

[Manuals.plus](#) /

› [Elalight](#) /

› Elalight Wireless HDMI Transmitter and Receiver DT263W-C Instruction Manual

Elalight DT263W-C

Elalight Wireless HDMI Transmitter and Receiver DT263W-C Instruction Manual

Model: DT263W-C

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Elalight Wireless HDMI Transmitter and Receiver kit. This system is designed to extend HDMI signals wirelessly, offering a flexible solution for various audio and video transmission needs without the clutter of cables.

2. PACKAGE CONTENTS

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

- Wireless HDMI Transmitter (TX) x 1
- Wireless HDMI Receiver (RX) x 1
- Antennas x 4
- 5V/2A Power Adapter x 2
- USB-A to USB-C Cable x 2
- User Manual x 1

Packing list



Transmitter *1



Receiver *1



Antenna *4



5V/2A Power Adapter



USB-A to
USB-C cable *2



User Manual *1

Image: Contents of the Elalight Wireless HDMI Transmitter and Receiver kit.

3. PRODUCT FEATURES

- **Extended Transmission Range:** Supports wireless HDMI signal extension up to 500 meters (1640 feet) in open areas. Utilizes dual antennas and 2.4/5.8GHz high-speed WiFi transmission for stable signal. Note that walls, bricks, or glass can reduce signal range.
- **High-Quality Video:** Supports 4K decoding and Full HD 1080p @60Hz wireless transmission, delivering clear, stable, and smooth images with high sound quality. Features ultra-low latency (approximately 0.1s), suitable for real-time video but not recommended for ultra-low latency gaming.
- **Plug & Play Operation:** No software installation required. Connect the transmitter to your HDMI source and the receiver to your display for immediate use.
- **HDMI Loop Out:** The transmitter unit includes an HDMI local output, allowing you to connect a local display while simultaneously sending the signal wirelessly to the receiver.
- **Wide Compatibility:** Compatible with various HDMI-enabled devices such as laptops, Blu-ray players, set-top boxes, DVRs, cameras, TVs, monitors, and projectors. Ideal for home entertainment, office presentations,

conferences, teaching, and outdoor events.

- **Multi-Receiver Support:** One transmitter (TX) can connect to multiple receivers (RXs). Supports 1 TX to 1 RX (500m/1640ft), 1 TX to 2 RXs (400m/1312ft), 1 TX to 3 RXs (210m/985ft), and 1 TX to 4 RXs (190m/820ft). Maximum support for up to 6 RXs.
- **Camera-Friendly Design:** Features 1/4-inch screw holes on the top and bottom for easy mounting on cameras. Supports power via power banks, NP-F series batteries (not included), or USB-C ports for extended use.

High-Gain Antennas for Maximum Range

Compared to Standard Dual Antennas

Signal Strength augment **+30%**

Ours

Others

360° Adjustable Design for Maximum Flexibility



Image: High-gain antennas provide enhanced signal strength and flexibility.

Versatile Mounting Options for Easy Setup

Compatible with Cameras, Tripods, and More



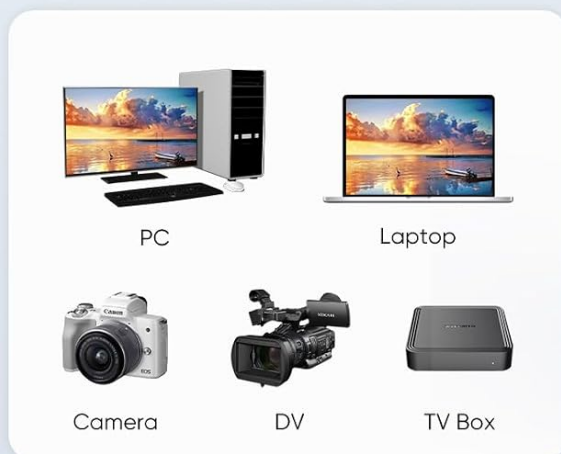
Image: Versatile mounting options for cameras and tripods using 1/4-inch screw holes.

4. SETUP INSTRUCTIONS

- 1. Attach Antennas:** Screw the provided antennas onto the designated ports on both the Transmitter (TX) and Receiver (RX) units. Ensure they are securely fastened.
- 2. Power Connection:**
 - Connect one end of the USB-A to USB-C cable to the 5V/2A power adapter and the other end to the USB-C power input port on the Transmitter (TX) unit. Plug the power adapter into an electrical outlet.
 - Repeat the power connection process for the Receiver (RX) unit.
 - Alternatively, for portable use, NP-F series batteries (not included) or a power bank can be used to power the units via the USB-C port.
- 3. Connect Transmitter (TX):** Connect an HDMI cable from your video source (e.g., laptop, camera, Blu-ray player) to the HDMI IN port on the Transmitter (TX) unit.

