

MYPIN B07PXMH11L

MYPIN 1080P HDMI Extender Kit User Manual

Model: B07PXMH11L

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and troubleshooting of your MYPIN 1080P HDMI Extender Kit. This device allows you to extend HDMI signals up to 131 feet (40 meters) over a single Cat6, Cat7, or Cat8 Ethernet cable, supporting full HD 1080p resolution at 60Hz. It is designed for reliable point-to-point connections, making it suitable for various applications requiring long-distance HDMI transmission.

2. PACKAGE CONTENTS

Please check the package contents carefully. If any items are missing or damaged, contact your retailer.

- 1x HDMI Extender Transmitter (TX Unit)
- 1x HDMI Extender Receiver (RX Unit)
- 2x USB Power Cables
- 1x User Manual (this document)



Image: Contents of the MYPIN HDMI Extender Kit, showing the transmitter and receiver units, two USB power cables, and the user manual.

3. PRODUCT FEATURES

- **Extended Transmission:** Extends HDMI signals up to 131 feet (40 meters) using a single Cat6, Cat7, or Cat8 Ethernet cable.
- **Full HD 1080P Support:** Supports resolutions including 1080P, 1080i, 720P, 576P, 576i, 480P, and 480i at 60Hz.
- **3D Video Support:** Compatible with 3D video formats.
- **Automatic Adjustment:** Automatically adjusts specifications for various cable lengths (1-40m) to optimize display quality.
- **Lossless Audio:** Supports uncompressed audio formats such as LPCM.
- **Mini Design:** Compact and portable design for easy integration.
- **Power Over Cable (POC) Support:** For Cat6 cables longer than 10m, the RX unit can be powered directly via the Ethernet cable, requiring only one USB power cable for the TX unit.
- **Wide Compatibility:** Compatible with various HDMI source devices (e.g., computers, DVD players, gaming consoles) and HDMI display devices (e.g., HDTVs, projectors).

Mini size design



2.75in x 0.98in x 0.59in
(7cm x 2.5cm x 1.5cm)

Image: The mini-sized design of the HDMI extender unit.

4. SPECIFICATIONS

Parameter	Value
Brand	MYPIN
Model	B07PXMH11L
Connector Type	HDMI, RJ45
Cable Type	Ethernet (Cat6/7/8 recommended)
Transmission Distance	Up to 131ft (40m)
Supported Resolutions	1080P / 1080i / 720P / 576P / 576i / 480P / 480i
Max Data Transfer Rate	6.75 Gigabits Per Second
Audio Support	Uncompressed audio (e.g., LPCM)

Power Supply	USB 5V (2 USB cables included)
Special Features	Data Transfer, High Speed, POC (Power Over Cable)
Dimensions (approx.)	2.75in x 0.98in x 0.59in (7cm x 2.5cm x 1.5cm) per unit
Weight (approx.)	3.98 ounces (total item weight)

5. SETUP INSTRUCTIONS

Follow these steps to properly set up your HDMI Extender Kit:

- 1. Connect the TX (Transmitter) Unit:** Plug the HDMI connector of the TX unit into the HDMI output port of your source device (e.g., laptop, PC, DVD player, gaming console).
- 2. Connect the RX (Receiver) Unit:** Plug the HDMI connector of the RX unit into the HDMI input port of your display device (e.g., TV, projector).
- 3. Connect Ethernet Cable:** Connect a single Cat6, Cat7, or Cat8 Ethernet cable between the RJ45 port of the TX unit and the RJ45 port of the RX unit. Ensure the cable is wired according to the IEEE-568B standard for optimal performance. We recommend using high-performance pure Cat6/7/8 cables at least 1 meter in length.
- 4. Power the Units:** Connect the provided USB power cables to the DC 5V ports on both the TX and RX units. Plug the other end of the USB cables into a 5V USB power source (e.g., USB port on your TV, computer, or a USB power adapter).

