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## Ubiquiti Networks UC-Cast-US

# Ubiquiti UC-CAST-US Display Cast User Manual

Model: UC-Cast-US

## 1. INTRODUCTION

The Ubiquiti UC-CAST-US Display Cast is a compact device designed to transform any HDMI-compatible television display into a managed digital signage unit. It allows for the presentation of multimedia playlists created within the UniFi Connect ecosystem, offering a streamlined solution for digital content delivery.

## 2. SETUP

Follow these steps to set up your Ubiquiti UC-CAST-US Display Cast:

- 1. Connect to Display:** Plug the UC-CAST-US device into an available HDMI port on your television or display.
- 2. Power the Device:** The device can be powered in two ways:
  - **Power over Ethernet (PoE):** Connect an Ethernet cable from a PoE-enabled switch or injector to the "PoE IN" RJ45 port on the UC-CAST-US.
  - **USB-C Adapter:** Alternatively, connect a 5V DC, 1A USB-C power adapter (not always included, check package contents) to the USB-C port.
- 3. Network Connection:** Ensure the device has network connectivity. If using PoE, network is provided via the Ethernet cable. If using USB-C power, ensure the device is connected to a Wi-Fi network (configuration via UniFi Connect).
- 4. UniFi Connect Integration:** Access your UniFi Connect application to discover and manage the newly connected Display Cast device. Follow the on-screen instructions within UniFi Connect to complete the setup and assign content playlists.



Figure 1: Rear view of the Ubiquiti UC-CAST-US Display Cast showing the PoE IN port, USB-C power input, and Reset button.

