

## TIMBOOTECH G70

# TIMBOOTECH G70 Wireless HDMI Transmitter and 4 Receivers User Manual

Model: G70 | Brand: TIMBOOTECH

## 1. INTRODUCTION

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The TIMBOOTECH G70 Wireless HDMI Transmitter and 4 Receivers kit provides a seamless solution for wirelessly mirroring audio and video content to multiple displays. This system is designed for various applications, including meetings, educational settings, home theaters, retail showcases, and camera shooting, offering a cable-free environment for multi-screen mirroring. It supports 4K input decoding and delivers a maximum output resolution of 1920×1080@60Hz with minimal latency.

## 2. PACKAGE CONTENTS

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Please verify that all items listed below are included in your package:

- 1 x Transmitter (TX)
- 4 x Receivers (RX)
- 1 x Micro-HDMI Adapter
- 1 x Mini-HDMI Adapter
- 5 x HDMI Cables
- 5 x USB-C Cables
- 1 x User Manual

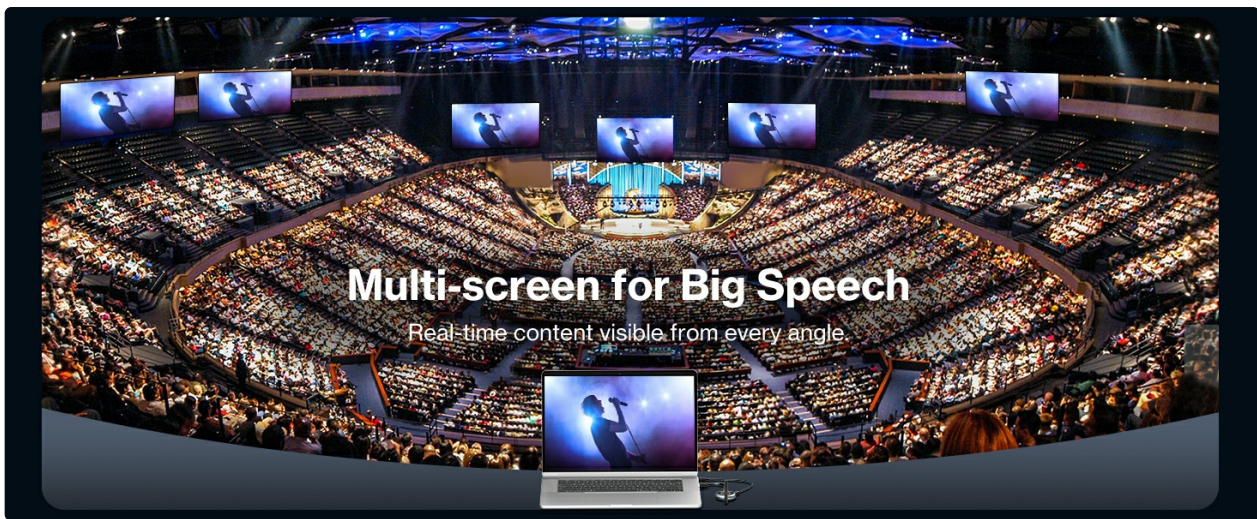


Image: The complete package contents of the TIMBOOTECH G70 Wireless HDMI Kit, including the transmitter, receivers, various cables, and adapters.

### 3. PRODUCT OVERVIEW

The TIMBOOTECH G70 system consists of a transmitter (TX) and multiple receivers (RX) designed for high-definition wireless video and audio transmission.

#### Key Features:

- **Real-Time Mirroring:** Simultaneously mirror content to up to 8 TVs or mobile devices.
- **High-Definition Output:** Supports 4K input decoding and delivers 1080P@60Hz Full HD output.
- **Plug and Play:** Factory pre-paired for immediate use without complex setup.
- **Extended Range:** Transmits video and audio up to 165 feet (50 meters) in open areas.
- **Low Latency:** Features a 5.8G high-speed transmission chip for a latency of just 0.1 seconds.
- **App Functionality:** Transform iOS/Android phones or tablets into additional monitors using the RScreen app.
- **Wide Compatibility:** Works with most HDMI sources and displays.

