

Technical Pro TDV10KT

Technical Pro 4000 Watts Professional Bluetooth Home Audio Receiver Instruction Manual

Model: TDV10KT

1. INTRODUCTION

Thank you for purchasing the Technical Pro 4000 Watts Professional Bluetooth Home Audio Receiver with Built-in DVD Player. This versatile unit is designed to be the centerpiece of your home entertainment system, offering powerful audio output, multiple input options, and convenient features like Bluetooth connectivity and a built-in DVD player. Please read this manual thoroughly before operating the unit to ensure proper use and to maximize its performance.

2. KEY FEATURES

- **4000-WATT POWER:** The Technical Pro 2 Channel Pre-Amplifier provides 4000 watts peak power for multi-speaker setups with 4-8 ohms impedance, delivering high-quality amplified audio.
- **MULTIPLE INPUTS:** Supports SD / MMC card, USB, MP3, AM/FM tuner, AUX, CD player, 2 microphone inputs with echo for karaoke or event hosting, RCA, AUX, and Bluetooth inputs.
- **BLUETOOTH ENABLED:** Integrated Bluetooth allows for wireless music streaming from smartphones, tablets, laptops, and other compatible devices.
- **A/B SPEAKER SELECTOR:** Professional integrated stereo receiver with A/B speaker selector to choose between speaker sets. Both speakers are used by default when initially turned on.
- **EQ CONTROLS:** Features crisp buttons for audio sources and selectors, and rotary knobs for equalization and master volume adjustments.
- **BUILT-IN DVD PLAYER:** Supports playback of DVD, DVD-R, DVD-RW, CD-R, CD-RW, VCD, MP3, MPEG4, DIVX, and CD-G formats.
- **REMOTE CONTROL:** Includes a remote control for convenient distant audio adjustments.

FEATURES OF BLUETOOTH RECEIVER WITH BUILT-IN DVD PLAYER

Bluetooth compatibility allows for wireless connection to any A2DP stereo Bluetooth device

