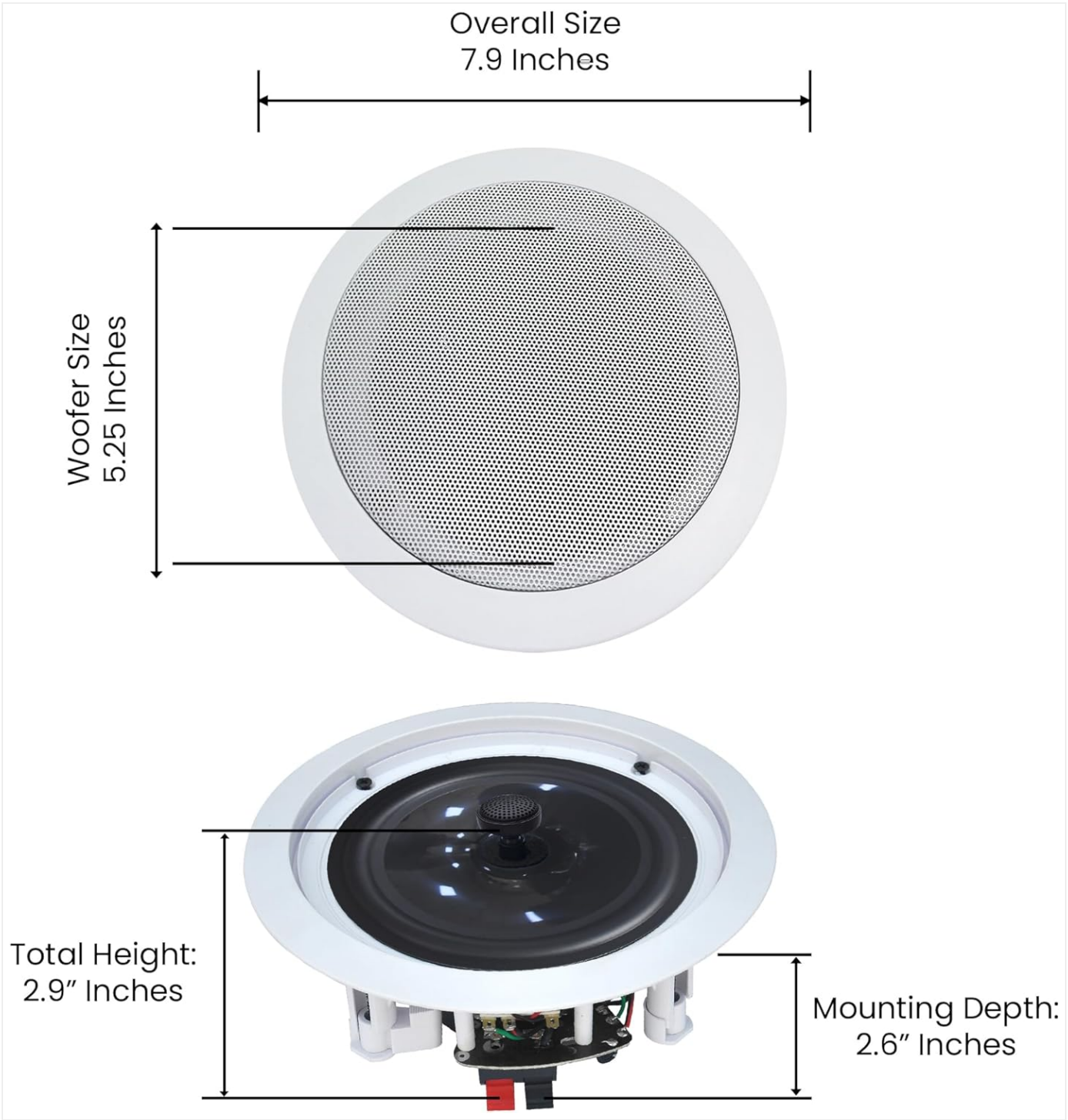


Figure 4.2: Detailed dimensions of the 5.25-inch in-ceiling speaker, including overall size, woofer size, total height, and mounting depth.



Figure 4.3: Technical specifications of the 5.25-inch speaker, including frequency response, sensitivity, impedance, and maximum power.

