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> TECHDASH V88R 4K Android Mini PC Box User Manual

## TECHDASH V88R 4GB

# TECHDASH® V88R 4K Android Mini PC Box User Manual

Model: V88R 4GB

## 1. INTRODUCTION

The TECHDASH® V88R 4K Android Mini PC Box is a high-performance streaming device designed to transform your television into a smart entertainment hub. Featuring Android 10.0, a powerful H616 processor, 4GB RAM, and 32GB ROM, it delivers a smooth and responsive user experience for streaming 4K content, playing games, and running various Android applications. Its dual-band Wi-Fi connectivity ensures stable and fast internet access for all your multimedia needs.



Figure 1.1: TECHDASH V88R 4K Android Mini PC Box and its accompanying remote control. The box is compact and black, with "V88R 4K" prominently displayed. The remote is also black with various navigation and media control buttons.

## 2. KEY FEATURES

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- **Advanced Android 10.0 System:** Experience a modern and intuitive user interface with improved performance and compatibility with a wide range of Android applications.
- **Powerful H616 Processor:** Equipped with the latest H616 chip, providing strong performance for smooth multitasking and application execution.
- **Ample Memory & Storage:** Features 4GB RAM and 32GB ROM, offering sufficient memory for seamless operation and ample space for apps, games, and media files.
- **Stunning 4K HDR Visuals:** Supports 4K video decoding and HDR (High Dynamic Range) for higher definition, more realistic image effects, brighter colors, and deeper blacks, delivering a cinematic viewing experience.
- **High Reaction Speed:** Powered by a Quad Core Cortex-A53 64-bit CPU up to 2GHz, ensuring ultra-fast running speed and professional graphic processing capabilities.
- **Dual-Band Wi-Fi:** Integrated 2.4/5 Ghz Dual WiFi for stable and high-speed wireless connectivity.
- **Rich Connectivity Options:** Multiple USB ports (including USB 3.0), SD/MMC card slot, HDMI, AV, and Ethernet for versatile peripheral and display connections.



Figure 2.1: The TECHDASH V88R 4K Android Mini PC Box is capable of delivering an ultra-exciting 3D game experience on a large screen, enhancing visual and auditory immersion.



Figure 2.2: This image illustrates the visual difference between Standard Dynamic Range (SDR) and High Dynamic Range (HDR) content. The HDR display, powered by the V88R box, shows significantly brighter highlights, deeper shadows, and a wider range of colors, creating a more vivid and realistic viewing experience.

### 3. PACKAGE CONTENTS

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Please check the box for the following items:

- TECHDASH® V88R 4K Android Mini PC Box
- Remote Control
- Power Adapter
- HDMI Cable
- User Manual



Figure 3.1: The complete package contents laid out, including the V88R box, remote control, power adapter, HDMI cable, and a user manual.

## 4. SETUP GUIDE

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### 4.1 Connecting the Device

1. **Connect to Power:** Insert the DC power adapter into the "DC 5V" port on the back of the V88R box, then plug the adapter into a wall outlet.
2. **Connect to TV/Display:**
  - For HD displays (LCDTV, Computer Monitor): Use the provided HDMI cable to connect the "HD" port on the V88R box to the HDMI input on your TV or monitor.
  - For older TVs: If your TV has an AV input, use an AV cable (not included) to connect the "AV" port on the V88R box to your TV's AV input.
3. **Connect to Network (Optional):**

- **Wi-Fi:** Once powered on, navigate to the network settings to connect to your wireless network. The device supports dual-band 2.4/5 Ghz Wi-Fi.
- **Ethernet:** For a wired connection, connect an Ethernet cable from your router to the "ETHERNET" port on the V88R box.

4. **Connect Peripherals (Optional):** Plug in USB devices such as a keyboard, mouse, or external hard drive into the available USB ports. The device supports USB 2.0 and USB 3.0.



Figure 4.1: This diagram illustrates the various connectivity options for the V88R box, including WAN (Ethernet), WiFi, and output connections to a Computer Monitor (HDMI), LCDTV (HDMI), and Old TV (AV port).



Figure 4.2: The V88R box shown connected to a display, a wireless keyboard, a wireless mouse, and a game console, demonstrating its extended connectivity capabilities for various input and storage devices like hard disks.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Powering On/Off

Press the **POWER** button on the remote control to turn the device on or off. The device will boot up to the Android home screen.

