Technical Pro RX55URIBT

Technical Pro RX55URIBT Professional Audio Receiver User Manual

Model: RX55URIBT

INTRODUCTION

Thank you for purchasing the Technical Pro RX55URIBT Professional Audio Receiver. This receiver is designed to deliver high-quality audio performance with versatile connectivity options, including Bluetooth, USB, SD card, and traditional RCA inputs. It features a built-in 7-band equalizer for precise sound control and recording capabilities. Please read this manual thoroughly before operating the unit to ensure proper use and to maximize its performance.

PACKAGE CONTENTS

Upon unpacking, please ensure all items listed below are present and in good condition:

- Technical Pro RX55URIBT Professional Audio Receiver
- Remote Control
- Power Cable
- RCA Audio Cable
- FM Antenna Wire

Figure 1: Package Contents. This image displays the included accessories: the remote control, power cable, and various audio cables, which are essential for setting up the receiver.

PRODUCT OVERVIEW

The RX55URIBT receiver features a comprehensive front panel for easy control and a rear panel for various audio connections.

Front Panel

Figure 2: Front Panel Layout. This image highlights the main controls and display on the front of the receiver, including the large volume knob, input selection buttons, and the digital fluorescent output display.

- **Power Switch:** Turns the unit on/off.
- **Digital Fluorescent Output Display:** Shows audio source, ID3 tags, track and title information.
- **Input Selectors:** Buttons for Tuner, DVD, AUX, MP3/SD/USB/Bluetooth, REC.
- **Tuning Knob:** For FM radio station selection.

- **Equalizer Controls:** Dual 7-band equalizers for precise frequency adjustment (62Hz, 160Hz, 400Hz, 1kHz, 3kHz, 8kHz, 16kHz with ±12dB adjustment).
- **Volume Control:** Large rotary knob for master volume adjustment.
- **Microphone Inputs:** Dual 1/4" inputs with dedicated volume, echo, and tone controls.
- **Tone Controls:** Bass, Treble, and Balance knobs for fine-tuning audio output.
- **USB/SD Card Slots:** For playing .mp3, .wav, .wma files and recording. Supports up to 32GB.

Rear Panel

Figure 3: Rear Panel Connections. This image illustrates the rear connections, including RCA audio inputs (AUX, DVD, LINE), main speaker outputs (banana binding post), surround speaker outputs (push button), RCA line out, and mono RCA subwoofer outputs.

- **FM Antenna Input:** For connecting the included FM antenna.
- **RCA Audio Inputs:** Two sets of RCA inputs (AUX, DVD, LINE) for connecting external audio sources.
- **Main Speaker Outputs:** Banana binding posts for connecting two full-range speakers.
- **Surround Speaker Outputs:** Push button connectors for connecting up to three surround speakers.
- **RCA Passive Line Output:** For connecting to another amplifier or recording device.
- **Mono RCA Subwoofer Outputs:** Two outputs for direct connection to powered subwoofers.
- **Power Input:** AC power cord connection (110/220V switchable).

SETUP

Follow these steps to set up your Technical Pro RX55URIBT receiver.

1. **Placement:** Place the receiver on a stable, flat surface with adequate ventilation. Ensure there is enough space around the unit for heat dissipation.

2. **Speaker Connection:**
   - Connect your main speakers to the "MAIN SPEAKERS" banana binding posts on the rear panel. Ensure correct polarity (+ to + and - to -).
   - If using surround sound, connect your surround speakers to the "SURROUND SPEAKERS" push button connectors. Note: Surround sound only works when all surround speakers are connected.
   - For enhanced bass, connect powered subwoofers to the "SUB OUT" mono RCA outputs.

3. **Audio Source Connection:**

- Connect external audio devices (e.g., CD player, DVD player audio, mixer) to the "AUDIO INPUT" RCA jacks (AUX, DVD, LINE).
- For MP3 players or other devices with a 1/8" output, use the 1/8" MP3 input on the front panel.

4. **Antenna Connection:** Connect the included FM antenna to the "FM ANTENNA" terminal on the rear panel for radio reception.

5. **Power Connection:** Ensure the voltage selector (if present) is set correctly for your region (110V or 220V). Connect the power cable to the receiver's power input and then to a suitable AC outlet.

OPERATING INSTRUCTIONS

Basic Operation

1. **Power On/Off:** Press the POWER switch on the front panel to turn the unit on or off.

2. **Select Input Source:** Press the corresponding input selector button (TUNER, DVD, AUX, MP3/SD/USB/BLUETOOTH) on the front panel to choose your desired audio source.

3. **Adjust Volume:** Rotate the large VOLUME knob to adjust the overall output volume.

4. **Tone Control:** Use the BASS, TREBLE, and BALANCE knobs to fine-tune the audio characteristics to your preference.

USB/SD Card Playback

1. Insert a USB flash drive or SD card (up to 32GB) into the respective slot on the front panel.

2. Select the "MP3/SD/USB/BLUETOOTH" input source.

3. The digital display will show track title, track number, and elapsed time.

4. Use the playback controls (Play, Repeat, Random) on the unit or remote control to manage your audio files (.mp3, .wav, .wma).

