AVerMedia GC515

AVerMedia X'TRA GO GC515 User Manual

Model: GC515
Brand: AVerMedia

Introduction

The AVerMedia X'TRA GO GC515 is a versatile docking station designed for various portable gaming consoles and mobile devices, including the Steam Deck, Nintendo Switch, ROG Ally, Legion Go, MSI Claw, iPhone, and iPad. It functions as a hub for connectivity, display output, charging, and integrated video capture, providing a comprehensive solution for gaming, streaming, and productivity on the go.

Key Features

- **4K30 One-Touch Recording:** Record gaming and screen content at 4K resolution and 30 frames per second directly to an SD card without needing a computer.
- **4K60 HDMI Output:** Connect to an external display via HDMI 2.0, supporting up to 4K resolution at 60Hz for high-quality video output.
- **Charging and Connectivity:** Features a USB Type-C port for power input (up to 65W fast charging) and two USB Type-A ports for connecting peripherals like keyboards, mice, and microphones.
- **Broad Device Compatibility:** Supports a wide range of devices including Valve Steam Deck, Steam Deck OLED, ASUS ROG Ally, Lenovo Legion Go, MSI Claw, Nintendo Switch, iPhone, and iPad.
- **Stable Power Delivery:** Equipped with a PD-certified chip to ensure a stable power supply during operation, streaming, and charging.
- **Integrated SD Card Slot:** Allows for direct recording to an SD card and functions as a card reader.
- **3.5mm Headphone Jack:** Provides audio output for connected devices.

Package Contents

- AVerMedia X'TRA GO GC515 Dock
- USB-C to USB-C Cable
- Quick Start Guide (not included in this manual)

Product Overview



Figure 1: Front view of the AVerMedia X'TRA GO GC515 Dock, showing the AVerMedia logo and status indicator light.



Figure 2: The X'TRA GO GC515 Dock with a Steam Deck mounted, illustrating the compact design and the various ports located at the rear of the device.



Figure 3: Detailed view of the X'TRA GO GC515 ports, including USB-C for devices, USB-C for power input, HDMI 2.0 output, USB 3.2 ports, USB-C for streaming, Capture/Card Reader Modes Switch, SD Card Slot, and 3.5mm Headphone Jack.

Setup

1. **Power Connection:** Connect a USB-C power adapter (not included, 65W recommended for optimal performance) to the "USB-C for Power Input" port on the dock.



Figure 4: Illustrates connecting the USB-C power cable to the dock for stable power delivery.

2. **Device Connection:** Connect your compatible device (e.g., Steam Deck, ROG Ally, Switch) to the "USB-C Port to Devices" on the dock. Ensure your device's thickness is within 21.5mm (0.846 inches) for proper fit.



Figure 5: Shows the dock's compatibility with Steam Deck, ASUS ROG Ally, MSI Claw, Lenovo Legion Go, iPhone, and iPad, emphasizing the thickness requirement.

3. **HDMI Display Connection (Optional):** For external display output, connect an HDMI cable from the "HDMI 2.0 4K60 Output" port on the dock to your monitor or TV.



Figure 6: A user enjoying content on a large screen connected via the dock's 4K60 HDMI output.

4. **Peripheral Connection (Optional):** Connect USB peripherals (keyboard, mouse, microphone) to the "USB 3.2 Port" on the dock.
5. **SD Card Insertion (Optional):** Insert a microSD card into the SD Card Slot for recording or data transfer. The dock supports up to 1TB SD cards.
6. **Headphone Connection (Optional):** Connect headphones or external speakers to the 3.5mm Headphone Jack for audio output.

Operating Instructions

1. Display Output and Charging

Once your device and power source are connected, the dock will automatically begin charging your device and outputting video to a connected HDMI display. Ensure your display is set to the correct HDMI input.

