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› Cable Matters Infrared Remote Extender Cable User Manual

Cable Matters 203002-10

Cable Matters Infrared Remote Extender Cable User Manual

Model: 203002-10

Brand: Cable Matters

INTRODUCTION

The Cable Matters Infrared Remote Extender Cable is designed to extend the signal of your infrared (IR) remote control, allowing you to operate audio/video devices that are concealed or out of direct line of sight. This cable is an ideal solution for home theater setups where equipment is stored in cabinets, closets, or behind wall-mounted televisions, ensuring seamless control without visual clutter.



Image: The Cable Matters Infrared Remote Extender Cable, showing the USB connector, IR Receiver, and IR Transmitter components.

PRODUCT FEATURES

- **IR Signal Extension:** Extends infrared signals from your remote control to a video source, such as a Blu-ray player, STB box, or receiver, enabling control from your TV viewing area.
- **Blue LED Indicator:** The IR Receiver bulb features a blue LED that illuminates to verify successful signal transmission, providing visual confirmation of operation.
- **Concealed Equipment Control:** Facilitates control of A/V equipment hidden in cabinets, closets, or behind wall-mounted TVs, enhancing the aesthetics of your entertainment setup.
- **Simple Installation:** Designed for easy setup, the IR Transmitter and Receiver cables include adhesive backing for secure and discreet mounting.
- **USB Powered:** The extender cable is powered via a 5V USB connection, utilizing an integrated 6-foot Y-cable. It can be connected to a TV's USB port or a dedicated USB wall charger (sold separately). Note: If the TV's USB port does not supply power when the TV is off, a USB wall charger is recommended.
- **Universal Compatibility:** Compatible with most audio/video equipment that utilizes infrared sensors. Please note,

this extender is **not** compatible with RF (Radio Frequency) remote control devices.

- **Optimal Signal Range:** Supports an IR signal range of up to 15 feet, with the IR Receiver offering a 30-degree reception angle for flexible remote control aiming.
- **Interference Considerations:** For best performance, position the IR receiver away from potential sources of interference such as Wi-Fi routers or CFL bulbs.

PACKAGE CONTENTS

- 1 x Cable Matters Infrared Remote Extender Cable (10 Feet)

SETUP INSTRUCTIONS

1. **Identify Components:** The cable consists of a USB power connector, an IR Receiver (larger bulb with blue LED), and an IR Transmitter (smaller bulb).
2. **Connect Power:** Plug the USB connector into a 5V USB power source. This can be a USB port on your TV or a dedicated USB wall charger. Ensure the power source provides continuous power if you intend to control devices when the TV is off.
3. **Position IR Receiver:** Place the IR Receiver in a location where it has a clear line of sight to your handheld remote control. This is typically near your TV or in your viewing area. The receiver has a 30-degree reception angle, offering flexibility. Use the adhesive backing to secure it if desired.

IR Receiver for a Hand-Held Remote



Image: The IR Receiver, designed to capture signals from your remote control, showing its 30-degree reception angle.

- Position IR Transmitter:** Locate the IR sensor on the device you wish to control (e.g., Blu-ray player, cable box). Place the IR Transmitter directly in front of or very close to this sensor, ideally within 5 inches (13 cm). Use the adhesive backing to secure the transmitter.



Image: The IR Transmitter, positioned to send signals to the IR sensor of a source device like an audio receiver.

5. **Cable Management:** Route the cables discreetly to maintain a tidy setup. The lightweight design allows for easy concealment.