#### Compatibility:

The system is compatible with a broad range of devices:

- **Transmitter (TX) Sources:** Laptops, PCs, cameras, camcorders, DSLRs, TV boxes, gaming consoles (e.g., PS5).
- **Receiver (RX) Displays:** TVs, monitors, projectors.
- **App Function:** iOS and Android phones/tablets can act as additional screens.

The system supports HDCP, allowing streaming from platforms like Netflix, YouTube, Prime Video, Hulu, and more.

# Plug and Play

No cord, no hassle, 165FT long range, position your cable box or laptop anywhere



Image: A visual chart illustrating the wide compatibility of the TIMBOOTECH G70 Wireless HDMI system with various input sources and output displays, including app support.

## 4. SETUP INSTRUCTIONS

The TIMBOOTECH G70 kit is designed for a plug-and-play experience, with units pre-paired at the factory.

### 4.1 Basic Connection (Plug and Play)

1. **Connect Transmitter (TX):** Plug the transmitter into the HDMI output port of your source device (e.g., laptop, PC, TV box). Connect a USB-C cable to the TX unit and to a power source (e.g., USB port on your device or a USB power adapter).
2. **Connect Receiver (RX):** Plug a receiver into the HDMI input port of your display device (e.g., TV, monitor, projector). Connect a USB-C cable to the RX unit and to a power source (e.g., USB port on your display or a USB power adapter).
3. **Power On:** Ensure both the source device and display device are powered on. The transmitter and receiver will automatically connect within a few seconds.



Image: Step-by-step visual guide for connecting the transmitter to a laptop and the receiver to a display, highlighting the plug-and-play functionality.

## 4.2 Adding Additional Receivers

If you wish to use more than the pre-paired receivers (up to 8 total), follow these steps to pair a new receiver:

1. Connect the new receiver to a display and power it on.
2. On the transmitter, long-press the function button for 5 seconds to enter re-pair mode.
3. The new receiver will automatically detect and pair with the transmitter.

Video: Demonstrates how one transmitter can pair with up to four receivers or four touchscreens, showcasing the multi-device capability.

## 5. OPERATING INSTRUCTIONS

### 5.1 Multi-Screen Mirroring

Once the transmitter and receivers are connected and paired, your content will be mirrored across all connected displays. The system supports up to 8 displays simultaneously, providing a consistent viewing experience.



Image: A meeting room setup demonstrating a laptop transmitting content wirelessly to multiple wall-mounted displays, highlighting efficient multi-screen presentations.

Video: Shows a live broadcast being mirrored from a laptop to a large TV, an iPad, and two iPhones, demonstrating real-time, low-latency streaming to multiple screens.

## 5.2 Using the RScreen App (Mobile Device as Display)

The RScreen app allows you to use your iOS or Android phone/tablet as an additional display for the content being transmitted by the G70.

1. **Download the App:** Search for "RScreen" on your device's app store (Apple App Store or Google Play Store) and install it.
2. **Connect to Transmitter's Wi-Fi:** Plug the transmitter into your HDMI output device and power it. On your phone/tablet, go to Wi-Fi settings and connect to the network named "RScreen-xxxx" (where xxxx is a unique identifier). The default password is "12345678".
3. **Open RScreen App:** Launch the RScreen app. It should automatically detect and connect to the transmitter, mirroring the content.

Within the RScreen app, you can access various settings:

- **Display Mode:** Choose between "Fluent" (prioritizes smoothness) or "HD" (prioritizes image quality).
- **Receiver Manage:** Specify devices and manage connections/disconnections.
- **Channel Switching:** If you experience dropouts, select a Wi-Fi channel with fewer access points and a stronger signal (indicated by a longer green bar) for optimal performance.
- **Upgrade:** Check for and install the latest firmware updates.

