



# HDMI Extender over CAT 5



Model	Maximum Distance @ 1080p	Maximum Distance @ 4K2K
SL-HXP-070	70m	35m
SL-HXP-100	100m	70m

Low-quality cables elevate noise levels and degrade output signals. Please use good quality cables and display devices that are capable of handling the resolution and refresh rate selected.

Features and functions may be added or changed after the manual was written. Please visit our website to download the latest version of manual for reference.

PP5-ZHM122Z-029



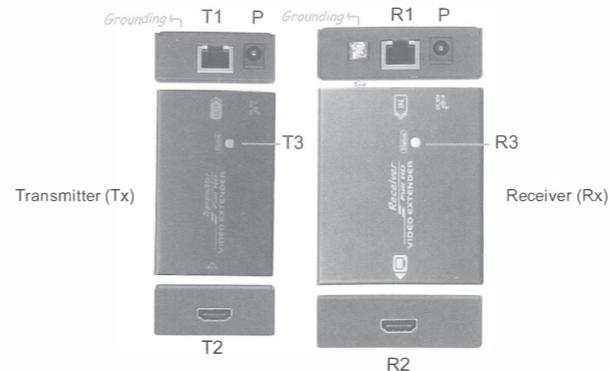
## Package Contents

- HDMI Extender Transmitter Unit x 1
- HDMI Extender Receiver Unit x 1
- Power Adapter x 1
- User Manual x 1
- Grounding Wire x 2
- Foot Pad Set x 2

## Features

- Extend your HDMI signal up to 100m over a single CAT 5e or CAT 6 cable
- Supports full uncompressed HD video and audio
- Supports High Speed HDMI with 3D
- Supports Phantom Power - Use a single power supply at either the transmitter end or the receiver end
- HDMI resolution support: 4K2K, 1080p, 1080i, 720p, 576p, 576i, 480p and 480i
- Deep Colour support: 24-bit and 36-bit
- Audio format support: LPCM, Dolby AC-3, DTS7.1 & DSD
- HDCP version: HDCP v1.2
- Supports bandwidth up to 10.2Gbps
- Compact size - easy to set up and simple to install

## 1 Product Description



T1	R1	RJ45 Jack	Use a CAT 5e or CAT 6 cable to connect Tx to Rx
T2	R2	HDMI connector	[T2] Connect to an HDMI source [R2] Connect to an HDMI display
T3	R3	LED Indicator	[T3] <b>Green</b> : Power on / <b>Blue</b> : Link OK [R3] <b>Red</b> : Power on / <b>Blue</b> : Link OK
P		Power Supply	Apply power to either the Tx or Rx unit

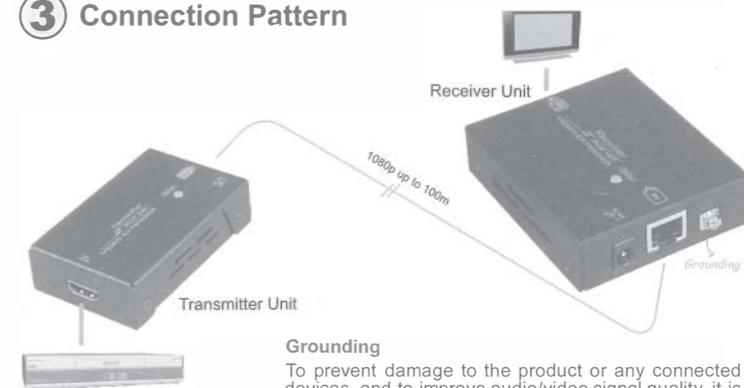
## 2 LED Indicator

Unit	LED Status		
	Power on	Link OK	No video source or monitor connected
Tx	Green	Blue	Flashing blue & green
Rx	Red	Blue	Flashing blue & red

NOTE:

1. The system will disable the video output signal when it detects non-HDCP compliant display(s) on playing the HDCP video source. All the connected output displays MUST be HDCP compliant when the video source is HDCP compliant.
2. The quality of the output signal will largely depend upon the quality of the video source, cable and display device used. Low-quality cables can degrade the output signal causing elevated noise levels and so the use of good quality cables is recommended.

## 3 Connection Pattern



### Grounding

To prevent damage to the product or any connected devices, and to improve audio/video signal quality, it is recommended to ensure that the extender systems are properly grounded.

## 4 Specifications

Model	Transmitter Unit	Receiver Unit
Input → Output	HDMI → RJ45	RJ45 → HDMI
LED (Link / Video status)	x 1 (Dual Color)	x 1 (Dual Color)
Video Resolution (max)	4K Ultra HD 2160p (3840 x 2160) Full HD 1080p (1920 x 1080)	
Extension Distance	SL-HXP-070: 70m @ 1080p / 35m @ 4K2K SL-HXP-100: 100m @ 1080p / 70m @ 4K2K	
Power Supply	DC 12V (Phantom Power)	
Enclosure	Metal	
Weight (g)	120	195
H x W x D (mm)	22 x 52 x 80	25 x 67 x 80

Above video resolution and extension distance are based on a single CAT 5e or CAT 6 24AWG solid cable without cascade. STP cabling is recommended for environments with high EMI or RFI. For the best performance results, using stranded cabling or other thinner cables and coiling of excess cable lengths should be avoided.