

## Technical Pro RX113BT

# Technical Pro RX113BT Professional Bluetooth Receiver User Manual

Model: RX113BT

## 1. INTRODUCTION

This manual provides comprehensive instructions for the Technical Pro RX113BT Professional Bluetooth Receiver. This unit is designed to deliver a powerful audio experience with its 1500 watts peak power output, integrated Bluetooth connectivity, 5.1 channel home theater support, built-in equalizer, dual microphone inputs, and FM radio functionality. Please read this manual thoroughly before operating the device to ensure proper setup and optimal performance.

## 2. SAFETY INSTRUCTIONS

- **Power Source:** Connect the unit only to the specified AC voltage indicated on the rear panel.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. Maintain a minimum distance of 4 inches (10 cm) from walls or other objects.
- **Moisture:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat:** Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth for cleaning.

## 3. PACKAGE CONTENTS

Verify that the following items are included in your package:

- Technical Pro RX113BT Professional Bluetooth Receiver
- Remote Control
- FM Antenna

## 4. PRODUCT OVERVIEW

### 4.1 Front Panel

The front panel provides access to all primary controls and indicators for the receiver, including input selection, volume, equalization, and microphone adjustments.

## PROFESSIONAL 1500 WATTS POWER BLUETOOTH RECEIVER



FRONT-PANEL



BACK - PANEL

Image showing the front panel of the Technical Pro RX113BT receiver, highlighting the various controls and display.

- **Power Button:** Turns the unit on or off.
- **Microphone Inputs (MIC1, MIC2):** Connect microphones.
- **Microphone Volume (MIC VOL):** Adjusts the volume of connected microphones.
- **Echo Control:** Adjusts the echo effect for microphones.
- **Equalizer Sliders:** Adjust specific frequency bands for audio output.
- **Digital Fluorescent Display:** Shows current status, input, and FM frequency.
- **Input Selectors (TUNER, AUX, MP3, DVD):** Select the desired audio source.
- **Microphone Bass/Treble:** Adjusts bass and treble for microphone audio.

- **Master Volume:** Controls the overall output volume.

## 4.2 Rear Panel

The rear panel contains all the necessary connections for speakers, audio input sources, and power.



Dimensions (L x W x H):  
19" x 13.5" x 5.1"

Image showing the rear panel of the Technical Pro RX113BT receiver, detailing the audio input/output ports, speaker terminals, and power connection.

- **FM Antenna Input:** Connect the supplied FM antenna for radio reception.
- **Audio Inputs (TUNER, AUX, MP3, DVD):** RCA jacks for connecting external audio sources.
- **REC OUT:** RCA output for connecting to a recording device.
- **Speaker Outputs:** Banana binding posts for main speakers and push-button terminals for surround sound speakers.
- **Voltage Selector:** Switch to select between 110V and 220V power (ensure correct setting for your region).
- **AC Power Input:** Connect the power cord.

## 5. SETUP

## 5.1 Speaker Connection

The RX113BT supports a 5.1 channel speaker configuration. Connect your main left/right speakers using the banana binding posts and your center/surround speakers using the push-button terminals. Ensure correct polarity (+ to + and - to -) for all connections.

- **Main Speakers:** Use banana plugs or bare wire for the L/R speaker terminals.
- **Center/Surround Speakers:** Use bare wire for the push-button terminals.
- **Subwoofer:** Connect a powered subwoofer to the dedicated subwoofer output (if available, or via RCA line out).

## 5.2 Audio Source Connection

Connect your audio devices to the corresponding RCA input jacks on the rear panel.

- **TUNER:** For external radio tuners (if not using the built-in FM).
- **AUX:** For general auxiliary audio devices.
- **MP3:** For MP3 players or other portable audio devices.
- **DVD:** For DVD players or other video sources with audio output.

## 5.3 Microphone Connection

Plug up to two microphones into the MIC1 and MIC2 input jacks on the front panel.

## 5.4 Power Connection

Before connecting the power cord, ensure the voltage selector on the rear panel is set to the correct voltage for your region (110V or 220V). Then, connect the power cord to the AC power input on the rear panel and plug it into a wall outlet.

# 6. OPERATING INSTRUCTIONS

## 6.1 Power On/Off

Press the **POWER** button on the front panel to turn the receiver on or off.

## 6.2 Source Selection

Press the corresponding input selector buttons (TUNER, AUX, MP3, DVD) on the front panel to choose your desired audio source.

## 6.3 Volume Control

Rotate the **MASTER VOLUME** knob to adjust the overall sound level.

## 6.4 Equalizer Adjustment

Use the 5-band equalizer sliders on the front panel to fine-tune the audio frequencies. Adjusting these sliders allows you to customize the bass, mid-range, and treble response to your preference.

## 6.5 Bluetooth Operation

1. Select the **Bluetooth** input source on the receiver. The display will indicate Bluetooth pairing mode.

2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "RX113BT" from the list of devices to pair.
4. Once paired, audio from your device will play through the receiver.

## 6.6 FM Radio

Select the **TUNER** input. Use the tuning controls to manually scan for FM radio stations. The receiver can store up to 50 radio station presets.

## 6.7 Microphone Usage

Connect microphones to the MIC1 or MIC2 inputs. Use the **MIC VOL** knob to adjust microphone volume. The **ECHO**, **MIC BASS**, and **MIC TREBLE** controls allow for further sound customization for vocal performances or announcements.

