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› **Trexonic Portable Rechargeable 15.4 Inch LED TV with HDMI, SD/MMC, USB, VGA, AV in/Out & Built-in Digital Tuner, TRX-D15 User Manual**

Trexonic TRX-D15

User Manual

TREXONIC PORTABLE RECHARGEABLE 15.4 INCH LED TV
Model: TRX-D15

Introduction

This manual provides essential information for the safe and efficient operation of your Trexonic Portable Rechargeable 15.4 Inch LED TV, model TRX-D15. This device offers high-quality entertainment on the go, featuring HDMI, SD/MMC, USB, VGA, and AV In/Out ports, along with a built-in digital tuner. Please read this manual thoroughly before using the product and retain it for future reference.
Key features include:

- 15.4" LED Widescreen Panel with 1366 x 768 resolution and 16:9 aspect ratio.
- Peak Brightness: 350cd/m2, Contrast Ratio: 300:1.
- Built-in Digital Tuner for receiving local channels.
- Multiple input options: HDMI, SD/MMC, USB, VGA, AV In/Out.
- Rechargeable battery for portable use.
- Includes wall charger, car charger, remote control, and detachable telescope antenna.

Safety Information

To ensure safe operation and prevent damage, please observe the following precautions:

- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Do not block ventilation openings. Ensure adequate airflow around the unit.
- Use only the power adapters supplied with the unit. Using unauthorized adapters may cause damage or fire.
- Protect the power cord from being walked on or pinched.
- Unplug the unit during lightning storms or when unused for long periods.
- Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.
- Keep the unit away from direct sunlight, heat sources, and extreme temperatures.
- Avoid dropping or subjecting the unit to strong impacts.
- Dispose of batteries properly according to local regulations.

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Package Contents

Please check the box for the following items:

- Trexonic Portable 15.4 Inch LED TV (TRX-D15)
- One Remote Control
- One Car Adapter
- One AC Adapter
- A/V Cables
- Antenna (Detachable Telescope Antenna)

Product Overview

Front View

Figure 1: Front view of the Trexonic TRX-D15 Portable LED TV, showing the 15.4-inch screen and the Trexonic logo at the bottom.

Figure 2: Front view of the Trexonic TRX-D15 Portable LED TV, demonstrating the display with a vibrant image of a lake and islands.

Rear View and Stand

Figure 3: Rear view of the TV, highlighting the built-in metal stand for tabletop use and the rear-facing speakers.

Top Controls

Figure 4: Top edge of the TV, displaying the control buttons (MENU, VOL-, VOL+, CH-, CH+, SOURCE, ENTER) and the SD Card slot.

The top panel features essential control buttons for navigating menus, adjusting volume, changing channels, and selecting input sources. The SD Card slot allows for media playback from compatible memory cards.

Side Ports

Figure 5: Side panel of the TV, showing the power input, USB port, HDMI input, headphone jack, AV In/Out ports, and antenna input.

The side panel provides connectivity options:

- **ON/OFF:** Power switch.
- **DC-12V:** Power input for AC/car adapter.
- **CHARGE:** Charging indicator light.
- **USB:** USB port for media playback.
- **HD-IN:** HDMI input for connecting external devices.
- **Headphone Jack:** For private listening.
- **AV-OUT AV-IN:** Audio/Video input and output ports.
- **Antenna Input:** For connecting the detachable telescope antenna or external antenna.

Setup

1. Charging the Battery

Before first use, fully charge the TV's built-in Lithium Ion battery. Connect the supplied AC adapter to the DC-12V port on the TV and plug it into a wall outlet. The CHARGE indicator light will illuminate. A full charge typically takes 4-5 hours. The TV can play for 2-3 hours on a full charge, depending on brightness settings. You can also use the included car adapter to charge the TV in a vehicle.

2. Connecting the Antenna

For receiving over-the-air digital television (DTV) broadcasts, screw the detachable telescope antenna into the Antenna Input port on the side of the TV. Extend the antenna fully for optimal reception. For stronger signals, you may connect an external antenna (not included) to this port.

3. Powering On/Off

To power on the TV, slide the ON/OFF switch located on the side panel to the 'ON' position. To power off, slide the switch to the 'OFF' position.

Operating Instructions

Basic Functions

- **Volume Control:** Use the VOL+ and VOL- buttons on the top panel or remote control to adjust the volume.
- **Channel Change:** Use the CH+ and CH- buttons on the top panel or remote control to change channels.
- **Menu Navigation:** Press the MENU button to access the on-screen display (OSD) menu. Use the directional buttons (VOL-, VOL+, CH-, CH+) to navigate and ENTER to confirm selections.
- **Source Selection:** Press the SOURCE button to cycle through available input sources (DTV, AV, HDMI, VGA, USB, SD).

Channel Scan Guide (DTV/ATV)

To receive digital or analog television broadcasts, you must perform a channel scan. Follow these steps:

1. Press the **MENU** button to open settings.
2. Use the **VOL-** or **VOL+** keys to select **CHANNEL**.
3. Press **ENTER** to go to the CHANNEL menu.
4. Make sure **AIR** is selected by selecting left or right.
5. Choose **AUTO SCAN** with **VOL-** or **VOL+** and press **ENTER** to confirm your choice.
6. Press **VOL-** or **VOL+** to select **Yes** to initiate **AUTO SCAN**.
7. The system will now run **AUTO SCAN**. Please wait for the scan to complete.