### 5.2 Navigating the Interface

Use the directional **ARROW** buttons on the remote to navigate through menus and select items. Press the **OK** button to confirm a selection.

- **HOME:** Returns to the main home screen.
- **MENU:** Accesses context-sensitive options.

- **RETURN:** Goes back to the previous screen.
- **VOL+/-:** Adjusts the volume.
- **MOUSE:** Toggles mouse pointer mode for easier navigation in certain applications.

## 5.3 Installing and Managing Applications

The V88R box comes with pre-installed applications. You can download and install more applications from the Google Play Store or other trusted sources. To manage apps, go to System Settings > Apps.

## 5.4 Media Playback

The device supports various media formats for video, audio, and images. You can play media from connected USB drives, SD/MMC cards, or stream content from online services like Netflix (supported internet service).

## 5.5 System Settings

Access the "Settings" icon on the home screen to configure network settings, display resolution (up to 4K), sound output, language, date & time, and other system preferences.

## 6. CONNECTIVITY AND PORTS

The TECHDASH V88R box offers a comprehensive set of ports for various connections:



Figure 6.1: A detailed view of the V88R box's interfaces, including standard USB ports, 5V DC power input, Ethernet port, HDMI port, and TF Card (SD/MMC) slot. The image also shows AV and SPDIF ports.

- **USB Ports:** Includes multiple USB ports (USB 1, USB 2, USB 3, USB 4) for connecting external storage, keyboards, mice, gamepads, and other USB peripherals. Note that USB 3 is a USB 3.0 port, offering faster data transfer speeds.
- **SD/MMC Card Slot:** For memory expansion and reading files from SD or MMC cards.
- **HDMI Port (HD):** For connecting to high-definition televisions, monitors, or projectors. Supports 4K resolution output.
- **AV Port:** For connecting to older televisions using an AV cable.

- **Ethernet Port:** For a stable wired internet connection.
- **DC 5V Port:** Power input for the device.
- **SPDIF:** Digital audio output for connecting to home theater systems or soundbars.
- **Wi-Fi:** Built-in dual-band Wi-Fi (2.4/5 Ghz) for wireless internet connectivity.



Figure 6.2: A close-up view highlighting the USB ports (USB 1, USB 2, USB 3) and the SD/MMC card slot. USB 3 is identified as a USB 3.0 port, while USB 1 and USB 2 are USB 2.0 ports, allowing for memory expansion and connection of various equipment.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/Device not turning on	Power adapter not connected properly; Power outlet issue; Faulty adapter/device.	Ensure power adapter is securely connected. Try a different power outlet. Check if the power adapter is working.

Problem	Possible Cause	Solution
No display on TV	Incorrect HDMI/AV connection; TV input not set correctly; Faulty cable.	Verify HDMI/AV cable is securely connected to both the box and TV. Ensure your TV's input source is set to the correct HDMI/AV port. Try a different HDMI/AV cable.
Wi-Fi connection issues	Incorrect Wi-Fi password; Router too far; Router issues.	Double-check Wi-Fi password. Move the box closer to the router. Restart your router. Try a wired Ethernet connection if possible.
Applications freezing or crashing	Too many apps running; Low storage; App compatibility issues.	Close background applications. Clear app cache/data. Uninstall unused apps to free up storage. Update the app or system firmware.
Remote control not working	Low batteries; Obstruction; Remote not paired (if applicable).	Replace batteries. Ensure no obstructions between remote and box. Point remote directly at the box.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	V88R 4GB
Operating System	Android 10.0
Processor	H616 Quad Core Cortex-A53 64-bit, up to 2GHz
RAM	4 GB DDR3 SDRAM
Internal Storage	32 GB
Resolution Support	4K, 720p
Connectivity	Dual Wi-Fi (2.4/5 Ghz), Ethernet
Ports	HDMI, AV, USB 2.0 (multiple), USB 3.0, SD/MMC Card Slot, DC 5V, SPDIF
Special Features	Chromecast, HDR Support
Compatible Devices	Personal Computer, TV
Item Weight	400 g
Dimensions	35 x 30 x 25 cm (Package Dimensions)

## 9. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Periodically check for system updates in the settings menu to ensure optimal performance and

security.

## 10. WARRANTY AND SUPPORT

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For product support, warranty information, or any inquiries, please contact the manufacturer:

**Manufacturer:** AUSHA EXPORTS P LTD

**Address:** 140, Sector 27, Gurugram-122009

**Customer Support:** 08048977694

Please retain your purchase receipt for warranty claims.