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Cable Matters 203002-15

Cable Matters Infrared Remote Extender Cable

Model: 203002-15 | **Brand:** Cable Matters

Introduction

The Cable Matters Infrared (IR) Remote Extender Cable is designed to extend the signal of your infrared remote control to audio/video (A/V) devices that are out of sight, such as those located in a closed cabinet or another room. This allows you to control your Blu-ray player, STB box, receiver, or other A/V sources without direct line of sight to the device itself. The kit includes an IR Receiver to pick up your remote's signal and an IR Transmitter to relay that signal to your hidden equipment.

Package Contents

- 1 x Cable Matters Infrared Remote Extender Cable (15 ft/4.5m)



Image of the Cable Matters Infrared Remote Extender Cable, showing the USB power connector, the IR receiver bulb with a blue LED indicator, and the smaller IR transmitter bulb.

Setup Guide

Follow these steps to properly set up your Infrared Remote Extender Cable:

1. **Identify Components:** The cable has three main parts: the USB power connector, the larger IR Receiver bulb (with a blue LED indicator), and the smaller IR Transmitter bulb.
2. **Position the IR Receiver:** Place the IR Receiver bulb in a location where it has a clear line of sight to your hand-held remote control. This is typically near your TV or in the room where you will be using the remote. The IR Receiver has a 30-degree reception angle and can receive signals up to 15 feet (4.6 meters) away. Ensure the IR receiver faces forward for optimal signal reception.



Diagram showing the optimal placement of the IR Receiver for a hand-held remote, indicating a 30-degree reception angle and a range of up to 15 feet (4.6 meters). A note advises keeping Wi-Fi routers away to avoid interference.

3. **Position the IR Transmitter:** Locate the IR sensor on your A/V source device (e.g., Blu-ray player, cable box). Place the IR Transmitter bulb directly in front of or very close to this sensor, ideally within 5 inches (13 cm). The IR Transmitter has an adhesive backing for secure placement.



Diagram showing the optimal placement of the IR Transmitter near a source device, indicating a range of up to 5 inches (13 cm) from the device's IR sensor.

4. **Connect USB Power:** Plug the USB connector into a 5V USB power source. This can be a USB port on your TV, a USB wall charger (sold separately), or any other compatible USB power adapter. Note that if using a TV's USB port, power may not be supplied when the TV is off.