1. **Prepare the Opening:** Carefully cut a circular opening in your ceiling or wall with a diameter of 6.5 inches. Ensure there are no obstructions behind the mounting area.
2. **Connect Speaker Wires:** Connect the speaker wires from the receiver to the speaker terminals on the back of each speaker. Ensure correct polarity (+ to + and - to -). The speakers feature convenient terminals for quick connection.
3. **Insert Speaker:** Gently insert the speaker into the prepared opening. The locking tabs on the speaker frame will secure it in place.
4. **Secure Speaker:** Tighten the screws on the front of the speaker (if applicable) to engage the locking tabs and firmly secure the speaker to the ceiling/wall.

High-Fidelity Stereo Sound

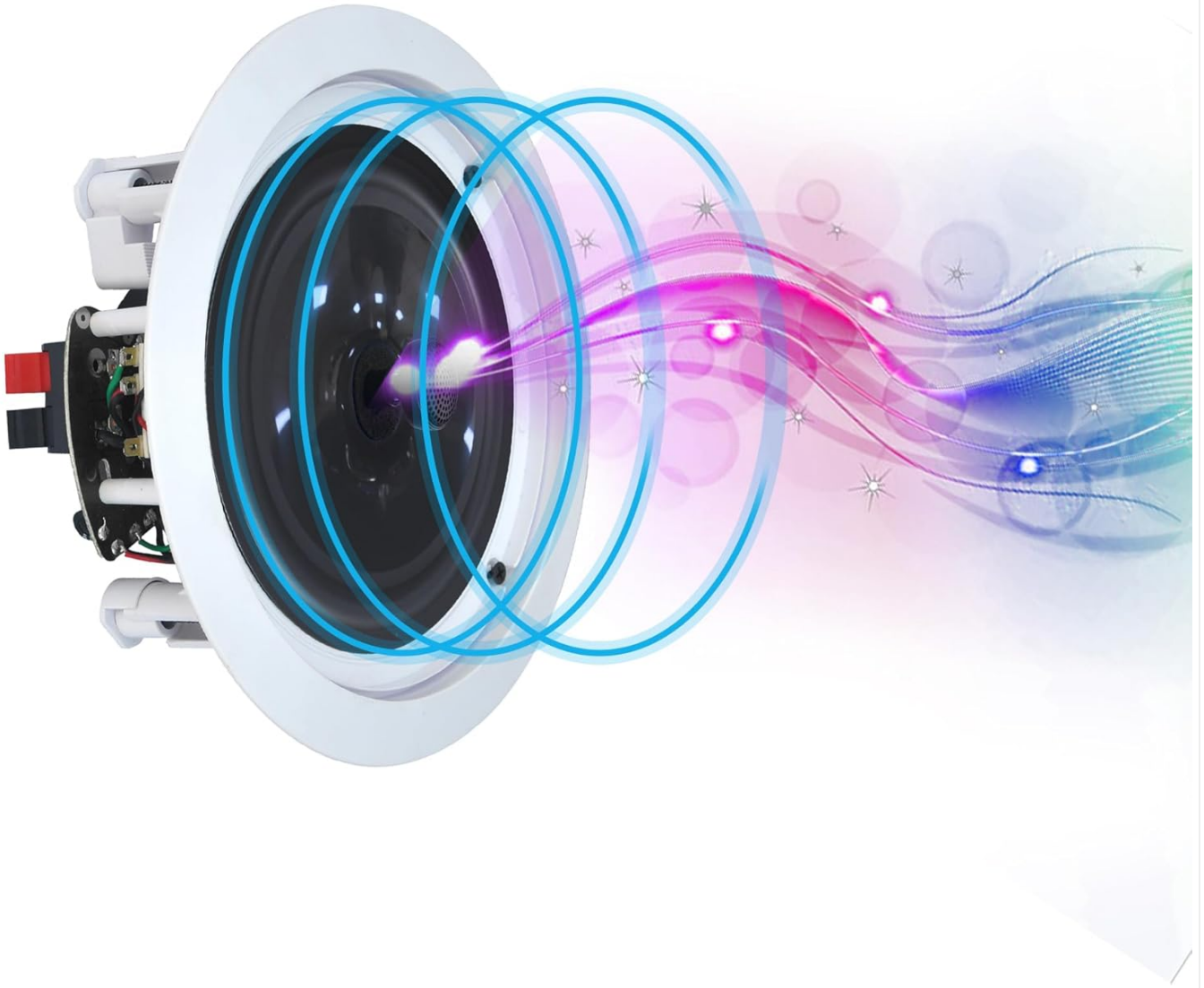


Figure 4.4: Exploded view of the speaker showing locking tabs and speaker terminals for easy installation.



