

ScreenBeam MWTV2KIT01

ScreenBeam MyWirelessTV2 Wireless HD Transmitter & Receiver Extender User Manual

Model: MWTV2KIT01

INTRODUCTION

The ScreenBeam MyWirelessTV2 system provides a wireless solution for transmitting high-definition video and audio from your HDMI-enabled media devices to an HDTV or projector. This system eliminates the need for long HDMI cables, offering flexibility in TV placement and reducing cable clutter. It supports Full HD 1080P resolution and 5.1 surround sound, with a range of up to 150 feet through walls, floors, and ceilings.

WHAT'S INCLUDED

Before beginning installation, please verify that all components are present in the package:

- 1 Wireless HD Transmitter
- 1 Wireless HD Receiver
- 2 Power Adapters
- 2 HDMI Cables
- 1 IR Blaster Cable
- 1 IR Receiver Extension Cable
- 2 Velcro Adhesive Mounts
- Quick Start Guide



Figure 1: Package Contents of MyWirelessTV2 Kit

SETUP INSTRUCTIONS

Follow these steps to set up your MyWirelessTV2 system:

1. **Connect the Transmitter:** Connect one end of an HDMI cable to the HDMI output of your media source (e.g., cable box, Blu-ray player, gaming console). Connect the other end of the HDMI cable to the **HDMI**

Input port on the MyWirelessTV2 Transmitter.

2. **Connect Transmitter Power:** Plug one power adapter into the **5V DC / 2A** port on the Transmitter and then into a power outlet. The Power LED on the transmitter will illuminate.
3. **Connect the Receiver:** Connect one end of the second HDMI cable to the **HDMI Out to TV** port on the MyWirelessTV2 Receiver. Connect the other end of the HDMI cable to an available HDMI input on your HDTV or projector.
4. **Connect Receiver Power:** Plug the second power adapter into the **5V DC / 2A** port on the Receiver and then into a power outlet. The Power LED on the receiver will illuminate.
5. **IR Blaster Setup (Optional):** If you wish to control your source device (e.g., cable box) from the TV location, connect the IR Blaster cable to the **IR Transmit** port on the Transmitter. Position the IR Blaster emitter directly over the IR sensor of your source device. Connect the IR Receiver Extension Cable to the **IR Ext.** port on the Receiver and place the IR receiver in a location where it can receive signals from your remote control.
6. **Power On Devices:** Ensure both the Transmitter and Receiver are powered on. Turn on your TV and select the correct HDMI input for the Receiver. The system will automatically establish a wireless connection.



Figure 2: Transmitter and Receiver Port Diagram

Your browser does not support the video tag.

Video 1: An introductory video demonstrating the ScreenBeam MyWirelessTV2, showing its application in various home entertainment scenarios and highlighting its ease of setup and use for wireless HD streaming.

OPERATING INSTRUCTIONS

Once the MyWirelessTV2 system is set up, it operates automatically. The Transmitter and Receiver will establish a connection and begin streaming content from your source device to your display.

Key Features:

- **High-Definition Streaming:** Enjoy clear 1080p60 HD video and 3D content.
- **Digital Audio:** Supports 5.1 digital audio for an immersive sound experience.
- **Extended Range:** Transmits signals up to 150 feet through walls, floors, and ceilings.
- **IR Remote Control Support:** Use your existing remote control to manage your source device from the TV location via the IR Blaster and Receiver cables.
- **Multi-Room Capability:** Sends live HD content wirelessly to up to 3 HDTVs simultaneously (additional receivers sold separately).
- **No Wi-Fi Required:** The system operates on its own wireless frequency, independent of your home Wi-Fi network.

Compatible Devices:

The MyWirelessTV2 system is compatible with a wide range of HDMI-enabled devices, including:

- Cable and Satellite Set-Top Boxes
- Blu-ray and DVD Players
- Gaming Consoles (e.g., Xbox, PlayStation)
- Streaming Media Devices

- Any device with an HDMI output



Figure 3: Compatible HDMI Devices



Figure 4: Indoor Wireless Setup Example



Figure 5: Outdoor Wireless Setup Example

MAINTENANCE

The MyWirelessTV2 system requires minimal maintenance. To ensure optimal performance and longevity:

- Keep the Transmitter and Receiver units clean by wiping them with a soft, dry cloth.
- Ensure proper ventilation around both units to prevent overheating. Avoid placing them in enclosed spaces without airflow.
- Protect the units from extreme temperatures, moisture, and direct sunlight.
- Periodically check all cable connections to ensure they are secure.

TROUBLESHOOTING

If you encounter issues with your MyWirelessTV2 system, refer to the following troubleshooting tips:

1. No Picture/Sound or Intermittent Signal:

- Ensure both the Transmitter and Receiver are powered on and their power LEDs are illuminated.
- Verify that all HDMI cables are securely connected to both the source device, Transmitter, Receiver, and TV.
- Confirm your TV is set to the correct HDMI input for the Receiver.
- Check the distance between the Transmitter and Receiver. While rated for up to 150 feet, environmental factors (thick walls, metal objects, other wireless devices) can reduce range. Try moving the units closer together.
- Experiment with the orientation and placement of both the Transmitter and Receiver. Sometimes a slight adjustment (e.g., placing a unit on its side) can improve signal strength.
- Minimize obstructions between the Transmitter and Receiver. Large metal objects, concrete walls, or multiple layers of building materials can interfere with the wireless signal.
- If the screen shows a 'Connecting to Transmitter' message for an extended period, try power cycling both the Transmitter and Receiver.

2. IR Remote Control Not Working:

- Ensure the IR Blaster cable is securely connected to the Transmitter and its emitter is positioned directly over the IR sensor of your source device.
- Verify the IR Receiver Extension Cable is connected to the Receiver and placed where it can clearly receive signals from your remote.
- Check for any obstructions between your remote control and the IR Receiver.

3. Picture Quality Issues (Fuzzy/Compressed):

- This can sometimes occur briefly upon initial connection or power-up. The system should quickly adjust to optimal quality. If it persists, refer to the signal troubleshooting steps above.

SPECIFICATIONS

Feature	Specification
Brand	ScreenBeam
Model Number	MWTV2KIT01
Connectivity Technology	Wireless
Connector Type	Plug In (HDMI)
Compatible Devices	Television, Projectors, HDMI-enabled media sources
Video Resolution	Up to 1080p60, 3D video
Audio Support	5.1 Digital Audio
Wireless Range	Up to 150 feet (line of sight, actual range varies with environment)
Output Wattage	5 Watts
Item Weight	10.4 ounces
Product Dimensions	4.8 x 4.3 x 1 inches
Color	Black
Batteries Required	1 Lithium Ion battery (for IR remote, not included with main units)

WARRANTY INFORMATION

For detailed warranty information regarding your ScreenBeam MyWirelessTV2, please refer to the official ScreenBeam website or the warranty card included with your product. Warranty terms and conditions may vary by region and retailer.

CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please visit the official ScreenBeam support website for FAQs, software updates, and contact information for technical support.