

PWAY PW-HTS0102

PWAY PW-HTS0102 HDMI Extender Splitter User Manual

MODEL: PW-HTS0102

Introduction

The PWAY PW-HTS0102 is an HDMI extender splitter system designed to distribute a single HDMI source to multiple displays over long distances. This system includes one transmitter unit and two receiver units. It extends one HDMI source to two local HDMI displays and two remote HDMI displays via a single CAT5e/6/6a/7 Ethernet cable. It supports resolutions up to 1920 × 1080 at 60Hz and 3D video. A key feature is Power Over Cable (POC), where only the transmitter requires a power adapter, and the receivers are powered through the Ethernet cable.

Package Contents

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

- 1 x PWAY HDMI Splitter/Extender Transmitter (TX)
- 2 x PWAY HDMI Extender Receivers (RX)
- 1 x Power Adapter (DC 12V)
- 1 x User Manual



Image: Contents of the PWAY PW-HTS0102 package, including the transmitter, two receivers, power adapter, and user manual.

Features

- **Extended Transmission Distance:** Supports transmission up to 45 meters (147 feet) using CAT5e cable, and up to 50 meters (164 feet) using CAT6 or CAT7 cable for 1080P resolution.
- **High-Resolution Support:** Delivers uncompressed audio and video transmission with support for resolutions up to 1080P at 60Hz and 3D video formats.
- **1x2 Splitter and Extender Functionality:** The transmitter unit features one HDMI input, two local HDMI outputs, and two UTP outputs for connecting to remote receivers, allowing simultaneous display on up to four screens (two local, two remote).
- **Power Over Cable (POC):** Simplifies installation by requiring only one power adapter for the transmitter unit. The receiver units are powered directly through the connected Ethernet cables.
- **Plug and Play:** No driver installation or complex configuration is required. The system is designed for immediate use upon connection.

Setup Instructions

Follow these steps to set up your PWAY PW-HTS0102 HDMI Extender Splitter:

1. **Connect HDMI Source:** Connect your HDMI source device (e.g., DVD player, set-top box, PC) to the **HDMI IN** port on the PWAY transmitter unit using a high-quality HDMI cable.
2. **Connect Local Displays:** Connect up to two local HDMI displays (e.g., TV, monitor) to the **HDMI OUT** ports on the transmitter unit using HDMI cables.
3. **Connect Receivers:** Connect the two receiver units to the **UTP** ports on the transmitter unit using individual CAT5e, CAT6, or CAT7 Ethernet cables. Ensure the cables are within the recommended length (up to 45m for CAT5e, up to 50m for CAT6/7).
4. **Connect Remote Displays:** Connect each receiver unit to a remote HDMI display using an HDMI cable. The HDMI OUT port on each receiver should connect to its respective display.
5. **Apply Power:** Connect the provided DC 12V power adapter to the **DC 12V** port on the transmitter unit. The receiver units will receive power automatically via the Ethernet cables (POC feature).
6. **Power On Devices:** Power on your HDMI source device, all connected displays, and the PWAY extender splitter system.