## Plug and Play, Paired Before Factory



Image: A visual guide showing how to connect an iOS/Android device to the transmitter's Wi-Fi and use the RScreen app to mirror content, effectively turning the mobile device into an additional display.

Video: Instructions on how to download and use the RScreen app to turn a touchscreen device into a display, including connecting to the transmitter's Wi-Fi and managing settings.

## 6. TROUBLESHOOTING

If you encounter issues with your TIMBOOTECH G70 Wireless HDMI system, please refer to the following common solutions:

- **No Signal/Display:**

- Ensure both the transmitter (TX) and receiver (RX) units are properly connected to their respective HDMI ports and are receiving power via USB-C.
- Verify that the display device is set to the correct HDMI input source.
- Check all cable connections for looseness or damage.

- **Signal Drops or Buffering:**

- The system has a range of 165 feet (50 meters) in open areas. Performance may be affected by solid walls or other obstructions. Try reducing the distance between the TX and RX units.
- Use the RScreen app's "Channel Switching" feature to select a Wi-Fi channel with less interference (look for channels with longer green bars).
- Ensure there are no other strong 5.8Ghz wireless devices operating nearby that could cause interference.

- **App Not Connecting to Transmitter:**

- Confirm your mobile device is connected to the "RScreen-xxxx" Wi-Fi network provided by the transmitter.
- Double-check the Wi-Fi password (default is "12345678").
- Restart the RScreen app and try connecting again.

- **Audio Sync Issues:**

- While the system is designed for low latency (0.1 seconds), minor audio sync variations can

sometimes occur, especially with multiple receivers. Ensure all devices are within optimal range and consider adjusting display settings if available.

- **New Receiver Not Pairing:**

- Ensure the new receiver is powered on and connected to a display.
- Long-press the function button on the transmitter for 5 seconds to initiate re-pairing mode.

## 7. SPECIFICATIONS

Feature	Specification
Brand	TIMBOOTECH
Model Number	G70
Connectivity Technology	Wireless (5.8GHz)
Output Resolution	1920x1080@60Hz (supports 4K input decoding)
Transmission Range	165 feet (50 meters) in open areas
Latency	0.1 seconds
Compatible Devices	Laptops, PCs, cameras, camcorders, DSLRs, TV boxes, TVs, monitors, projectors
HDCP Support	Yes
App Support	iOS, Android (RScreen App)
Max Receivers	Up to 8 (or 8 touchscreens)
Video Encoding	H.264, H.265/HEVC
Audio Output Mode	Stereo, Surround (5.1 channel configuration)
Item Weight	0.61 Kilograms
Color	Silver

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your TIMBOOTECH G70 Wireless HDMI system, please follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the transmitter and receiver units. Avoid using

liquid cleaners or abrasive materials.

- **Storage:** When not in use for extended periods, store the devices in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the units and cables with care to prevent physical damage. Avoid bending cables sharply or applying excessive force to ports.
- **Ventilation:** Ensure the units have adequate ventilation to prevent overheating, especially during prolonged operation.

## 9. WARRANTY AND SUPPORT

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TIMBOOTECH is committed to customer satisfaction. Your G70 Wireless HDMI kit comes with the following:

- **30-Day Money-Back Guarantee:** A 30-day return and refund guarantee.
- **1-Year Free Replacement:** Guaranteed product quality with a 1-year free replacement policy.
- **24/7 Support:** Dedicated 24/7 customer support to address any issues you may encounter.

### Contact Information:

- **Email Support:** [support@aimibo.tv](mailto:support@aimibo.tv)
- **Website:** [www.aimibo.tv](http://www.aimibo.tv)
- **WhatsApp:** Refer to the QR code in the RScreen app or product display for WhatsApp contact.