

## ANSTEN MS379-B

# ANSTEN HDMI Over Coax Extender MS379-B User Manual

Model: MS379-B

## INTRODUCTION

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The ANSTEN HDMI Over Coax Extender MS379-B is designed to transmit 1080p Full HD HDMI signals over long distances using a single coaxial cable. This system provides a reliable solution for extending HDMI signals in various environments without signal loss or delay, making it ideal for home theaters, security systems, and professional installations.

## 1. PACKAGE CONTENTS

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- HDMI Transmitter (TX) x1
- HDMI Receiver (RX) x1
- Power Adapter x2
- User Manual x1



Figure 1: ANSTEN HDMI Over Coax Extender Package Contents

Please ensure all items are present and in good condition upon unpacking.

## 2. KEY FEATURES

- **Zero-Latency 1080P HD Transmission:** Supports lossless 1080p@60Hz Full HD HDMI signals up to 984ft (300m) via RG59/RG-6U Coax cable.
- **Wide Resolution Support:** Compatible with 1080p@60Hz, 1080p@50Hz, 1080p@30Hz, 1080p@25Hz, 720p@60Hz, 720p@50Hz, and 480p@60Hz. *Note: Interlaced signals (1080i/720i) are not supported.*
- **Robust Thermal Management:** Features an aluminum alloy housing with 360° heat dissipation fins for optimal cooling and durability, ensuring long-lasting performance.
- **Versatile Application:** Suitable for DVR systems, home theaters, bars, classrooms, meeting rooms, TV projects, lecture halls, and security systems.
- **Easy Installation:** Compact design for simple setup and portability.

## 3. SETUP INSTRUCTIONS

Follow these steps to set up your ANSTEN HDMI Over Coax Extender:

### 3.1 Connecting the Transmitter (TX)

1. Connect your HDMI source device (e.g., PC, Notebook, Apple TV, PS4, Tablet PC) to the **HDMI IN** port of the Transmitter (TX) unit using an HDMI cable.
2. Connect one of the provided power adapters to the **DC 5-12V** port on the Transmitter (TX) unit and plug it into a power outlet.
3. Connect one end of a coaxial cable (RG59/RG6u recommended) to the **COAX DATA** port on the Transmitter (TX) unit.

### 3.2 Connecting the Receiver (RX)

4. Connect the other end of the coaxial cable from the Transmitter (TX) to the **COAX DATA** port on the Receiver (RX) unit.
5. Connect your display device (e.g., Projector, Display, TV) to the **HDMI OUT** port of the Receiver (RX) unit using an HDMI cable.
6. Connect the second power adapter to the **DC 5-12V** port on the Receiver (RX) unit and plug it into a power outlet.



Figure 2: Connection Diagram

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## 4. OPERATING INSTRUCTIONS

Once all connections are securely made and both the Transmitter and Receiver units are powered on, the ANSTEN HDMI Over Coax Extender will automatically establish a connection and transmit the HDMI signal. No additional configuration is typically required.

- Ensure your input source provides a **progressive signal (e.g., 1080p, 720p, 480p)**. Interlaced signals (1080i/720i) are not supported and will not display correctly.
- The system is designed for plug-and-play operation. If a signal is not immediately detected, verify all cable connections and power supplies.



Figure 3: Zero-Latency Signal Transmission

## 5. TROUBLESHOOTING

If you encounter issues, please refer to the following troubleshooting steps:

### 5.1 No Signal or "Check TX's input signal" message

- **Verify HDMI Cable:** Disconnect and reconnect the HDMI cable from the source to the Transmitter (TX). Try using a different HDMI cable to rule out cable failure.
- **Check HDMI Source:** Ensure your HDMI source device is powered on and outputting a signal.
- **Input Signal Type:** Confirm that the HDMI source is outputting a **progressive signal (1080p, 720p, 480p)**. This extender does not support interlaced signals (1080i/720i). If your source outputs interlaced signals, an upscaler may be required before connecting to the extender.

## 5.2 "Searching TX" message or no signal on Receiver (RX)

- **Power Supply:** Check if both power adapters are correctly connected to the Transmitter (TX) and Receiver (RX) units and that their power indicator lights are on.
- **Coaxial Cable Connection:** Ensure the coaxial cable is securely connected to both the TX and RX units' **COAX DATA** ports. Try re-plugging the cable.
- **Coaxial Cable Integrity:** Test with a different coaxial cable if possible, especially for long runs, to rule out cable damage or poor quality.
- **Interface Type:** Confirm you are using a BNC interface coaxial cable, not an RF interface.
- **Signal Lights:** Observe the signal lights on both TX and RX units. If they are flashing quickly, it indicates a proper connection.
- **Receiver HDMI Cable/Monitor:** Try a different HDMI cable from the Receiver (RX) to the display, or test with another HDMI monitor/TV to isolate the issue.

## 6. SPECIFICATIONS



Figure 4: Product Port Details and Dimensions

Feature	Detail
Brand	ANSTEN
Model Name	MS379-B
Connector Type	HDMI
Cable Type	HDMI, Coaxial (RG59/RG6u)
Compatible Devices	Projector, Television, DVR, PC, Notebook, Apple TV, PS4, Tablet PC
Special Feature	No Delay, Lossless Signal
Connector Gender	Male-to-Female
Frequency	60 Hz
Maximum Voltage	12 Volts (DC)
Connectivity Technology	HDMI
Recommended Uses	Extending HDMI signals in residential, commercial, and industrial environments
Indoor/Outdoor Usage	Indoor, Outdoor
Color	Black
Outer Material	Aluminum
Item Weight	15 Ounces

## 7. WARRANTY AND SUPPORT

ANSTEN products are designed for reliability. This product may include a lifetime warranty; please refer to your purchase documentation or contact ANSTEN customer support for specific warranty details.

For additional support and video user guides, please visit the official ANSTEN website or their YouTube channel for comprehensive resources.

For technical assistance, please contact ANSTEN customer support directly through the contact information provided with your product or on the official ANSTEN website.