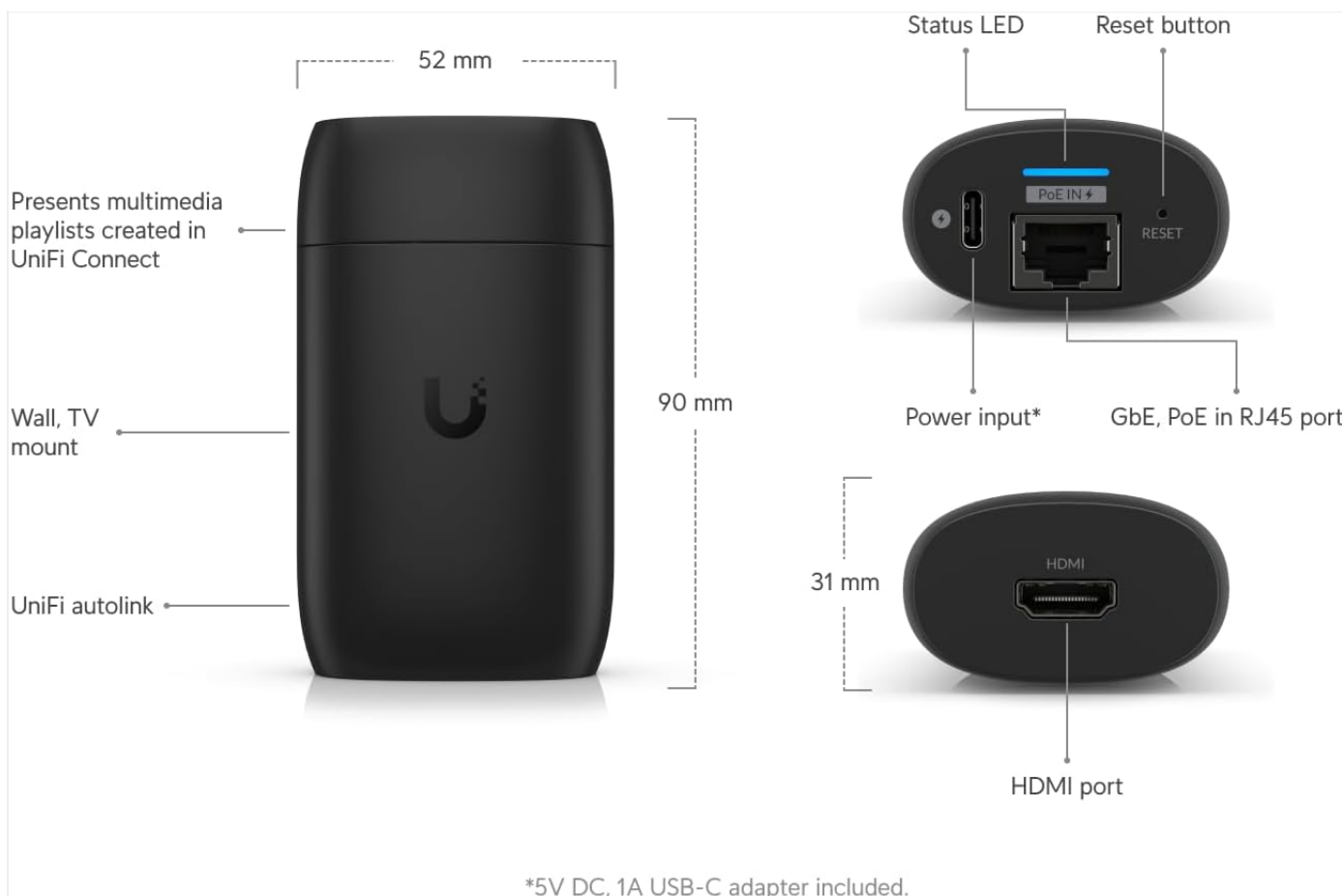


Figure 2: Detailed diagram of the Ubiquiti UC-CAST-US Display Cast, illustrating its dimensions and labeling the Status LED, Reset button, Power input (USB-C), GbE PoE IN RJ45 port, and HDMI port.

### 3. OPERATING INSTRUCTIONS

The Ubiquiti UC-CAST-US Display Cast is managed through the UniFi Connect application. Once set up, it will

automatically display content assigned to it.

- **Content Management:** Use the UniFi Connect application to create and manage multimedia playlists. These playlists can include various forms of digital content such as images, videos, and web pages.
- **Playlist Assignment:** Assign specific playlists to your UC-CAST-US device(s) within the UniFi Connect interface. The device will then retrieve and display the content according to the playlist schedule.
- **Resolution:** The device supports up to 4K resolution for content playback, ensuring high-quality visuals on compatible displays.
- **Remote Control:** While the primary management is via UniFi Connect, some basic functions might be accessible via a remote control (if included or compatible, refer to UniFi Connect documentation for specifics).

## 4. MAINTENANCE

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To ensure optimal performance and longevity of your UC-CAST-US Display Cast:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or aerosols that may damage the components.
- **Firmware Updates:** Regularly check for and apply firmware updates through the UniFi Connect application. Updates often include performance improvements, security enhancements, and new features.
- **Environmental Conditions:** Operate the device within recommended temperature and humidity ranges to prevent overheating or damage.
- **Cable Management:** Ensure all cables are securely connected and not under strain to prevent accidental disconnections or damage.

## 5. TROUBLESHOOTING

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If you encounter issues with your UC-CAST-US Display Cast, consider the following:

- **No Display Output:**
  - Verify the HDMI cable is securely connected to both the Display Cast and the TV.
  - Ensure the TV input source is set to the correct HDMI port.
  - Check if the device is receiving power (Status LED should be active).
- **Device Not Appearing in UniFi Connect:**
  - Confirm network connectivity (Ethernet or Wi-Fi).
  - Ensure the UniFi Connect application is up-to-date and running correctly.
  - Try restarting the UC-CAST-US device by disconnecting and reconnecting power.
- **Content Not Updating:**
  - Check the network connection of the device.
  - Verify the playlist assignment and schedule within UniFi Connect.
  - Ensure the content files are valid and accessible.
- **Regional Compatibility:** Be aware that different regional versions of the product may have specific firmware or power adapter requirements. Ensure your device is compatible with your region's standards. For example, a "US" model is designed for US power and firmware.
- **Resetting the Device:** If issues persist, locate the Reset button (refer to Figure 2) and use a paperclip to press and hold it for approximately 5-10 seconds until the device restarts. This will restore factory default settings.

## 6. SPECIFICATIONS

Feature	Detail
Brand Name	Ubiquiti Networks
Model Name	UC-Cast-US
Item Model Number	UC-Cast-US
Product Dimensions	1 x 1 x 1 inches (approximately)
Item Weight	1.28 pounds
Color	Black
Connectivity Technology	HDMI
Connector Type	USB
Special Feature	Transforms TV display into managed digital signage device
Resolution	4K
Supported Internet Services	YouTube (as listed in source, actual services may vary based on UniFi Connect)
Controller Type	Remote Control (as listed in source, primary control via UniFi Connect)
Form Factor	Compact streaming media player design, typically resembling a small box or stick
Power Input	PoE in or USB-C adapter power (5V DC, 1A)

## 7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Ubiquiti Networks website or contact their customer service. Warranty terms and conditions may vary by region and product. Keep your proof of purchase for warranty claims.

**Online Resources:** Visit [ui.com](https://ui.com) for product documentation, firmware downloads, and community forums.