4. **Connect Receiver (RX):** Connect an HDMI cable from the HDMI OUT port on the Receiver (RX) unit to your display device (e.g., TV, projector, monitor).
5. **Power On:** Ensure both the Transmitter and Receiver units are powered on. The devices are designed for plug-and-play operation and should automatically establish a wireless connection.
6. **Optional Loop Out Connection:** If you wish to view the source content on a local display, connect an HDMI cable from the HDMI OUT port on the Transmitter (TX) unit to your local display.

Compatible with Various HDMI Devices



Transmitter



Receiver



TV



Display



Projector

Image: Diagram illustrating connections for the Elalight Wireless HDMI Transmitter and Receiver with various devices.

5. OPERATING INSTRUCTIONS

1. **Initial Connection:** Once both TX and RX units are powered and connected to their respective devices, they will automatically attempt to pair. A successful connection will be indicated by a stable signal light on both units and the video appearing on your display.
2. **Signal Optimization:** For optimal performance, ensure a clear line of sight between the transmitter and receiver. Minimize obstacles such as walls, furniture, or other electronic devices that may interfere with the wireless signal.

Adjust antenna positions for best reception.

- 3. **Multi-Receiver Setup:** To connect additional receivers (up to 6 total) to a single transmitter, ensure the additional RX units are powered on and within range. They should automatically pair with the active transmitter. Refer to the specific pairing instructions if manual pairing is required (usually involves pressing a 'Pair' button on both TX and RX units).
- 4. **Power Management:** When using NP-F batteries or power banks, monitor the battery levels to ensure uninterrupted operation, especially during long sessions.

6. MAINTENANCE

- Keep the devices clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the units to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or modify the devices, as this will void the warranty and may cause damage.
- Store the units in a cool, dry place when not in use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No video/audio output	Loose HDMI cables; Power not connected; TX/RX not paired; Incorrect input selected on display.	Check all HDMI and power connections. Ensure both TX and RX units are powered on. Verify the correct HDMI input is selected on your TV/projector. Re-pair units if necessary (refer to operating instructions).
Intermittent signal/Poor quality video	Obstructions between TX/RX; Excessive distance; Interference from other wireless devices; Loose antennas.	Reduce distance between TX and RX. Ensure a clear line of sight. Adjust antenna positions. Minimize other 2.4/5.8GHz wireless devices nearby. Check antenna connections.
Units fail to pair	Units out of range; Interference; Pairing process not followed correctly.	Bring units closer together. Reduce potential interference. Follow the pairing instructions in the operating section carefully. Power cycle both units.
No power to unit	Power adapter not connected; Faulty cable/adaptor; Power outlet issue.	Ensure power adapter is securely connected to the unit and a working power outlet. Try a different USB-C cable or power adapter if available.

8. SPECIFICATIONS

Feature	Detail
Brand	Elalight
Model Number	DT263W-C
Connectivity Technology	Wireless HDMI (2.4G/5.8G)
Max Transmission Range	500m (1640ft) in open field (1 TX to 1 RX)
Video Resolution	Input/Output supports 4K decoding, up to 1080p @60Hz wireless transmission

Feature	Detail
Latency	Approximately 0.1s (100ms)
Audio Output Mode	Stereo, Surround
Surround Sound Channel Configuration	5.1
Video Encoding	H.264, H.265/HEVC
Compatible Devices	Laptop, Monitor, Personal Computer, Projector, Television, DSLR, DVR, Set-top boxes
Power Input	USB-C (5V/2A), NP-F series batteries (not included)
Item Weight	12 ounces (total for kit, approximate)
Package Dimensions	11.34 x 7.8 x 2.05 inches

9. WARRANTY AND SUPPORT

Elalight products typically come with a manufacturer's warranty. For specific warranty details, including duration and coverage, please refer to the warranty card included in your product packaging or visit the official Elalight website. For technical support, troubleshooting assistance, or service inquiries, please contact Elalight customer support through their official channels.

Protection plans are available for purchase separately to extend coverage beyond the standard manufacturer's warranty. These plans may offer additional benefits such as extended repair or replacement services.

© 2025 Elalight. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B0F9FC6D7V>

More documents and user manuals: <https://manuals.plus/>