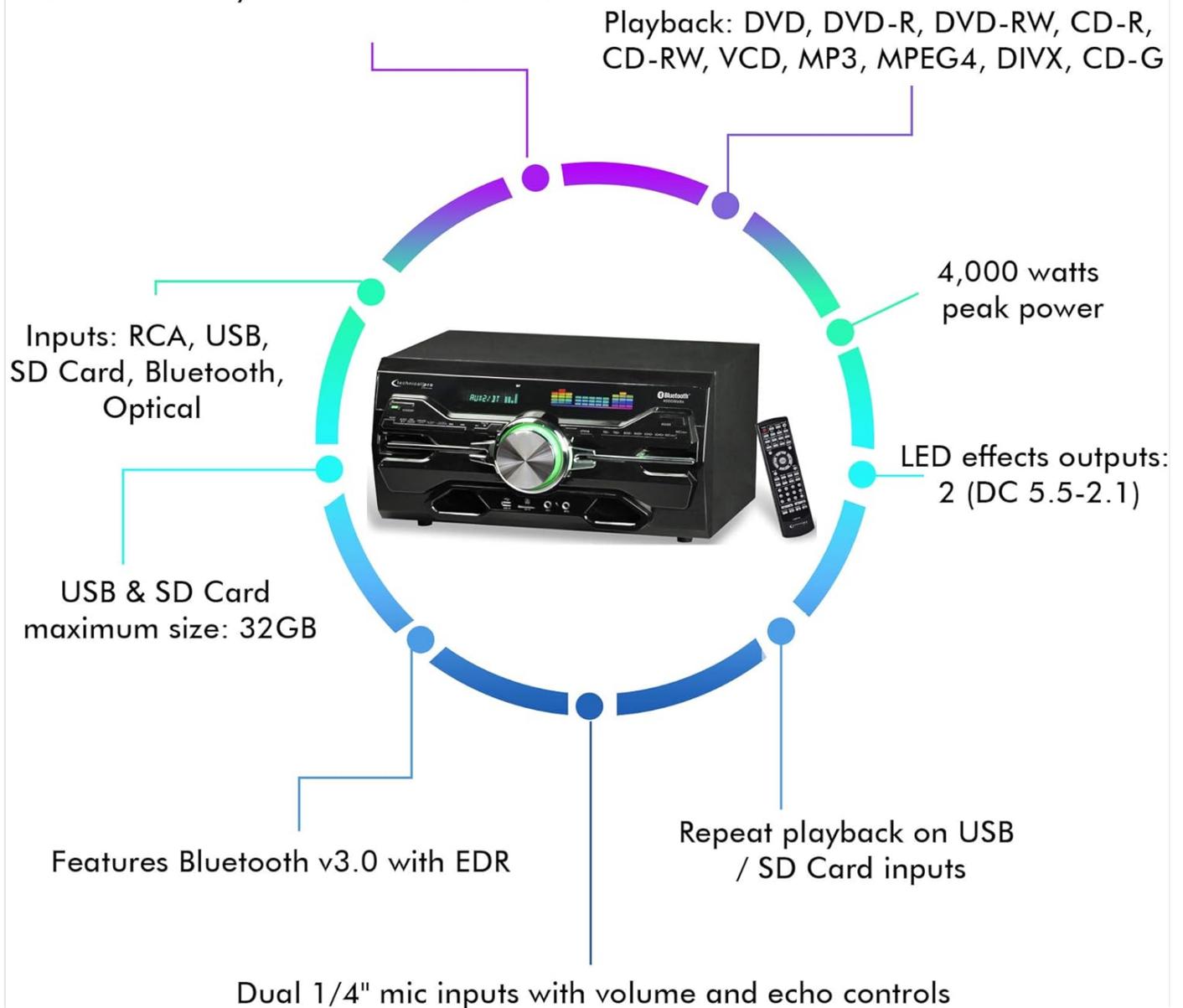


Figure 2.1: Overview of the receiver's key features, including 4000 watts peak power, various inputs, Bluetooth, and playback capabilities.

3. PACKAGE CONTENTS

Please check the box for the following items:

- Technical Pro 4000 Watts Professional Bluetooth Home Audio Receiver
- Remote Control
- Power Cable
- Instruction Manual (this document)

4. CONTROLS AND CONNECTIONS

BLUETOOTH RECEIVER WITH BUILT-IN DVD PLAYER



- Dual 1/4" mic inputs
- Bluetooth Range: 45 Feet
- Audio outputs: Optical, AUX
- Video outputs: HDMI, RCA, YUV, RGB

Figure 4.1: Front Panel Controls and Inputs

Front Panel Controls:

- **Power Button:** Turns the unit on or off.
- **Standby:** Puts the unit into a low-power standby mode.
- **Input Selectors (AUX1, AUX2, FM, AM, USB, SD, BT):** Selects the audio input source.
- **Mute:** Mutes or unmutes the audio output.
- **Open/Close (for DVD tray):** Opens and closes the DVD disc tray.
- **Master Volume Knob:** Adjusts the overall output volume.
- **TRE+/TRE-:** Adjusts treble levels.
- **BASS+/BASS-:** Adjusts bass levels.
- **ECHO+/ECHO-:** Adjusts microphone echo effect.
- **MIC VOL+/MIC VOL-:** Adjusts microphone volume.
- **USB Input:** Connect USB flash drives for media playback.
- **SD Card Slot:** Insert SD/MMC cards for media playback.

- **MIC1/MIC2 Inputs (1/4"):** Connect microphones for karaoke or public address.

Rear Panel Connections:

The rear panel features various ports for connecting speakers and external audio/video sources. Refer to the diagram below for specific connection points.



Figure 4.2: Rear Panel Connections (Example)

- **Speaker Terminals (A/B):** Connect your passive speakers. Ensure correct polarity (+ to + and - to -).
- **RCA Audio Inputs (AUX1, AUX2):** Connect external audio devices like CD players, tape decks, or other audio sources.
- **RCA Video Outputs:** Connect to a TV or monitor for video playback from the DVD player.
- **HDMI Output:** Connect to an HDMI-enabled display for high-quality video output from the DVD player.
- **Optical Audio Output:** Digital audio output for connecting to a soundbar or home theater system.
- **FM Antenna Input:** Connect the included FM antenna for radio reception.
- **Power Cord Input:** Connect the supplied power cable to an AC outlet.

5. SETUP GUIDE

5.1 Speaker Connection

1. Ensure the receiver is powered off and unplugged from the wall outlet.
2. Connect your speakers to the speaker terminals on the rear panel. Match the positive (+) terminal on the receiver to the positive (+) terminal on your speaker, and the negative (-) terminal on the receiver to the negative (-) terminal on your speaker.
3. For optimal sound, ensure all connections are secure.