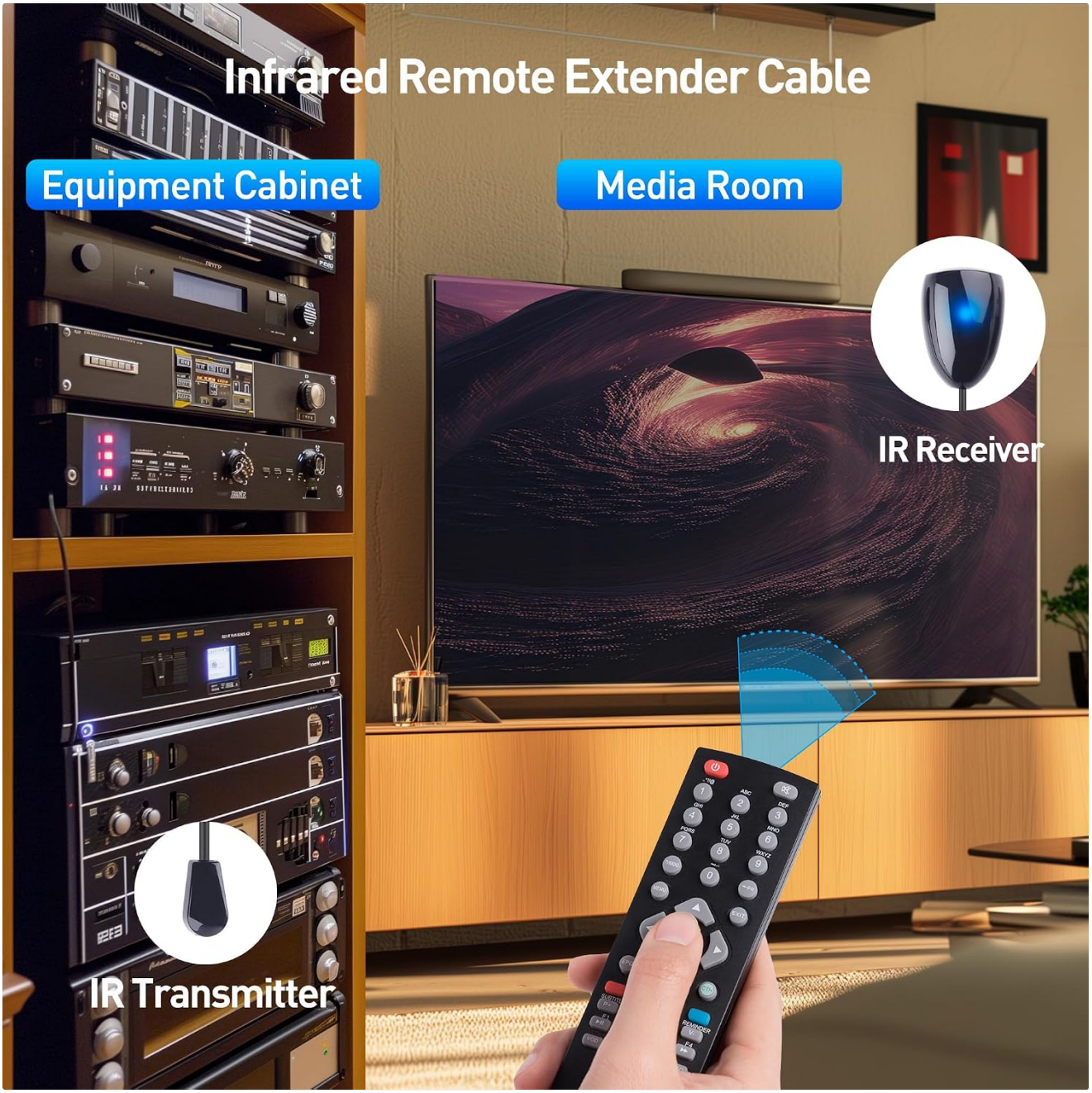
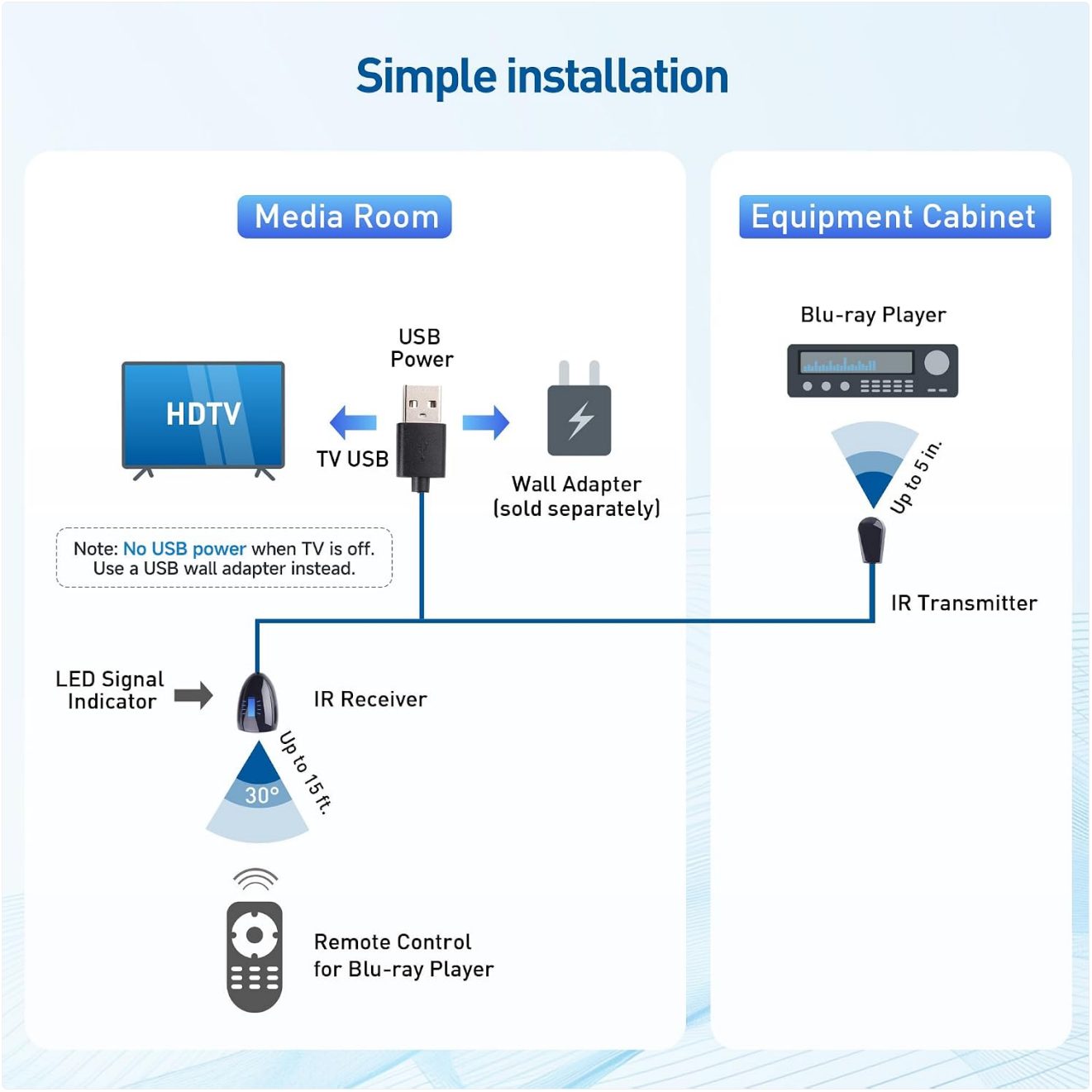