Figure 6: Visual guide for performing a channel scan, showing menu navigation and auto scan confirmation screens.

Note: Please check DTV Reception Maps on the Federal Communications Commission (FCC) website prior to purchase to check for the DTV signals that are available at your location. The DTV coverage map will list all stations in your area. Not all stations are guaranteed.

Media Playback (USB/SD/MMC)

Insert a USB flash drive into the USB port or an SD/MMC card into the SD Card slot. Select the corresponding input source (USB or SD) using the SOURCE button. The TV will display the media browser, allowing you to select and play compatible audio, video, or image files.

Connecting External Devices

- **HDMI:** Connect a device like a game console, Blu-ray player, or streaming stick to the HD-IN port using an HDMI cable. Select HDMI as the input source.
- **VGA:** Connect a computer or laptop to the VGA port. Select VGA as the input source.
- **AV In:** Use the supplied A/V cables to connect older devices (e.g., DVD player, VCR) to the AV-IN ports. Select AV as the input source.
- **AV Out:** The AV-OUT port allows you to output the TV's audio and video signal to another display or recording device.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior of the TV. For stubborn marks, slightly dampen the cloth with water. Do not use abrasive cleaners, waxes, or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing the TV for an extended period, charge it to about 50% and recharge every few months.
- **Storage:** Store the TV in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
No power	Battery drained; Power switch off; AC/Car adapter not connected properly.	Charge the battery; Ensure power switch is ON; Check adapter connections.
No signal (DTV/ATV)	Antenna not connected; Poor antenna position; No channels scanned; Weak signal.	Connect antenna securely; Adjust antenna position; Perform channel scan; Consider an external antenna.
No picture from external device (HDMI/AV/VGA)	Incorrect input source selected; Device not powered on; Cable not connected properly.	Select correct input source using SOURCE button; Ensure external device is powered on; Check cable connections.
No sound	Volume too low or muted; External device volume low.	Increase volume; Check if muted; Adjust volume on external device.
Remote control not working	Batteries drained; Obstruction between remote and TV; Remote not pointed at sensor.	Replace remote batteries; Remove obstructions; Point remote directly at the TV's IR sensor.

Specifications

Model Number	TRX-D15
Screen Size	15.4 Inches (Visible screen diagonal: 16" / 40 cm)

Display Technology	LED
Resolution	1366 x 768 (Native), Supports 1080p input
Aspect Ratio	16:9
Peak Brightness	350cd/m2
Contrast Ratio	300:1
Connectivity Technology	HDMI, USB, VGA, AV In/Out
Speaker Type	Built-In
Power Source	AC Adapter (12V DC), Car Adapter, Built-in Rechargeable Lithium Ion Battery
Battery Life	2-3 hours (playback), 4-5 hours (charge time)
Item Weight	2.2 Pounds (approx. 1 kg)
Product Dimensions	15.5 x 11 x 1.55 inches (approx. 39.4 x 27.9 x 3.9 cm)
Color	Black

Warranty and Support

For warranty information or technical support, please refer to the warranty card included with your product or contact Trexonic customer service. Keep your purchase receipt as proof of purchase.
For further assistance, you may visit the official Trexonic website or contact their support channels as listed in your product documentation.
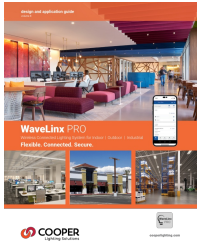
Related Documents - TRX-D15

[Trexonic 14" Portable LED Television User Manual](#)
User manual for the Trexonic 14" Portable LED Television (Model TRX-14D), covering important safeguards, package contents, input/output interface, remote control operation, menu functions (channel, picture, sound, time, options, lock), input source selection, multimedia mode, troubleshooting, and specifications.

[FSP D15-(2)DA4 Series 15W DC-DC Converter Datasheet](#)
Detailed datasheet for the FSP D15-(2)DA4 Series 15W DC-DC Converter. Features include 4:1 wide input range, 1x1" package, high efficiency up to 90%, and wide operating temperature range (-40°C to +105°C). Includes electrical specifications, safety approvals, mechanical dimensions, and application notes.

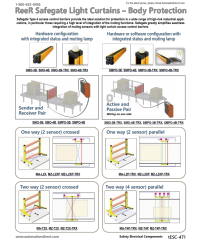|	
	[Trak Racer TRX V2 Assembly Guide](#) Comprehensive assembly instructions for the Trak Racer TRX V2 racing simulator cockpit, detailing part lists, assembly steps, and various wheel mounting options for a professional sim racing setup.
	[WaveLinx PRO: Wireless Connected Lighting System Design and Application Guide](#) This design and application guide details the WaveLinx PRO wireless connected lighting system from Cooper Lighting Solutions, covering its features, system architecture, components, and applications for indoor, outdoor, and industrial environments, emphasizing energy efficiency, smart building integration, and simplified control.
	[Trexonic TV Auto Scan Guide](#) Instructions for performing an auto scan on a Trexonic TV to find channels, including preparation and step-by-step guidance.
	[ReeR Safegate Light Curtains for Body Protection](#) Comprehensive guide to ReeR Safegate Type 4 access control barriers, detailing features, benefits, selection charts, specifications, and accessories for body protection in industrial applications.