5.2 Connecting External Devices

1. **Audio Devices (e.g., CD Player):** Use RCA audio cables to connect the audio output of your device to the AUX1 or AUX2 input on the receiver.
2. **Video Display (for DVD Player):** Connect the HDMI output or RCA video outputs on the receiver to the corresponding input on your TV or monitor.

3. **Microphones:** Insert 1/4" microphone cables into the MIC1 or MIC2 inputs on the front panel.

5.3 Power Connection

1. Once all audio and video connections are made, plug the supplied power cable into the AC power input on the rear of the receiver.
2. Plug the other end of the power cable into a standard wall outlet (AC 120V/60Hz).



Figure 5.1: Example Home Theater Setup

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Press the **POWER** button on the front panel or the remote control to turn the unit on or off. Press the **STANDBY** button to enter or exit standby mode.

6.2 Source Selection

Use the input selector buttons (AUX1, AUX2, FM, AM, USB, SD, BT) on the front panel or the remote control to choose your desired audio source.

6.3 Volume and EQ Adjustment

- **Master Volume:** Rotate the large central knob on the front panel or use the **VOL+ / VOL-** buttons on the remote to adjust the overall volume.
- **Treble (TRE+ / TRE-):** Adjusts the high-frequency sound levels.
- **Bass (BASS+ / BASS-):** Adjusts the low-frequency sound levels.

6.4 Bluetooth Pairing

1. Select the **BT** input source on the receiver. The display will indicate Bluetooth pairing mode.
2. On your Bluetooth-enabled device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "Technical Pro" or a similar name from the list of devices.
4. Once connected, the receiver's display will confirm the successful pairing. You can now stream audio wirelessly from your device.