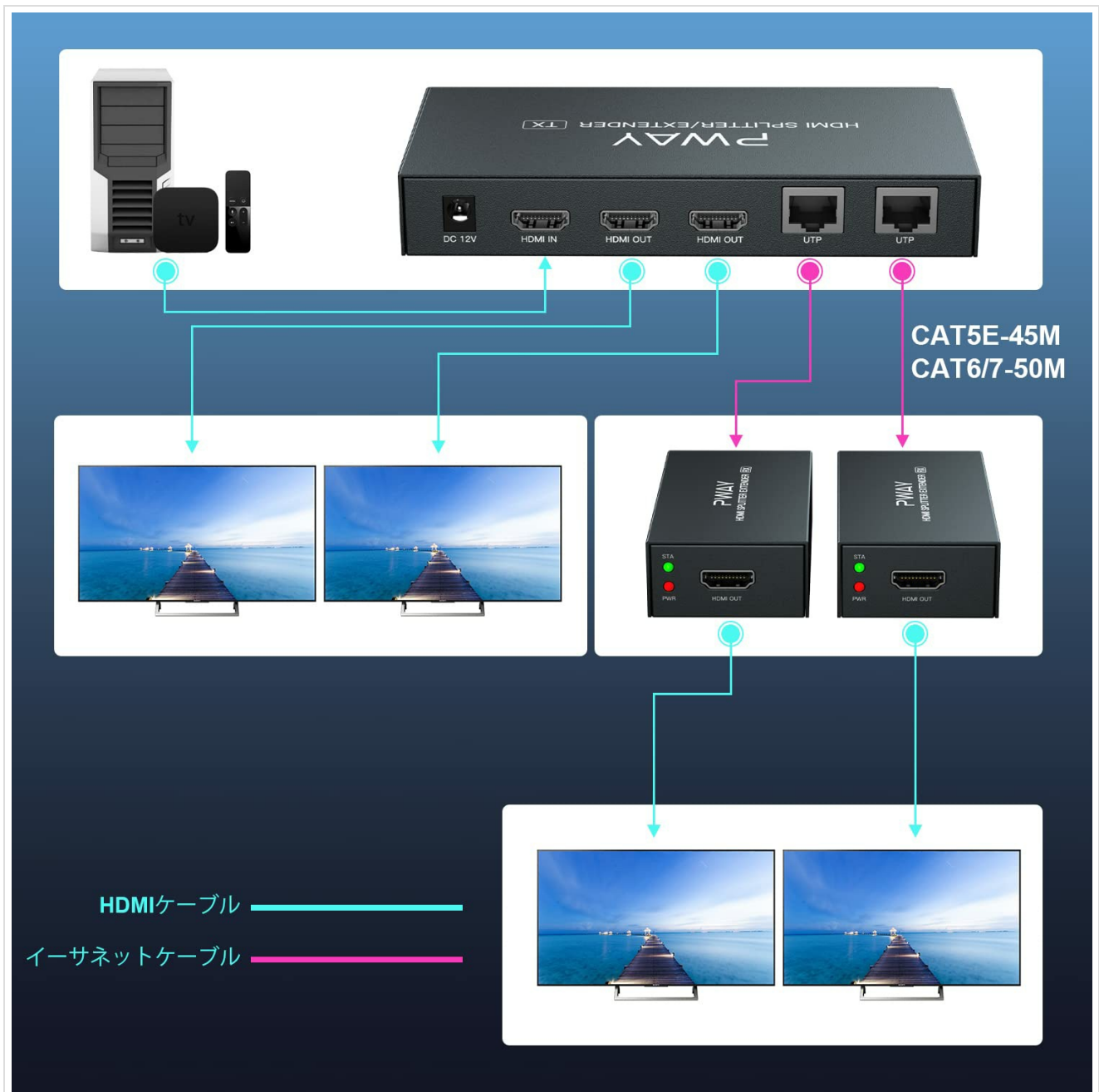


Image: A detailed diagram showing the connections from an HDMI source to the transmitter, then to local displays and remote receivers via UTP cables, and finally to remote displays.