Bluetooth Operation

1. Select the "MP3/SD/USB/BLUETOOTH" input source. The unit will enter Bluetooth pairing mode.

2. On your Bluetooth-enabled device (e.g., smartphone, tablet), search for available Bluetooth devices.

3. Select "RX55URIBT" from the list to pair. Once paired, you can stream audio wirelessly within a 30-foot range.

Microphone Usage

1. Connect up to two 1/4" microphones to the MIC1 and MIC2 inputs on the front panel.

2. Adjust the "MIC VOL" knob to control the microphone volume.

3. Use the "ECHO" and "MIC TONE" knobs to add effects and adjust the microphone's sound.

Recording Function

The RX55URIBT can record audio from microphones, the FM tuner, or RCA inputs directly onto a connected USB flash drive or SD card.

1. Ensure a USB flash drive or SD card with sufficient empty space is inserted.

2. Select the desired input source you wish to record (e.g., TUNER, AUX, DVD, LINE, or use microphones).

3. Press the "REC" button on the front panel to start recording. The unit records .wav files at 128 kbps / 44.1 KHz sampling rate.

4. Press "REC" again to stop recording.

Equalizer Adjustment

The built-in dual 7-band equalizer allows for precise frequency adjustments to optimize sound for any environment.

- Adjust the sliders for each frequency band (62Hz, 160Hz, 400Hz, 1kHz, 3kHz, 8kHz, 16kHz) to boost or cut frequencies by up to ±12dB.
- Experiment with settings to achieve your desired sound profile.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your receiver.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosols, as they may damage the finish or internal components.
- **Ventilation:** Ensure the ventilation openings on the top and sides of the unit are not blocked. Proper airflow prevents overheating.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power Cord:** Regularly inspect the power cord for any damage. If damaged, replace it immediately with an approved cord.

TROUBLESHOOTING

If you encounter issues with your RX55URIBT receiver, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not active; Unit fuse blown.	Ensure power cord is securely plugged in; Check power outlet with another device; Contact customer support for fuse replacement.
No sound output	Incorrect input source selected; Volume too low; Speakers not connected properly; Mute function active.	Select the correct input source; Increase volume; Check speaker connections and polarity; Deactivate mute.

Problem	Possible Cause	Solution
Bluetooth not connecting	Device out of range; Bluetooth not enabled on source device; Interference.	Ensure device is within 30 feet; Enable Bluetooth on your device; Move away from other wireless devices.
USB/SD card not playing	Unsupported file format; Card/drive not inserted correctly; Card/drive corrupted; Maximum size exceeded.	Ensure files are .mp3, .wav, or .wma; Reinsert card/drive; Try a different card/drive; Ensure size is 32GB or less.
Poor radio reception	Antenna not connected or positioned poorly; Weak signal.	Connect FM antenna securely; Adjust antenna position for better reception.

SPECIFICATIONS

Feature	Detail
Model Number	RX55URIBT
Peak Power Output	1500 Watts
Inputs	RCA (2 audio sources), USB, SD Card, 1/8" (MP3)
Outputs	Banana binding post (2 speakers), Push Button (3 surround speakers), RCA (Line Out), 2 Mono RCA (Subwoofer Out)
USB & SD Card Max Size	32GB
Playback Formats	.mp3, .wav, .wma
Recording Format	.wav (128 kbps / 44.1 KHz)
Bluetooth Version	v2.0 with EDR (2.4GHz)
Bluetooth Range	30 feet
Microphone Inputs	Dual 1/4" with volume, echo, and tone controls
Equalizer Points	62Hz, 160Hz, 400Hz, 1kHz, 3kHz, 8kHz, 16kHz
Equalizer Adjustment Range	±12dB
Frequency Response	20Hz-20KHz
Dimensions (L x W x H)	17" x 10" x 5.1"
Weight	10.0 lbs
Voltage	110/220V (Switchable)

WARRANTY AND SUPPORT

Technical Pro stands by its products. The RX55URIBT Professional Audio Receiver comes with a one-year warranty from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact Technical Pro customer service. Refer to the official Technical Pro website for the most current contact information.

Important: Do not attempt to open the unit. Opening the unit will void the warranty. Refer all servicing to qualified service personnel.

Related Documents - RX55URIBT

[Technical Pro Hybrid Amplifier User Manual (H1502UrBT, H2502UrBT, H3502UrBT)](#)
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.

[Technical Pro H4502HD Digital Hybrid Amplifier/Preamp/Tuner with USB, SD, Bluetooth](#)
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.

[Harman Kardon AVR335 Service Manual - Technical Guide](#)
Comprehensive service manual for the Harman Kardon AVR335 A/V Receiver. Covers technical specifications, troubleshooting, diagrams, parts lists, and repair procedures for this 7.1 channel audio-visual receiver.

[Harman Kardon AVR335 Service Manual: Technical Specifications, Operation, and Repair Guide](#)
Detailed service manual for the Harman Kardon AVR335 A/V Receiver. Includes technical specifications, front/rear panel controls, remote functions, installation, operation, troubleshooting, parts lists, schematics, and repair guidance for this 7.1 channel, 7 x 55W audio-visual receiver.

Xiaomi Smart Band 7 Pro User Manual	[Xiaomi Smart Band 7 Pro User Manual](#) User manual for the Xiaomi Smart Band 7 Pro, detailing its features, setup, usage, safety precautions, and specifications. Learn how to wear, connect, and operate your smart band.
ECO-WORTHY 1500W Solar Inverter Charger User Manual	[ECO-WORTHY 1500W Solar Inverter Charger User Manual](#) Comprehensive user manual for the ECO-WORTHY 1500W Solar Inverter Charger, detailing installation, operation, safety precautions, troubleshooting, and technical specifications.