C2G 40430

C2G 40430 Infrared Remote Control Repeater Kit User Manual

Model: 40430

1. Introduction

The C2G 40430 Infrared (IR) Remote Control Repeater Kit allows you to control audio/video components that are hidden from direct line of sight, such as those located inside cabinets or closets. This kit extends the IR signals from your standard remote control to your equipment, ensuring seamless operation without needing to open cabinet doors or expose devices.

2. Package Contents

Verify that all components are present in your C2G 40430 kit:

- IR Distribution Block (Repeater)
- Mini IR Receiver with 9-foot cable
- 2 Dual IR Emitters (total of 4 emitter heads)
- AC/DC Power Adapter (12VDC)

3. Setup and Installation

Follow these steps to set up your IR Remote Control Repeater Kit:

3.1 Connect the IR Receiver

Place the Mini IR Receiver in a central location where it has a clear line of sight to your remote control. Connect its 9-foot cable to the "IR RECEIVER" port on the IR Distribution Block.



Figure 1: Mini IR Receiver. This component receives signals from your remote control.



Figure 2: IR Distribution Block with labeled ports. Connect the IR Receiver to the designated port.

3.2 Connect the IR Emitters

The kit includes two dual IR emitters, providing four emitter heads. Connect these emitters to the "EMITTERS" ports (1-6) on the IR Distribution Block. Place each emitter head directly over the IR sensor of the audio/video component you wish to control. Ensure the emitter head is securely positioned over the component's IR window for optimal performance.



Figure 3: IR Distribution Block showing emitter output ports. Emitters connect here.

3.3 Power Connection

Connect the included AC/DC Power Adapter to the "12VDC" power input on the IR Distribution Block, then plug the adapter into a standard electrical outlet.



Figure 4: AC/DC Power Adapter. Provides power to the IR Distribution Block.

3.4 Mounting the IR Distribution Block

The IR Distribution Block is designed for shelf or wall mounting. Secure it in a convenient location near your hidden components, ensuring cables can reach all necessary connections.



Figure 5: IR Distribution Block. Can be mounted on a shelf or wall.

3.5 Setup Overview Video

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Video 1: An overview of the C2G 40430 Infrared Remote Control Repeater Kit, demonstrating its components and basic functionality.

4. Operation

Once all connections are made and the unit is powered on, the system is ready for use. Point your standard remote control at the Mini IR Receiver. The IR Receiver and the IR Distribution Block feature blinking blue LEDs to confirm that an IR signal has been received and is being repeated to your components. You can now control your hidden audio/video devices as if they were in direct line of sight.

5. Troubleshooting

- **No Response from Components:**
  - Ensure the AC/DC adapter is properly connected and powered.
  - Verify that the Mini IR Receiver's blue LED blinks when you press buttons on your remote.
  - Check that the emitter heads are directly and securely placed over the IR sensors of your components.
  - Confirm all cables are firmly connected to the IR Distribution Block.
- **Interference with Plasma Displays:**
  - Plasma displays emit IR frequencies that can interfere with the IR receiver. If you experience issues, reposition the Mini IR Receiver away from the plasma display or shield it to minimize interference.
- **Limited Control Range:**
  - Ensure the Mini IR Receiver is not obstructed and has a clear line of sight to your remote control.
  - Check for any strong light sources (e.g., direct sunlight, bright halogen lights) that might be interfering with the IR signal.

6. Specifications

Feature	Specification
Brand	C2G
Model Number	40430
Wireless Communication Standard	Infrared
Color	Black
IR Receiver Dimensions (L x W x H)	2.25" x 0.5" x 0.5"
IR Receiver Cable Length	9 feet
IR Repeater Block Dimensions (L x W x H)	2.5" x 2.25" x 1"
Power Requirement	12VDC (AC/DC Adapter Included)
Number of Devices Controlled	4 (expandable to 12 with additional emitters)

Emitter Cable Length (Dual Emitter "Y" Cable)	9 feet overall, final 3 feet separate
Item Weight	0.6 Pounds

7. Warranty and Support

This C2G 40430 Infrared Remote Control Repeater Kit comes with a **1-Year Warranty** from the date of purchase. For technical support, replacement components, or warranty claims, please visit the official C2G website or contact their customer service. Replacement components such as the 10ft Infrared Receiver with 3.5mm Plug (#98045), 10ft Single Infrared Emitter Cable (#40432), and 10ft Dual Infrared Emitter Cable (#40433) may be available for purchase.

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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.

Submit question

Answered questions about this manual

What does it mean if a blue light blinks radically on the C2G 40430 infrared receiver?

On the C2G 40430 Infrared Remote Control Repeater Kit, a blinking blue LED is normally a positive indicator that the system has received an IR signal and is repeating it to your components. However,...

Read full answer