6.5 DVD/CD Playback

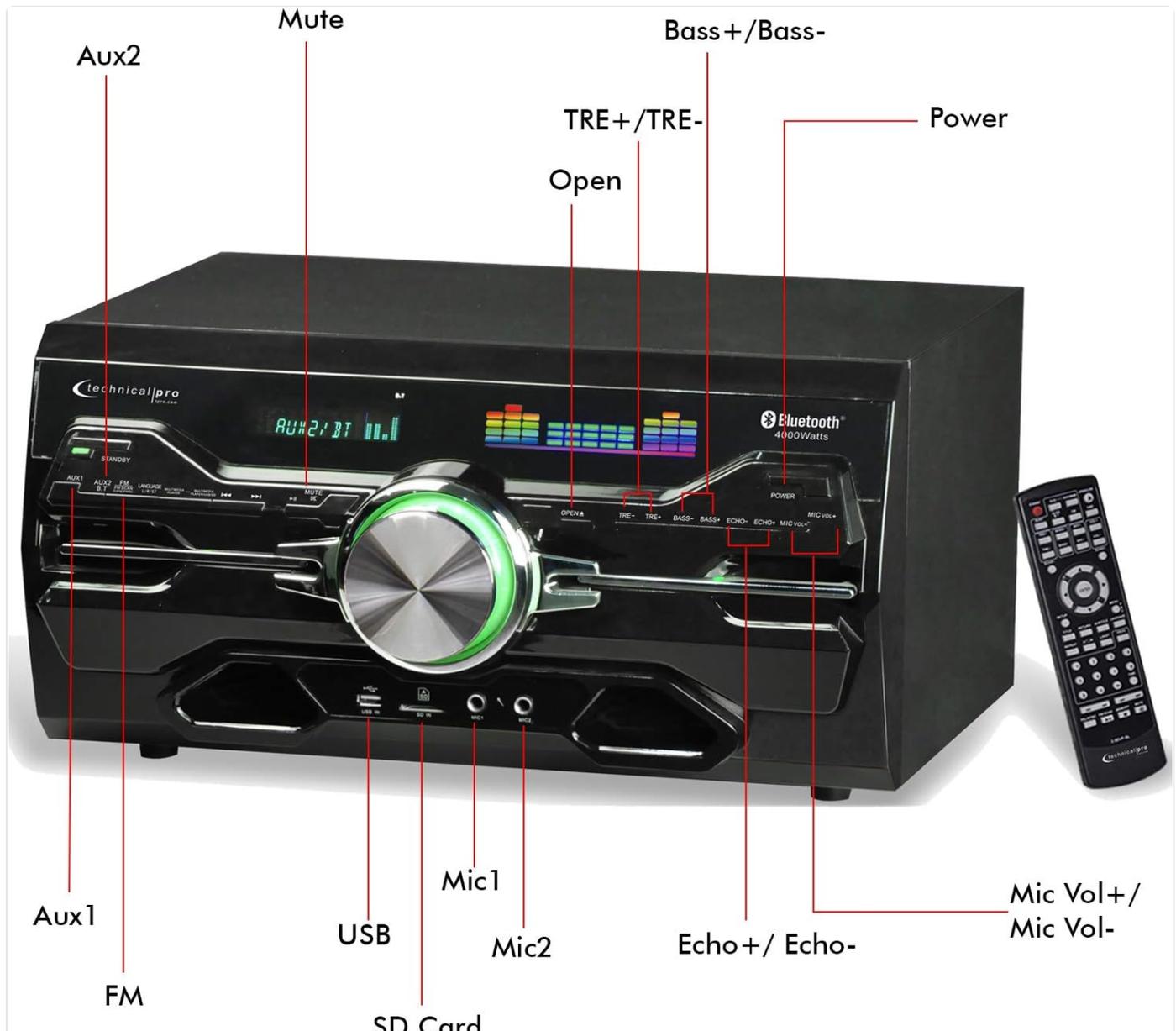


Figure 6.1: DVD Tray Open

1. Select the **DVD** input source.
2. Press the **OPEN/CLOSE** button to open the disc tray.
3. Place a DVD or CD disc gently into the tray with the label side facing up.
4. Press **OPEN/CLOSE** again to close the tray. The unit will begin reading the disc automatically.
5. Use the playback controls (Play, Pause, Stop, Skip) on the front panel or remote control to manage playback.

6.6 USB/SD Card Playback

1. Insert a USB flash drive into the USB port or an SD/MMC card into the SD card slot on the front panel.
2. Select the **USB** or **SD** input source.
3. The unit will automatically detect and begin playing compatible audio/video files.
4. Use the playback controls to navigate and play media.

6.7 Microphone Usage (Karaoke)

1. Connect your microphones to the MIC1 or MIC2 inputs.
2. Adjust the microphone volume using the **MIC VOL+** / **MIC VOL-** controls.
3. Apply echo effects using the **ECHO+** / **ECHO-** controls for a more dynamic vocal performance.

6.8 AM/FM Tuner

1. Select the **AM** or **FM** input source.
2. Use the tuning buttons on the remote or front panel to scan for radio stations.
3. You can save your favorite stations to preset memory slots (refer to the remote control's specific buttons for preset functions).



WIRELESS REMOTE CONTROL FOR HOME SPEAKERS AND THEATER ENTERTAINMENT



Figure 6.2: Wireless Remote Control in Use

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure proper ventilation around the unit. Do not block any ventilation openings.
- **Disc Care:** Handle discs by their edges. Keep them clean and free of scratches to ensure proper playback.
- **Storage:** If storing the unit for an extended period, unplug it from the power outlet and store it in a cool, dry place.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet not active	Ensure power cable is securely plugged in; Try a different power outlet; Check circuit breaker.
No sound output	Incorrect input source selected; Speakers not connected properly; Volume too low; Mute function active	Select the correct input source; Check speaker wire connections (polarity); Increase master volume; Deactivate mute.
Bluetooth not connecting	Receiver not in pairing mode; Device Bluetooth off; Device too far; Interference	Ensure receiver is on BT input; Turn on Bluetooth on your device; Move device closer to receiver; Avoid obstacles; Restart both devices.
DVD/CD not playing	Disc inserted incorrectly; Disc is dirty or scratched; Incorrect region code; Unsupported format	Re-insert disc correctly; Clean disc with a soft cloth; Ensure disc is compatible with the player's region; Check disc format compatibility.
Remote control not working	Batteries are dead or inserted incorrectly; Obstruction between remote and receiver	Replace batteries, ensuring correct polarity; Remove any obstructions; Point remote directly at the receiver's sensor.

9. SPECIFICATIONS

Feature	Specification
Product Dimensions	16.5 x 17.75 x 9.25 inches (W x D x H)
Item Weight	22.6 pounds
Model Number	TDV10KT
Brand	Technical Pro
Connectivity Technology	Bluetooth
Special Feature	Wireless
Compatible Devices	Speaker
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2 Channel
Color	Black
Manufacturer	Technical Pro
Date First Available	March 25, 2021

DIMENSIONS



Figure 9.1: Product Dimensions

10. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for detailed terms and conditions. For technical support, service, or warranty claims, please contact Technical Pro customer service directly. Contact information can typically be found on the manufacturer's website or on the product packaging.

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