C2G 29455

C2G 29455 HDMI Over Coax Receiver Instruction Manual

Model: 29455 | Brand: C2G

Overview Features Package Contents Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Overview

The C2G 29455 HDMI Over Coax Receiver is designed to work in conjunction with an HDMI Over Coax Extender Transmitter (sold separately) to distribute HDMI signals over a single RG6 coaxial cable. This receiver allows for the extension of high-definition audio and video to multiple displays, making it suitable for digital signage systems or multi-display setups. Up to eight receivers can be daisy-chained from each output of the HDMI Over Coax Extender Transmitter, supporting a total of sixteen displays.



Figure 1: C2G 29455 HDMI Over Coax Receiver with power adapter, BNC connectors, and mounting brackets.

2. Features

- Extends HDMI signals over RG6 coaxial cable.
- Supports daisy-chaining of up to eight receivers per transmitter output.
- Enables connection to up to sixteen displays from a single transmitter.
- Ideal for digital signage and multi-display applications.
- Utilizes standard RG6 coaxial cable for connectivity.

3. Package Contents

Verify that all items are present and in good condition upon opening the package:

- C2G 29455 HDMI Over Coax Receiver Unit
- Power Adapter
- Mounting Brackets (2)
- BNC Connectors (2)
- Instruction Manual (this document)



Figure 2: The C2G 29455 HDMI Over Coax Receiver and its accessories as typically included in the package.

4. Setup Instructions

Follow these steps to properly set up your C2G 29455 HDMI Over Coax Receiver:

1. **Connect the Coaxial Cable:** Connect an RG6 coaxial cable from the BNC output of the HDMI Over Coax Extender Transmitter (or a preceding receiver in a daisy-chain) to the **SDI IN** BNC port on the C2G 29455 Receiver. Ensure the connection is secure.
2. **Connect to Display:** Connect an HDMI cable from the **HDMI OUT** port on the receiver to an HDMI input port on your HDTV, projector, or monitor.
3. **Daisy-Chaining (Optional):** If connecting additional receivers, connect another RG6 coaxial cable from the **SDI OUT** BNC port of the current receiver to the **SDI IN** BNC port of the next receiver in the chain. Repeat step 2 for each additional receiver.
4. **Connect Power:** Connect the provided power adapter to the **DC/5V** power input on the receiver, then plug the adapter into a standard electrical outlet. The power indicator light should illuminate.
5. **Verify Signal:** Power on all connected devices (transmitter, receiver(s), and displays). The display(s)

connected to the receiver(s) should show the HDMI signal from the source.



Figure 3: Rear panel of the receiver, highlighting the SDI IN, SDI OUT, HDMI OUT, and Power ports for connection.



Figure 4: Another view of the receiver's rear panel, providing a clearer perspective of the various input and output connections.

5. Operation

Once the C2G 29455 HDMI Over Coax Receiver is properly set up and powered on, it operates automatically to receive and output the HDMI signal. No user configuration is typically required on the receiver unit itself.

- **Power Indicator:** A power LED on the unit indicates that the receiver is receiving power.
- **Status Indicator:** A status LED may indicate the presence of an active signal. Refer to the specific LED behavior in the troubleshooting section if issues arise.
- **IR Control (if applicable):** If your system includes IR extension capabilities, ensure the IR TX and IR RX cables are correctly connected to their respective ports on the receiver and the source/display devices.

6. Maintenance

The C2G 29455 HDMI Over Coax Receiver requires minimal maintenance to ensure optimal performance and

longevity.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosols, as they may damage the device.
- **Ventilation:** Ensure the unit has adequate ventilation. Do not block any ventilation openings.
- **Cable Connections:** Periodically check all cable connections (coaxial, HDMI, power) to ensure they are secure and free from damage.
- **Environment:** Operate the receiver in a dry, well-ventilated area, away from extreme temperatures, humidity, and direct sunlight.

7. Troubleshooting

If you encounter issues with your C2G 29455 HDMI Over Coax Receiver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No video or audio on display.	◦ Loose cable connections. ◦ No power to receiver or transmitter. ◦ Incorrect input selected on display. ◦ Coaxial cable length exceeds maximum. ◦ Faulty HDMI or coaxial cable.	◦ Ensure all HDMI, coaxial, and power cables are securely connected. ◦ Verify power adapters are plugged in and power LEDs are on for both receiver and transmitter. ◦ Select the correct HDMI input on your display. ◦ Check that the RG6 coaxial cable length does not exceed 160 feet. ◦ Test with different cables if possible.
Intermittent signal or poor picture quality.	◦ Poor quality coaxial cable. ◦ Excessive cable length. ◦ Interference.	◦ Use high-quality RG6 coaxial cable. ◦ Ensure cable length is within specifications. ◦ Keep the unit away from sources of electromagnetic interference.
Power LED is off.	◦ Power adapter not connected or faulty. ◦ Power outlet not working.	◦ Check power adapter connection to the unit and wall outlet. ◦ Test the power outlet with another device. ◦ If possible, try a different compatible power adapter.

8. Specifications

Attribute	Detail
Model Number	29455
Brand	C2G
Product Type	HDMI Over Coax Receiver

Attribute	Detail
Input	BNC (for RG6 Coaxial Cable)
Output	HDMI, BNC (for daisy-chaining)
Max. Extension Length	Up to 160 feet (using RG6 coaxial cable)
Daisy-Chain Capability	Up to 8 receivers per transmitter output
Dimensions	29.21 x 6.35 x 20.32 cm
Weight	915.35 g
Power Supply	DC/5V (via included power adapter)
Country of Origin	China

9. Warranty and Support

C2G products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official C2G website. For technical support, product inquiries, or assistance with troubleshooting, please contact C2G customer service through their official channels.
Online Resources: For additional information, FAQs, and support documentation, please visit theC2G Official Website.

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