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Lemorele G500

Lemorele Wireless HDMI Transmitter User Manual

Model: G500

1. Product Overview

The Lemorele Wireless HDMI Transmitter (Model G500) is designed for seamless high-definition video and audio transmission without the need for complex wiring. It supports both screen mirroring and extension modes, making it ideal for various applications including business presentations, educational lectures, and home entertainment. With its plug-and-play functionality and long-range wireless capabilities, it offers a convenient and tidy solution for connecting HDMI-compatible devices to displays.



Figure 1.1: The Lemorele Wireless HDMI Transmitter unit, featuring a compact design and integrated HDMI connector.

2. Product Components

The standard package for the Lemorele Wireless HDMI Transmitter (Model G500) includes the following items:

- 1 x Wireless HDMI Transmitter (TX unit)
- 1 x User Manual

Note: If you purchased a kit with a receiver (RX unit), it will also be included in your package.



Figure 2.1: Illustration of the package contents, showing the transmitter unit, user manual, and product box.

3. Setup Guide

The Lemorele Wireless HDMI Transmitter is designed for plug-and-play operation, requiring no complex software installations, Bluetooth, or Wi-Fi connections. Follow these simple steps to set up your device:

3.1 Initial Pairing (if applicable, for TX/RX kits)

1. **Step 1: Prepare the Receiver (RX)**
   If you have a receiver unit, connect it to your display (TV, projector, monitor) via an HDMI port. Ensure the receiver is powered, typically via a USB power source. Press and hold the receiver button for 3 seconds or more.
2. **Step 2: Receiver Pairing Mode**
   A prompt indicating 'Pairing...' will appear on your TV screen. Release the button on the receiver. The receiver is now waiting for the transmitter to enter pairing mode.
3. **Step 3: Pair the Transmitter (TX)**
   Connect the transmitter to your HDMI source device (laptop, PC, camera). Press and hold the transmitter function button for 5 seconds. The indicator light will flash quickly to initiate pairing. Wait for the transmitter's indicator light to stay on, confirming a successful connection.



Figure 3.1: Visual guide for the three-step pairing process between the transmitter and receiver units.

3.2 Powering the Transmitter

The Lemorele Wireless HDMI Transmitter features a built-in 2000mAh high-capacity battery, providing approximately 3.5-4 hours of uninterrupted use. This eliminates the need for an external power adapter when connected to most devices like laptops or mobile phones.



Figure 3.2: The transmitter unit in its charging dock, illustrating the 2000mAh battery capacity and estimated battery life.

When the transmitter is fully charged in its charging compartment, all four indicator lights will remain illuminated, allowing you to easily check the power level.

4. Operating Instructions

4.1 Screen Mirroring and Extension Modes

The device supports both screen mirroring (duplicating your source display) and screen extension (extending your desktop across multiple displays). These modes allow for flexible content projection from various HDMI-compatible devices to TVs, projectors, and other displays in high-definition.



Figure 4.1: The versatility of the system, illustrating how various source devices (Desktop PC, Laptop, TV box, Game Console) can

transmit to different display types (Monitor, TV, Projector).

4.2 Connecting Multiple Transmitters (8 TX to 1 RX)

For larger meetings or presentations, the Lemorele system supports connecting up to 8 transmitters to a single receiver simultaneously. This allows multiple presenters to share their content by simply clicking a button on their respective transmitters. Only one content stream can be mirrored to the HDTV at a time.