Simple installation

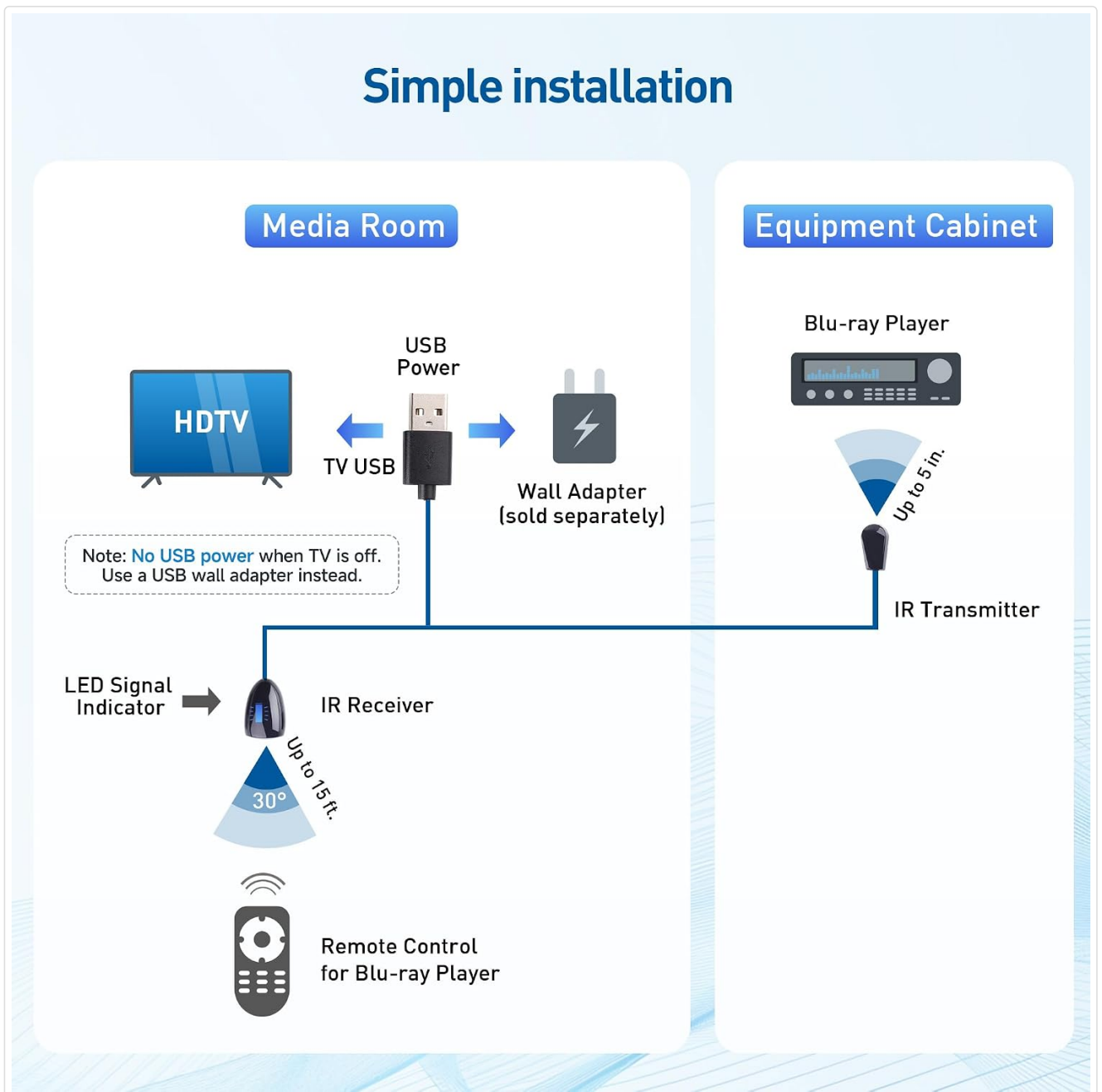


Image: A diagram illustrating the simple installation process, showing the connection from the TV's USB port to the IR Receiver and then to the IR Transmitter near the Blu-ray player.

OPERATING INSTRUCTIONS

Once the Cable Matters Infrared Remote Extender Cable is properly set up, operating your devices is straightforward:

- Point your standard IR remote control towards the IR Receiver.
- The blue LED on the IR Receiver will briefly illuminate, indicating that it has received the signal from your remote.
- The signal is then transmitted via the cable to the IR Transmitter, which re-emits the signal to your hidden device.
- Your device should respond as if you were pointing the remote directly at it.