Easy To Install

Figure 4.5: Illustration of the easy installation process for the in-ceiling speakers.

4.3 Power Connection

Once all audio and speaker connections are made, connect the receiver's power cord to a standard electrical outlet. Ensure the power switch on the receiver is in the OFF position before plugging it in.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

1. **Power On/Off:** Press the Power button on the front panel to turn the receiver on or off.
2. **Input Selection:** Use the Input selector buttons (e.g., USB, SD, AUX, Bluetooth, RCA) to choose your desired audio source.
3. **Volume Control:** Adjust the Master Volume knob to control the overall sound level. Individual channel volume knobs (CH.A, CH.B, CH.C, CH.D) allow for fine-tuning of each speaker zone.
4. **EQ Adjustments:** Use the Treble and Bass rotary knobs to adjust the high and low frequencies of the audio output.

5. Microphone Controls:

- Connect microphones to the MIC1 or MIC2 1/4" inputs.
- Adjust MIC VOL for microphone volume.
- Use ECHO and DELAY knobs to add effects to microphone audio.
- Activate the MIC PRIORITY switch to automatically lower music volume when microphone is in use.

6. **Headphone Use:** Plug headphones into the Headphone jack. Use the dedicated Headphone Volume knob to adjust the headphone output level.

5.2 Bluetooth Connectivity

To connect your device via Bluetooth:

1. Ensure the receiver is powered on and select "Bluetooth" as the input source. The Bluetooth indicator on the receiver will blink, indicating it is in pairing mode.
2. On your smartphone, tablet, or other Bluetooth-enabled device, go to the Bluetooth settings.
3. Search for available devices. You should see "Technical Pro" or a similar name appear in the list.
4. Select the receiver from the list to pair. Once paired, the Bluetooth indicator on the receiver will become solid.
5. You can now play audio from your device through the home theater system. The wireless range is approximately 30 feet.



Figure 5.1: The system supports wireless control via Bluetooth, allowing seamless audio streaming from compatible devices.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your home theater system.

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the receiver and speakers. Do not use liquid cleaners or aerosols, as they may damage the finish or internal components.
- **Ventilation:** Ensure the receiver's ventilation openings are not blocked. Adequate airflow prevents overheating.
- **Speaker Grilles:** The speaker grilles can be gently wiped clean. Avoid pressing hard on the grille to prevent damage to the speaker cone.
- **Power Off When Not in Use:** For extended periods of non-use, it is recommended to power off the receiver and unplug it from the wall outlet.

7. TROUBLESHOOTING

If you encounter issues with your system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to receiver	Power cord not connected; Power outlet faulty; Power switch off	Ensure power cord is securely plugged into receiver and outlet. Test outlet with another device. Turn power switch to ON.
No sound from speakers	Incorrect input selected; Volume too low; Speaker wires loose or incorrectly connected; Mute function active	Select correct input source. Increase Master Volume and individual channel volumes. Check all speaker wire connections for proper polarity and secure fit. Ensure mute is off.
Bluetooth pairing failed	Receiver not in pairing mode; Device too far; Interference; Device already paired with another unit	Ensure receiver input is set to Bluetooth and indicator is blinking. Move device closer to receiver (within 30 ft). Turn off other Bluetooth devices. Forget previous pairings on your device and try again.
Distorted sound	Volume too high; Incorrect EQ settings; Poor audio source quality; Loose speaker connections	Lower volume. Adjust Treble and Bass settings. Test with a different audio source. Check speaker wire connections.