2. One-Touch 4K30 Recording (Standalone)

The X'TRA GO GC515 allows for direct recording to an SD card without a computer.

a. Insert a formatted SD card (up to 1TB) into the SD Card Slot.
b. Ensure your device is connected and displaying content.
c. Press the dedicated record button on the dock (refer to Figure 3 for location). The status indicator light will change to confirm recording has started. Press again to stop recording.



Figure 7: Demonstrates the one-touch recording functionality, allowing users to capture gameplay directly to an SD card.

3. PC Streaming/Capture Mode

To use the dock as a capture card for streaming or advanced recording via a PC:

a. Connect the "USB-C Port for Streaming" on the dock to a USB port on your computer using a USB-C to USB-A or USB-C to USB-C cable.
b. Toggle the "Capture/Card Reader Modes Switch" to the capture mode (usually indicated by an icon or position).
c. Open your preferred streaming or recording software (e.g., OBS Studio, Streamlabs OBS) on your PC.
d. Add the AVerMedia X'TRA GO GC515 as a video capture device source within your software.



Figure 8: A user capturing 4K30 content from their handheld device to a laptop, demonstrating the dock's use as a capture card.

4. Card Reader Mode

To access files on an inserted SD card via your PC:

a. Connect the "USB-C Port for Streaming" on the dock to a USB port on your computer.
b. Toggle the "Capture/Card Reader Modes Switch" to the card reader mode.
c. The SD card will appear as a removable drive on your computer, allowing you to transfer files.

Maintenance

- Keep the device dry and away from excessive heat or cold.
- Clean the exterior with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Ensure ports are free of dust and debris. Use compressed air if necessary.
- Store the dock in a safe place when not in use to prevent physical damage.

Troubleshooting

Problem	Possible Cause / Solution
No display output on external monitor.	Ensure HDMI cable is securely connected to both the dock and the display. Verify the display is set to the correct HDMI input. Check if the connected device (e.g., Steam Deck) is configured to output to an external display. Ensure the dock is receiving adequate power (65W recommended).
Image flickering or jittering.	Ensure all cables (HDMI, USB-C power, device connection) are securely connected. Try a different HDMI cable, preferably a high-speed one. Reduce the display resolution or refresh rate on your connected device to see if the issue persists. Ensure the dock is receiving stable power.
Device does not fit into the dock.	The dock supports devices with a thickness up to 21.5mm (0.846 inches). Remove any protective cases from your device before docking.
Recording to SD card fails or is corrupted.	Ensure the SD card is properly inserted and formatted (e.g., exFAT or FAT32). Check if the SD card has sufficient free space. Try a different SD card. Ensure the dock is in the correct recording mode.
Peripherals (keyboard/mouse) not working.	Ensure peripherals are connected to the USB 3.2 ports. Verify the peripherals are functioning correctly when connected directly to your device or another computer. Some devices may require specific drivers or settings for external peripherals.

Specifications

Attribute	Detail
Model Number	GC515
Product Dimensions	5.55 x 3.91 x 1.48 inches
Item Weight	6.3 ounces (0.18 Kilograms)
Brand	AVerMedia
Color	X'TRA GO - GC515 Black
Hardware Interface	USB 3.2 Gen 1
Compatible Devices	Laptops / PC, iPad, Valve Steam Deck / Steam Deck OLED, ASUS ROG Ally / Lenovo Legion Go, Mobile
Total USB Ports	5 (including USB-C ports)

Attribute	Detail
Number of Ports	7 (USB-C to Devices, USB-C Power, HDMI, 2x USB 3.2, USB-C Streaming, 3.5mm Audio, SD Card Slot)
Total HDMI Ports	1 (HDMI 2.0 4K60 Output)
Input Voltage	120 Volts (via power adapter)
UPC	850061690098
Manufacturer	AVerMedia Technologies Inc.
Country of Origin	China

Warranty and Support

For warranty information and technical support, please refer to the official AVerMedia website or contact AVerMedia customer service directly. Keep your proof of purchase for warranty claims.
Official AVerMedia Support: https://www.avermedia.com/support

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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