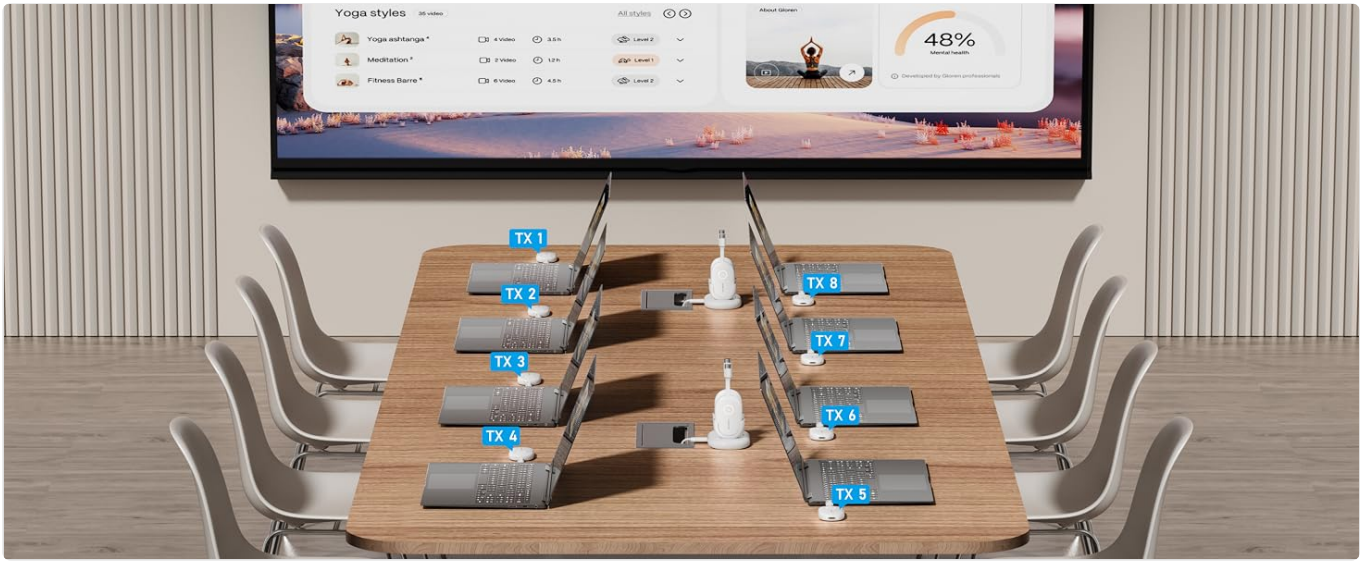


Figure 4.2: An example setup demonstrating multiple transmitter units (TX1-TX8) connected to laptops in a meeting room, all wirelessly transmitting to a single large display.

4.3 Wireless Transmission Range

Utilizing 5G band technology and a high-performance LDS antenna, the system ensures strong and stable connections over distances of up to 165 feet (50 meters). This provides lag-free streaming even in environments with some interference. Please note that physical obstacles like walls may slightly reduce the effective transmission range.