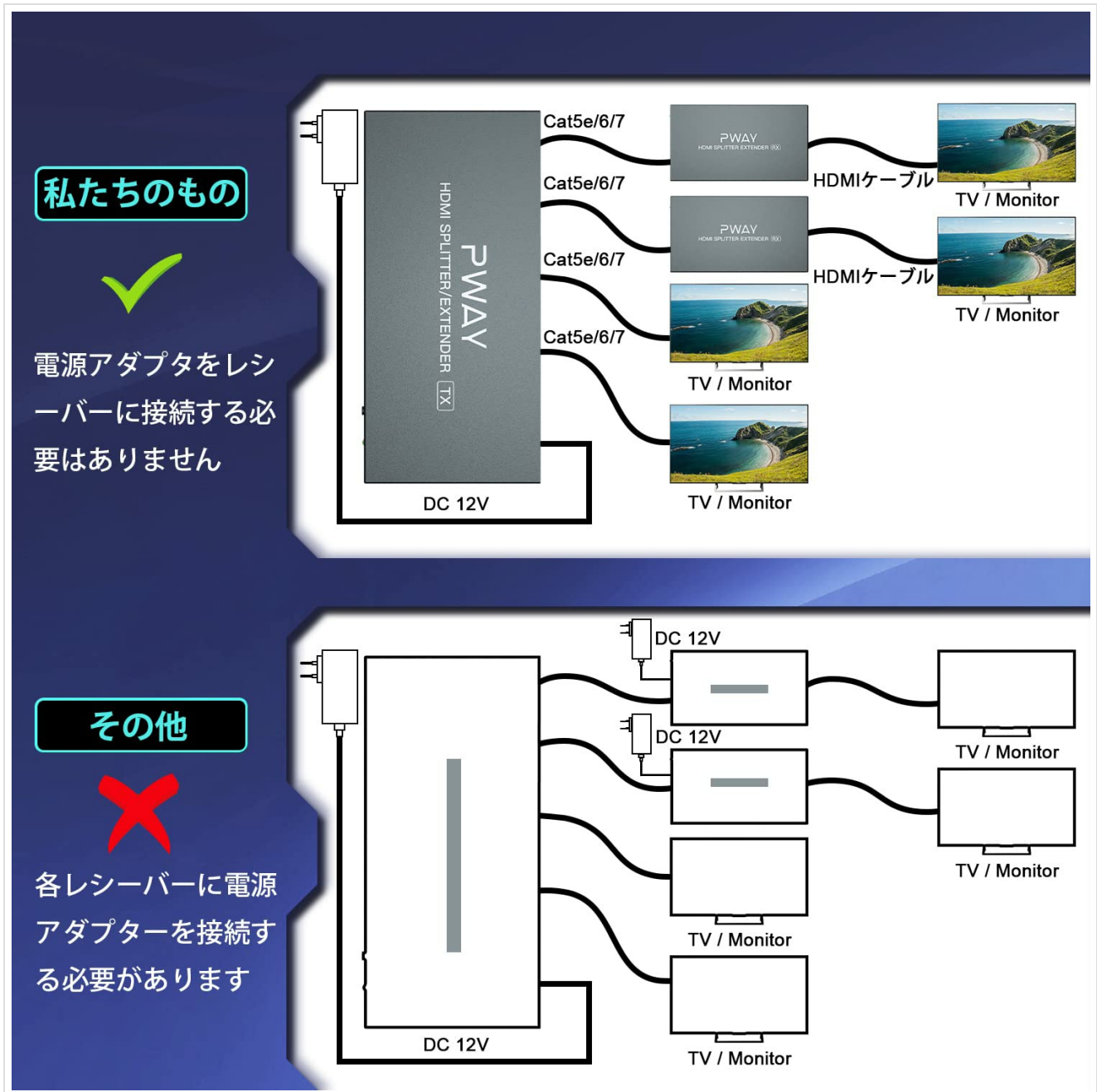


Image: Illustration of the Power Over Cable (POC) functionality, demonstrating that only the transmitter unit requires external power, while receivers draw power through the Ethernet connection.

Operating Instructions

Once all connections are made and devices are powered on, the PWAY PW-HTS0102 operates automatically. The HDMI source signal will be simultaneously displayed on all connected local and remote displays.

- Ensure your displays are set to the correct HDMI input source.
- The system is plug-and-play; no software or driver installation is needed.
- The LED indicators on the transmitter and receiver units will show their operational status.



Image: An example setup showing multiple displays connected to the PWAY HDMI Extender Splitter, demonstrating its capability to distribute video to several screens.

Maintenance

To ensure the longevity and optimal performance of your PWAY PW-HTS0102, follow these maintenance guidelines:

- Keep the devices in a cool, dry, and well-ventilated area, away from direct sunlight, heat sources, and moisture.
- Clean the units with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- Avoid placing heavy objects on the units.
- Ensure all cables are securely connected and not bent or crimped excessively.
- Do not attempt to open or service the units yourself. Refer to qualified personnel for any repairs.

Troubleshooting

If you encounter issues with your PWAY PW-HTS0102, please refer to the following troubleshooting steps:

- **No Picture or Signal:**

- Verify that all HDMI and Ethernet cables are securely connected to their respective ports.
- Ensure the transmitter unit is properly powered. Check the power adapter connection and the power indicator LED.
- Confirm that the HDMI source device is powered on and outputting a signal.
- Check that your displays are set to the correct HDMI input.
- Ensure the Ethernet cable length does not exceed the maximum recommended distance (45m for CAT5e, 50m for CAT6/7).
- Try connecting the HDMI source directly to a display to confirm the source and display are functioning correctly.

- **Poor Picture Quality or Flickering:**

- Use high-quality CAT6 or CAT7 Ethernet cables for optimal performance, especially over longer distances.
- Ensure the Ethernet cables are not damaged or run near sources of strong electromagnetic interference.
- Verify that the resolution of your HDMI source is supported by the extender and displays (up to 1080P@60Hz).

- **No Audio:**

- Check all HDMI cable connections.
- Ensure the audio settings on your HDMI source and displays are correctly configured.

Specifications

Model	PW-HTS0102
HDMI Compliance	HDMI 1.3, HDCP 1.2
Video Resolution	Up to 1080P @ 60Hz, 3D
Transmission Distance	CAT5e: Up to 45 meters (147 feet) CAT6/7: Up to 50 meters (164 feet)
Input Ports	1 x HDMI IN
Output Ports (Transmitter)	2 x HDMI OUT (Local), 2 x UTP OUT (to Receivers)
Output Ports (Receiver)	1 x HDMI OUT
Power Supply	DC 12V (for Transmitter only)
Power Consumption	Low power consumption (specific value not provided)
Operating Temperature	0°C to 60°C (32°F to 140°F)
Dimensions (Package)	22.8 x 16.6 x 7.6 cm
Weight (Package)	690 g



Image: A display showing a high-definition image, illustrating the 1080P@60Hz capability of the PWAY HDMI Extender Splitter.

Warranty and Support

PWAY products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or contact your retailer. For technical support or inquiries, please reach out to PWAY customer service through the contact information provided on the official PWAY website or your purchase documentation.