Image demonstrating the use of the Infrared Remote Extender Cable to control devices in an equipment cabinet from a media room. The IR Receiver is shown in the media room, and the IR Transmitter is shown inside the equipment cabinet near the devices.



Simplified installation diagram showing the connection flow: Remote Control → IR Receiver → USB Power (from TV or wall adapter) → IR Transmitter → Blu-ray Player. It highlights the LED signal indicator and the recommended placement distances.



Collage of images demonstrating simple installation: top left shows IR Transmitter near source, top right shows USB power from wall charger, bottom left shows IR Receiver with remote, bottom right shows USB power connection.

Operating Instructions

Once the IR Extender Cable is set up, operating your A/V devices is straightforward:

- Point your hand-held remote control towards the IR Receiver bulb.
- Press the desired buttons on your remote as you normally would.
- The IR Receiver will pick up the signal, and the blue LED indicator on the receiver will illuminate to confirm signal reception.
- The signal is then transmitted through the cable to the IR Transmitter, which re-emits the infrared signal to your A/V device.
- Your A/V device should respond as if the remote control were pointed directly at it.

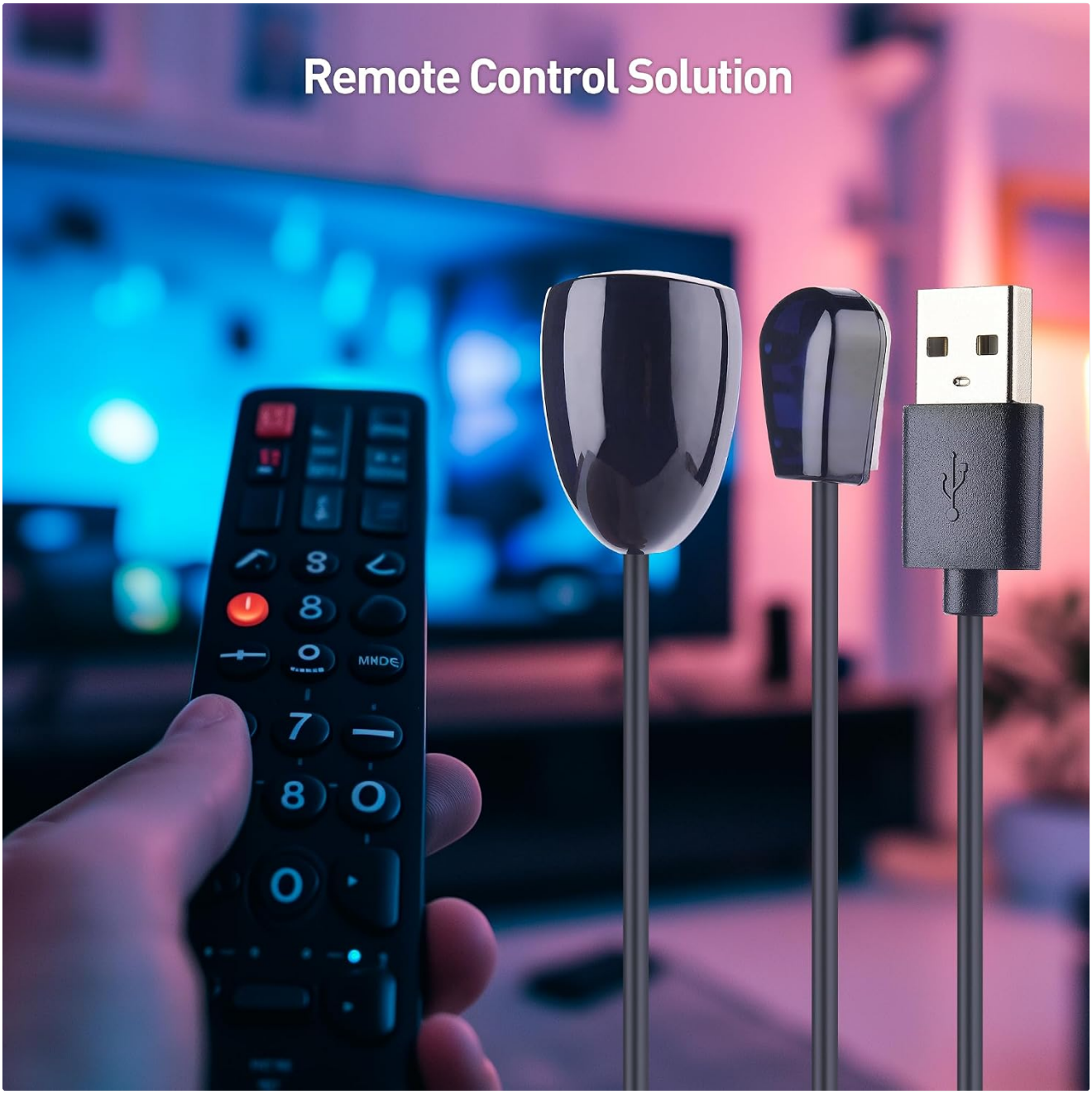


Image illustrating the remote control solution, with a hand holding a remote, pointing towards the IR receiver, and the IR transmitter and USB connector visible in the foreground.

Care and Maintenance

To ensure the longevity and optimal performance of your IR Remote Extender Cable, follow these simple care guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe the IR Receiver and Transmitter bulbs. Avoid using liquid cleaners or abrasive materials, as these can damage the sensors.
- **Placement:** Ensure the cable is not kinked or excessively bent, which could damage the internal wiring. Avoid placing the bulbs in direct sunlight or near strong heat sources.
- **Storage:** When not in use for extended periods, store the cable in a cool, dry place, away from dust and moisture.

Troubleshooting

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

Problem	Possible Cause	Solution