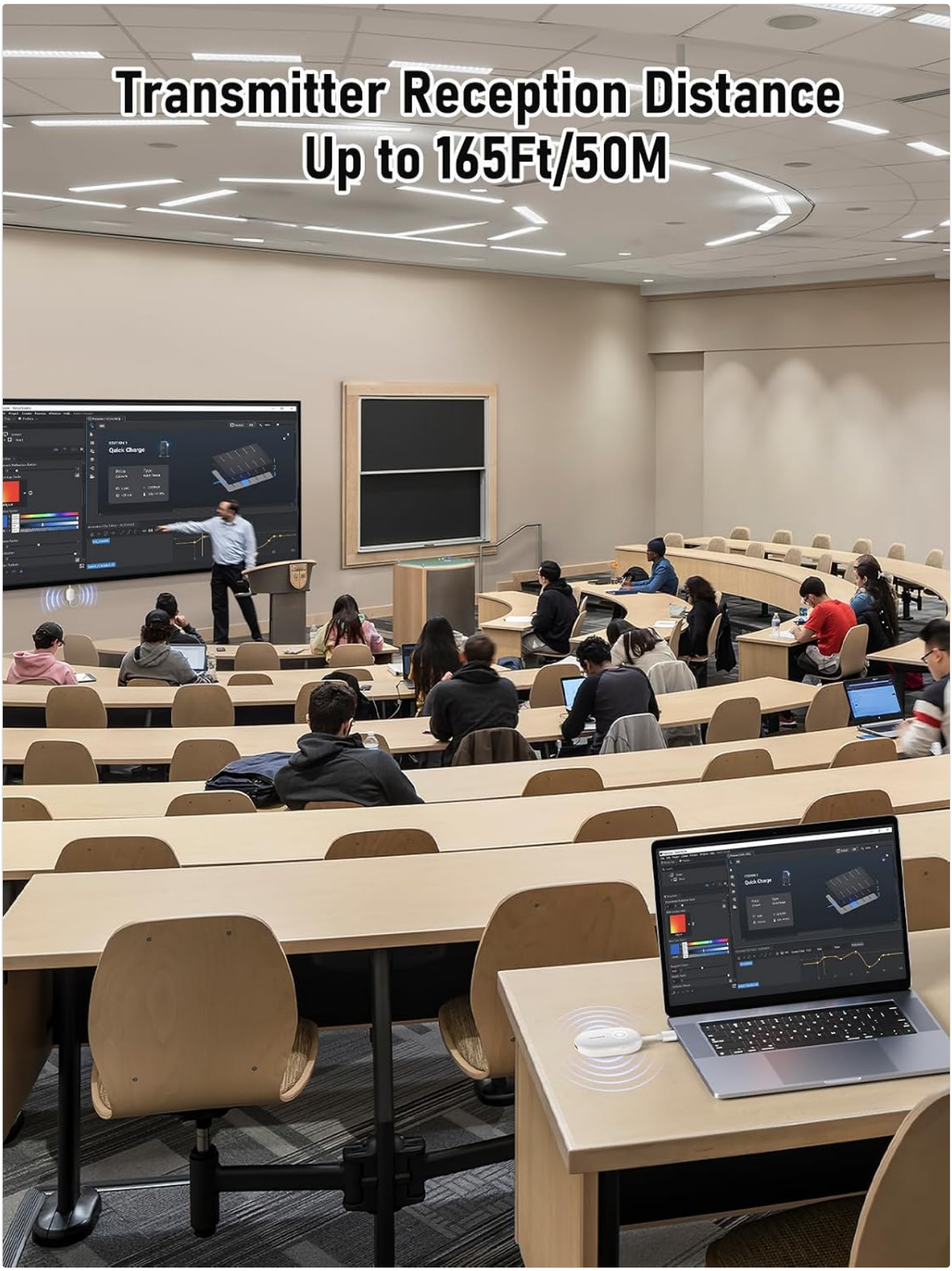


Figure 4.3: An illustration of the effective wireless transmission range in an open environment, highlighting the 165ft/50m capability.

4.4 High Definition Video Output

The Lemorele Wireless HDMI system supports ultra-high-definition output at 1080P/60Hz. This ensures clear, detailed, and stable images with rich colors, along with high and stable sound quality, providing an exceptional visual and auditory experience.

5. Maintenance

To ensure the longevity and optimal performance of your Lemorele Wireless HDMI Transmitter, follow these 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:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** For the transmitter's built-in battery, avoid fully discharging it frequently. Recharge the unit when the battery indicator shows low power.
- **Cable Management:** While the system reduces cable clutter, ensure any connected HDMI or USB cables are not kinked or strained.



Figure 5.1: The compact design of the units helps maintain a tidy workspace, especially in professional environments like meeting rooms.

6. Troubleshooting

If you encounter issues with your Lemorele Wireless HDMI system, please refer to the following common troubleshooting steps:

- **No Signal/Black Screen:**
  - Ensure both the transmitter and receiver are properly connected and powered on.
  - Verify that the HDMI source device is outputting a signal.
  - Check the input selection on your display (TV/projector) to ensure it's set to the correct HDMI port.
- **Poor Video/Audio Quality:**
  - Reduce the distance between the transmitter and receiver.
  - Remove any major obstructions (e.g., thick walls) between the units.
  - Ensure there are no strong sources of wireless interference nearby.
- **Connection Drops:**
  - Recharge the transmitter's battery if it's low.
  - Ensure the receiver has stable power.
  - Re-pair the transmitter and receiver if the connection is frequently lost.

6.1 Re-pairing Transmitter and Receiver

If you need to re-pair your receiver with a new or existing transmitter, follow these steps:

1. **Step 1: Reset Receiver**
   Press and hold the receiver's function button for over 5 seconds. A prompt will appear on the interface.
2. **Step 2: Reset Transmitter**
   Next, press and hold the transmitter's function button for over 5 seconds. The indicator light will flash rapidly to indicate that pairing has started. Wait for the transmitter's indicator light to remain steady, confirming a successful connection.



Figure 6.1: Visual instructions for re-pairing the transmitter and receiver units, showing the button press duration for each device.

7. Specifications

Feature	Specification
Brand	Lemorele
Model Number	G500
Product Dimensions	10.8L x 3.3W x 1.3H centimetres (10.8 x 3.3 x 1.3 cm)
Weight	130 g
Connectivity Technology	Wi-Fi (5G band)

Connector Type	HDMI
Resolution	1080p (1080P/60Hz)
Special Feature	5G wireless communication technology, Plug and Play
Transmitter Battery Capacity	2000mAh
Transmitter Battery Life	3.5-4 hours
Wireless Transmission Range	Up to 165 feet (50 meters)
Country of Origin	China

8. Warranty and Support

For information regarding product warranty, returns, or technical support, please refer to the official Lemorele website or contact your point of purchase. Keep your purchase receipt as proof of purchase for any warranty claims.

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