## 7. FEATURES

The Technical Pro RX113BT receiver incorporates several features designed to enhance your audio experience:

- **1500 Watts Peak Power Output:** Delivers substantial power to fill your listening space with sound.
- **Bluetooth Connectivity:** Allows wireless streaming of audio from compatible devices.
- **Built-in 5-Band Equalizer:** Provides precise control over audio frequencies for sound customization.
- **5.1 Channel Home Theater Support:** Configurable for multi-channel audio setups.
- **Dual Microphone Inputs:** Equipped with independent volume, echo, bass, and treble controls for microphones.
- **FM Radio Tuner:** Features a manual tuner with auto station seek and storage for up to 50 presets.
- **MP3 Player Plug-in:** Includes an input for connecting MP3 players or other portable audio devices.
- **Digital Fluorescent Display:** Provides clear visual feedback on current settings and audio levels.
- **Remote Control:** For convenient operation from a distance.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not active; Unit is off.	Ensure power cord is securely plugged in; Check power outlet; Press the POWER button.
No sound output	Incorrect input selected; Volume too low; Speaker connections loose or incorrect.	Select the correct input source; Increase MASTER VOLUME; Check all speaker wire connections for proper polarity.
Bluetooth not connecting	Receiver not in pairing mode; Device Bluetooth off; Device too far.	Ensure Bluetooth input is selected; Enable Bluetooth on your device; Move device closer to the receiver.
Poor FM reception	Antenna not connected or positioned poorly.	Connect the FM antenna securely; Adjust antenna position for better signal.

Problem	Possible Cause	Solution
Microphone not working	Microphone not plugged in; MIC VOL too low.	Ensure microphone is fully plugged into MIC1/MIC2; Increase MIC VOL.
Cooling fan noise	Normal operation.	The internal cooling fan operates continuously to maintain optimal component temperature. This is normal and ensures the longevity of the unit.

## 9. SPECIFICATIONS

Technical specifications for the RX113BT Professional Bluetooth Receiver:

### FEATURES OF 1500 WATTS POWER BLUETOOTH RECEIVER

Outputs: Banana binding post (2 speakers),  
Push button (surround sound speakers),

Dual mic inputs with volume, echo,  
bass and treble controls

Fluorescent  
spectrum display

1500 watts  
peak power

FM manual  
tuner

RCA (1 record line,  
2 mono to subwoofer)

Inputs: RCA (2 stereo audio sources,  
5.1 ch) iPod / MP3 input with cable

200 watts RMS Both Channels Driven  
@ 1.0% THD @ 8 ohms

5.1 channel home theater

Image illustrating the dimensions of the Technical Pro RX113BT receiver.

- **Model Number:** RX113BT
- **Product Dimensions (L x W x H):** 19 x 13.5 x 5.1 inches
- **Item Weight:** 11.6 pounds

- **Peak Power Output:** 1500 Watts
- **RMS Power Output:** 200 Watts (Both Channels Driven @ 1.0% THD @ 8 ohms)
- **Connectivity Technology:** Bluetooth
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 5.1 Channel
- **Color:** Black
- **Manufacturer:** Technical Pro

## 10. MAINTENANCE

To ensure the longevity and optimal performance of your Technical Pro RX113BT receiver, follow these maintenance guidelines:



- **Cleaning:** Regularly wipe the unit with a soft, dry cloth. Do not use liquid cleaners or aerosol sprays, as they may damage the finish or internal components.
- **Ventilation:** Ensure that the ventilation openings on the unit are not obstructed. Proper airflow is crucial to prevent overheating.
- **Storage:** If storing the unit for an extended period, disconnect it from the power outlet and store it in a cool, dry place away from direct sunlight and extreme temperatures.

## 11. WARRANTY AND SUPPORT





For warranty information or technical support, please refer to the warranty card included with your product or visit the official Technical Pro website. Contact their customer service for assistance with any issues not covered in this manual.



### Related Documents - RX113BT

	<p><a href="#">Technical Pro H4502HD Digital Hybrid Amplifier/Preamp/Tuner with USB, SD, Bluetooth</a></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>
	<p><a href="#">Technical Pro Hybrid Amplifier User Manual (H1502UrBT, H2502UrBT, H3502UrBT)</a></p> <p>Comprehensive user manual for the Technical Pro H1502UrBT, H2502UrBT, and H3502UrBT Professional Hybrid Amplifiers. This guide covers front panel controls, rear panel connections, remote operation, audio sources, speaker setup, Bluetooth connectivity, microphone usage, and safety precautions.</p>



 <p>Technical Pro Professional Karaoke Amplifier with USB &amp; SD Card &amp; Bluetooth Inputs User Manual for MM2000BT</p>	<p><a href="#">Technical Pro MM2000BT Professional Karaoke Amplifier User Manual</a></p> <p>User manual for the Technical Pro MM2000BT Professional Karaoke Amplifier with USB &amp; SD Card &amp; Bluetooth Inputs. This guide covers front panel and rear panel connections, operation, and troubleshooting.</p>
 <p>Technical Pro HYBRID AMPLIFIER</p>	<p><a href="#">Technical Pro Hybrid Amplifier Operating Manual</a></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>
 <p>Technical Pro POWER60</p>	<p><a href="#">Technical Pro POWER60 2U Professional 2CH Power Amplifier - Specifications &amp; Overview</a></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>
 <p>PYLE PyleUSA.com</p> <p>PT8000CH 8-Channel Home Theater Amplifier Multi-Zone Audio Source Control, Rack Mount Amp, 8000 Watt</p> <p>User Manual</p>	<p><a href="#">Pyle PT8000CH 8-Channel Home Theater Amplifier User Manual</a></p> <p>Comprehensive user manual for the Pyle PT8000CH 8-Channel Home Theater Amplifier, covering features, system design, installation, operation, and troubleshooting for multi-zone and home theater audio applications.</p>