Note on Power Over Cable (POC): *If you are using a high-quality Cat6 cable longer than 10 meters, the RX unit may draw power directly from the Ethernet cable. In this scenario, only the TX unit requires a USB power connection.*

- 5. Power On Devices:** Ensure all connected devices (source, display, and extender units) are powered on.
- 6. Select Input:** Select the correct HDMI input on your display device.

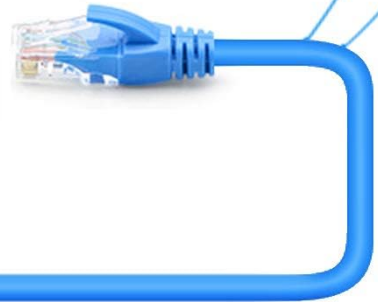
Plug & Play



computer



TX



cat6/cat7 Long transmission 40m



RX



TV

Image: A visual guide demonstrating the simple plug-and-play connection of the HDMI extender between a source (laptop) and a display (TV) using a Cat6/7 cable.



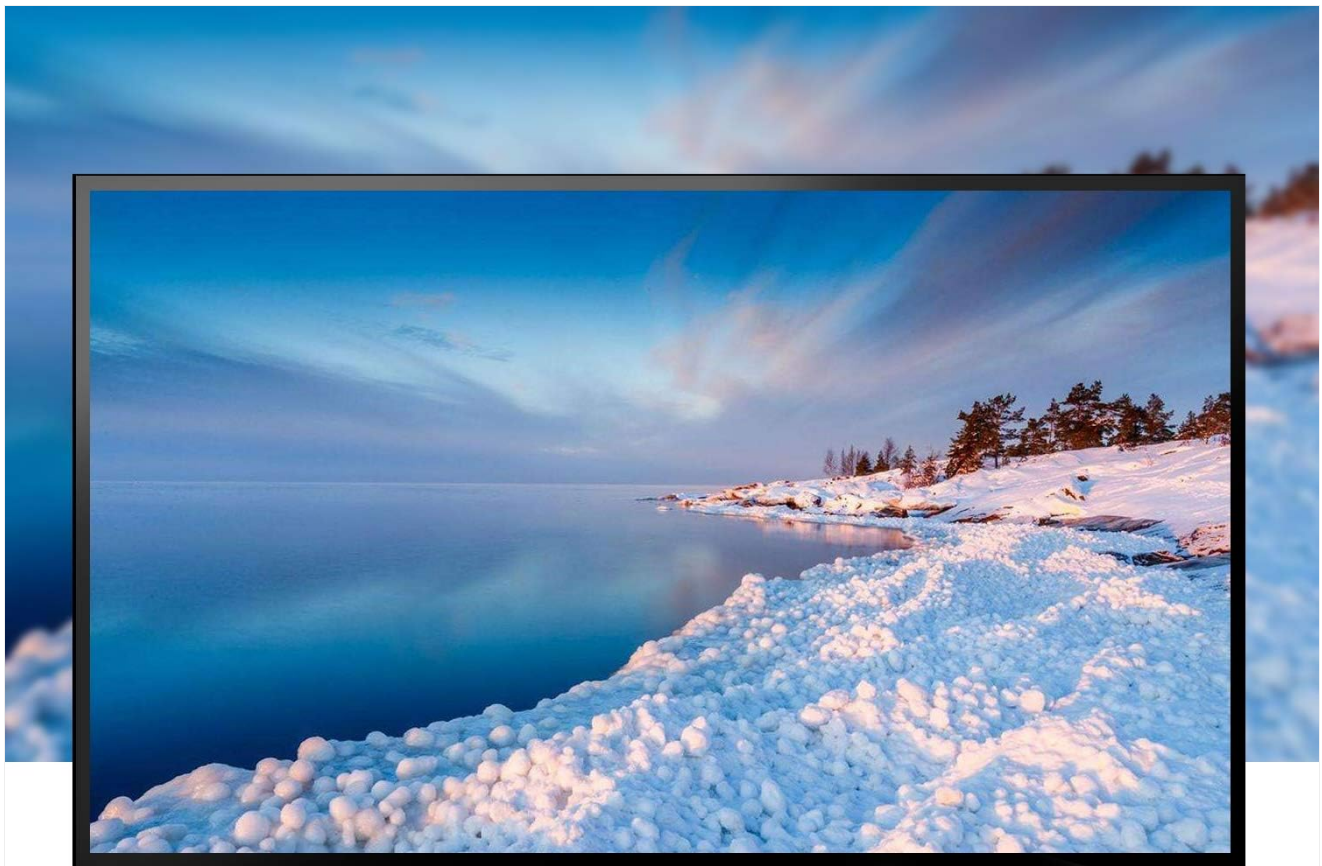
Image: Cat6 network standard wiring diagram (IEEE-568B) showing the color sequence for proper cable termination.