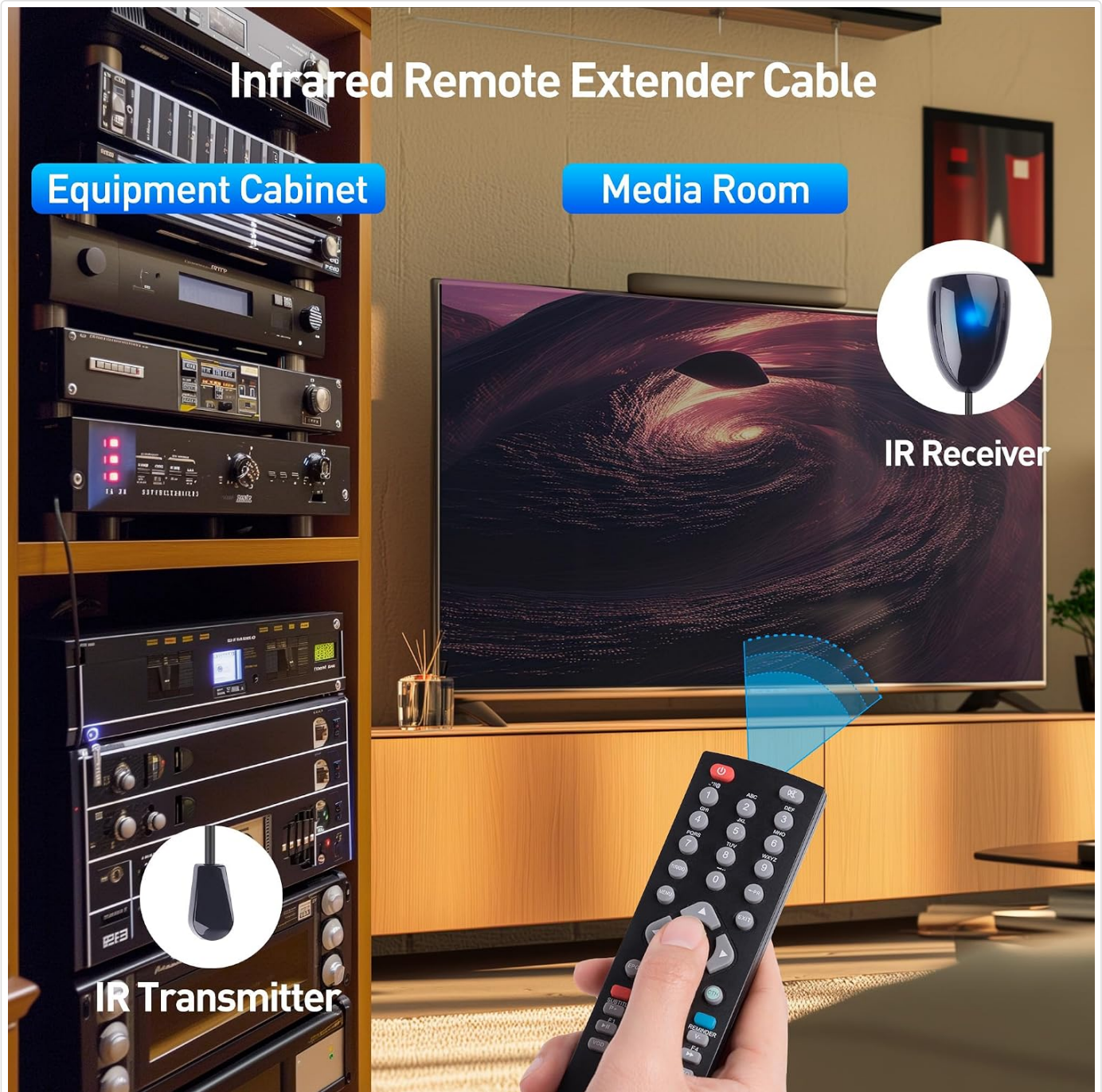


Image: An illustration showing how the IR Receiver and Transmitter work together to control devices in an equipment cabinet from a media room.

TROUBLESHOOTING

If you experience issues with your Infrared Remote Extender Cable, please refer to the following common solutions:

- **No Response from Device:**

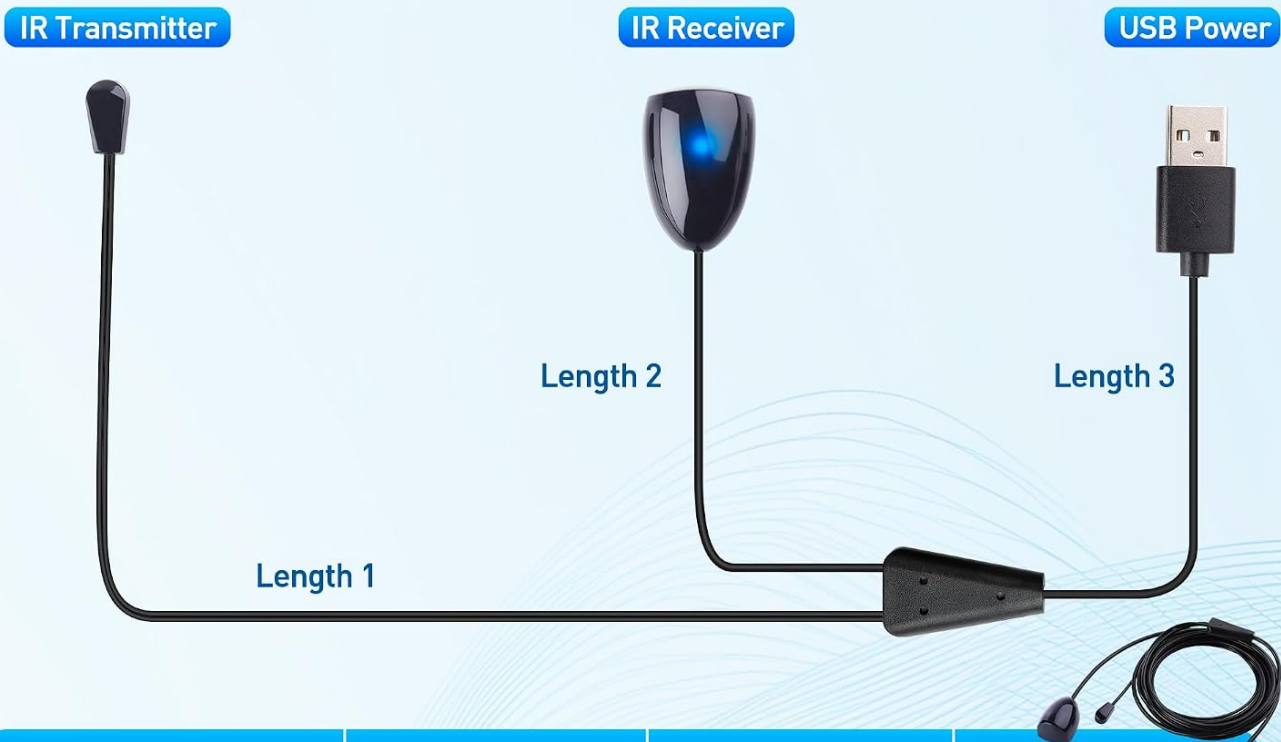
- Ensure the USB power cable is securely connected and receiving power. The blue LED on the IR Receiver should light up when a signal is detected.
- Verify that the IR Receiver has a clear line of sight to your remote control.
- Confirm that the IR Transmitter is positioned directly in front of and very close to the IR sensor of your target device. The transmitter needs to be within 5 inches of the device's IR eye.
- Check if your remote control uses IR (Infrared) technology. This extender is not compatible with RF (Radio Frequency) remotes.

- **Limited Signal Range or Intermittent Control:**
 - Reposition the IR Receiver to ensure it is not obstructed and has the best possible line of sight to your remote.
 - Ensure the IR Transmitter is securely placed and aligned with the device's IR sensor.
 - Move the IR Receiver away from potential sources of interference, such as Wi-Fi routers, fluorescent lights (CFL bulbs), or direct sunlight, which can disrupt IR signals.
 - The maximum effective range is up to 15 feet. If you are beyond this distance, performance may degrade.
- **Blue LED on Receiver Not Lighting Up:**
 - Confirm the USB power source is active and providing 5V power.
 - Test your remote control directly with the device to ensure the remote itself is functioning correctly.

SPECIFICATIONS

Brand	Cable Matters
Model Name	203002-10
Cable Length	10 Feet (3.0 meters)
Connector Type	USB Type A
Cable Type	USB (for power)
Compatible Devices	DVD Player, Television, STB Box, Receiver, and other A/V equipment with IR sensors (not RF)
IR Frequency	60 KHz
IR Signal Range	Up to 15 feet (4.6 meters)
IR Receiver Angle	30 degrees
Power Input	5V USB
Item Weight	0.01 ounces
Product Dimensions	9.4 x 6.4 x 0.5 inches

Lightweight Extender Cable



Size	Length 1	Length 2	Length 3
1.8m / 6ft	1.8m / 6ft	0.9m / 3ft	0.9m / 3ft
3.0m / 10ft	3.0m / 10ft	0.9m / 3ft	0.9m / 3ft
4.6m / 15ft	4.6m / 15ft	0.9m / 3ft	0.9m / 3ft
7.6m / 25ft	7.6m / 25ft	0.9m / 3ft	0.9m / 3ft

Image: Diagram illustrating the various lengths of the IR Transmitter, IR Receiver, and USB power cables for different product sizes.

MAINTENANCE

To ensure the longevity and optimal performance of your Cable Matters Infrared Remote Extender Cable, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the IR Receiver and Transmitter bulbs with a soft, dry cloth to remove dust or smudges. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, store the cable in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid excessive bending or pulling on the cable, especially near the connectors and bulbs, to prevent internal damage.
- **Environment:** Keep the cable away from liquids and high humidity.

WARRANTY AND SUPPORT

For detailed information regarding the product warranty, technical support, or to access additional resources, please visit the official Cable Matters website or contact their customer service department. Keep your purchase receipt for warranty claims.

Website: www.cablematters.com

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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