8. SPECIFICATIONS

8.1 Receiver Specifications

Feature	Specification
Output Wattage	1600 Watts (Peak) / 120W RMS
Surround Sound Channel Configuration	4 Channel
Connectivity Technology	Bluetooth
Bluetooth Range	30 Feet (approx. 9.14 meters)
Inputs	RCA, USB, SD Card, AUX, Dual 1/4" Mic
Control Method	Touch (buttons and knobs)
Product Dimensions (D x W x H)	2.95"D x 7.87"W x 5.25"H
Item Weight	26.5 pounds (total kit)
Model Number	KTRX4WR1928
UPC	639939935468

8.2 Speaker Specifications

Feature	Specification
Speaker Type	In-Ceiling / In-Wall, 2-Way Mid Bass Woofer
Speaker Size	5.25 Inches

Feature	Specification
Woofer Diameter	5.25 Inches
Overall Size	7.9 Inches
Total Height	2.9 Inches
Mounting Depth	2.6 Inches
Cut-out Diameter	6.5 Inches
Frequency Response	80 Hz - 20 KHz
Sensitivity	89dB
Impedance	4-8 Ohm
Max Power (per speaker)	175 Watts
Voice Coil	1.0 Inch High Temperature
Magnet	8 Oz
Construction	Polypropylene Cone with Rubber Edge, High Compliance Polymer Tweeter, ABS Construction

9. WARRANTY AND SUPPORT

9.1 Product Warranty

This Technical Pro Home Theater System comes with a Limited Warranty. For specific details regarding the warranty period and coverage, please refer to the warranty card included with your product or contact Technical Pro customer support.

9.2 Extended Protection Plans

Extended protection plans may be available for purchase to provide additional coverage beyond the standard manufacturer's warranty. These plans typically offer:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly plan covering eligible past and future purchases)

For more information on these plans, please consult the retailer where you purchased the product.

9.3 Customer Support


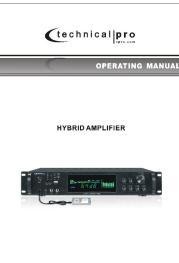

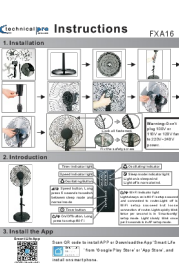
For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Technical Pro customer support. Visit the official Technical Pro website for contact information and additional resources.

Manufacturer: Technical pro

For more information, visit the [Technical Pro Store on Amazon](#).



Related Documents

 The image shows the product page for the Technical Pro H4502HD. It features a black digital hybrid amplifier with a digital display and various input buttons. The page includes the product name, a list of features, and technical specifications.	<p>Technical Pro H4502HD Digital Hybrid Amplifier/Preamp/Tuner with USB, SD, Bluetooth</p> <p>Detailed specifications and features of the Technical Pro H4502HD, a 4500-watt peak power digital hybrid amplifier, preamp, and tuner with USB, SD card, and Bluetooth connectivity.</p>
 The image shows the cover of the Technical Pro Hybrid Amplifier Operating Manual. It features a black hybrid amplifier with a digital display and various input buttons. The cover includes the product name and a list of features.	<p>Technical Pro Hybrid Amplifier Operating Manual</p> <p>Comprehensive operating manual for the Technical Pro Hybrid Amplifier (models HB1502U, HB2502U, HB3502U), detailing features, safety precautions, front and rear panel controls, remote functions, and connection guidance.</p>
 The image shows the product page for the Technical Pro POWER60 2U Professional 2CH Power Amplifier. It features a black power amplifier with a digital display and various input buttons. The page includes the product name, a list of features, and technical specifications.	<p>Technical Pro POWER60 2U Professional 2CH Power Amplifier - Specifications & Overview</p> <p>Detailed overview and specifications for the Technical Pro POWER60 2U Professional 2CH Power Amplifier, featuring 6000 watts peak power, XLR/1/4"/RCA inputs, and robust construction.</p>
 The image shows the product page for the Technical Pro FXA16 Smart Fan. It features a black smart fan with a digital display and various input buttons. The page includes the product name, a list of features, and technical specifications.	<p>Technical Pro FXA16 Smart Fan User Manual and Instructions</p> <p>Comprehensive guide for the Technical Pro FXA16 Smart Fan, covering installation, app setup with Smart Life, voice control via Alexa and Google Assistant, and troubleshooting.</p>