Remote control does not work with the A/V device.	No power to the extender; IR Receiver not in line of sight; IR Transmitter not aligned with device's IR sensor; Device's IR sensor location unknown.	Ensure USB power is connected and active (blue LED on receiver should light up). Reposition the IR Receiver for clear line of sight to your remote. Adjust the IR Transmitter's position to be directly in front of the A/V device's IR sensor (try different spots if unsure). Consult your A/V device's manual for IR sensor location.
Intermittent or delayed response from A/V device.	Weak signal reception; Interference from other devices; IR Transmitter not securely placed.	Ensure the IR Receiver is within optimal range and angle of your remote. Keep Wi-Fi routers and other strong signal emitters away from the IR Receiver. Securely attach the IR Transmitter using its adhesive backing to prevent movement.
Blue LED on IR Receiver does not light up.	No power; Faulty USB port or cable.	Check if the USB connector is fully inserted into a working 5V USB port. Try a different USB power source or wall adapter. If using a TV's USB port, ensure the TV is on and supplying power.

Technical Specifications

Feature	Detail
Brand	Cable Matters
Model Number	203002-15
Compatible Devices	Television, DVD Player, STB Box, Receiver, and other A/V equipment with IR sensors
Special Features	LED Signal Indicator
Number of Items	1
Cable Type	USB (for power)
Connector Type	IR (Infrared)
IR Receiver Angle	30 degrees
IR Receiver Range	Up to 15 ft (4.6 m)
IR Transmitter Range	Up to 5 in (13 cm) from device sensor

Feature	Detail
Power Source	5V USB
Parcel Dimensions	20.6 x 15.3 x 2.8 cm
Item Weight	60 g



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

Diagram illustrating the lightweight extender cable's components and lengths. It shows the IR Transmitter, IR Receiver, and USB Power, with a table detailing the lengths for different cable sizes (1.8m/6ft, 3.0m/10ft, 4.6m/15ft, 7.6m/25ft).

Warranty and Customer Support

Cable Matters products are backed by a limited warranty. For specific warranty terms and conditions, please refer to the product packaging or visit the official Cable Matters website. If you encounter any issues or require technical assistance, please contact Cable Matters customer support through their official channels.

Online Support: Visit the Cable Matters website for FAQs, troubleshooting guides, and contact information.

Email Support: Refer to the contact section on the Cable Matters website for email support options.

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