Image: Example setup illustrating how MYPIN HDMI extenders facilitate longer connection distances for home entertainment or professional use.

6. OPERATING INSTRUCTIONS

Once all connections are made and devices are powered on, the HDMI extender will automatically detect the signal and adjust for optimal display. No additional software or drivers are required.

- **Automatic Adjustment:** The extender is designed to automatically adjust video and audio specifications based on the length of the Ethernet cable (1-40 meters) to ensure the best possible display quality.
- **Length Button (if applicable):** Some models may feature a "Length button" for 12-level automatic and manual adjustment of gears. If your unit has this button, you can press it to fine-tune the signal for specific cable lengths if automatic adjustment does not yield desired results. Refer to the markings on your specific unit for its location and function.
- **Audio and Video Synchronization:** The extender ensures synchronized transmission of both audio and video signals.



**Support
1080P@60HZ**



Image: The HDMI extender supporting 1080P@60Hz resolution, displayed on a television screen.

Audio and video synchronization transmission



Image: Demonstration of audio and video synchronization transmission through the HDMI extender, showing a display with speakers.

7. MAINTENANCE

To ensure the longevity and optimal performance of your HDMI Extender Kit, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the units. Do not use liquid cleaners or aerosol sprays.
- **Storage:** Store the units in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the units to strong impacts. Do not attempt to disassemble the units, as this will void any warranty.
- **Cable Care:** Ensure Ethernet and HDMI cables are not bent sharply or pinched, which can damage the internal wires and affect signal quality.

8. TROUBLESHOOTING

If you encounter issues with your HDMI Extender Kit, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
---------	---------------------------

No picture or signal on display.	<ul style="list-style-type: none"> • Ensure both TX and RX units are properly powered via USB cables. • Verify all HDMI and Ethernet cables are securely connected. • Check if the Ethernet cable length is within the specified range (up to 40m). • Confirm the display device is set to the correct HDMI input. • Test with a different HDMI source or display to isolate the issue. • Ensure the Ethernet cable is Cat6/7/8 and wired to IEEE-568B standard.
Poor picture quality, flickering, or distortion.	<ul style="list-style-type: none"> • Use a high-quality Cat6/7/8 Ethernet cable. Lower quality or damaged cables can affect signal integrity. • Ensure the Ethernet cable length is not exceeding 40 meters. • If your unit has a "Length button", try adjusting it to optimize the signal for your specific cable length. • Reduce the resolution of the source device if the cable run is at its maximum length.
No audio.	<ul style="list-style-type: none"> • Check audio settings on both the source device and the display device. • Ensure the HDMI cable connections are secure. • Verify that the source device is outputting an audio format supported by the extender (e.g., LPCM).
Units are hot to the touch.	<ul style="list-style-type: none"> • It is normal for the units to generate some heat during operation. Ensure they are in a well-ventilated area and not covered. • If overheating persists or is excessive, disconnect power and contact support.

9. WARRANTY AND SUPPORT

MYPIN products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official MYPIN website. If you require technical assistance or have questions not covered in this manual, please contact MYPIN customer support through their official channels.

Official MYPIN Store: [Visit the MYPIN Store on Amazon](#)