HDMI EXTENDER

User Manual

PROHDMIEX1 – Single Cable HDMI Extender

Thank you for purchasing a PROception HDMI Single Cable Extender. To ensure safety and correct operation, please read this manual carefully before using this product.
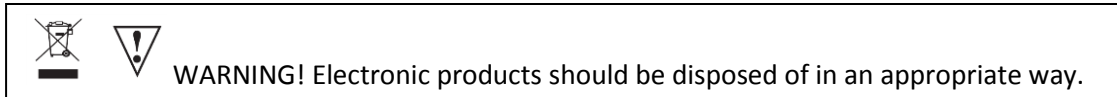
Box Contents:

1. 1x HDMI Extender Transmitter
2. 1x HDMI Extender Receiver
3. 2x 5V DC Power Supply
4. 1x IR Sender
5. 1x User manual

Installation and Precautions

To avoid electric shock, product damage and to protect your safety, please observe the following:

- Ensure unit is powered off when installing or removing HDMI cables.
- Repeated installation / removal of HDMI cables may damage the unit.
- The unit should not be placed in direct sunlight, rain, damp or unventilated areas.
- Liquid items should not be placed near the unit.
- Do not install the unit near sources of heat.
- Do not insert metallic or conductive objects in the unit.
- Unit should be installed by a qualified professional.

WARNING! Electronic products should be disposed of in an appropriate way.

Please note: Pictures and technical parameters in this manual are for reference only.

Product Description:

This extender is based on the HDBaseT technology. It extends your HDMI signal with resolutions of 1080p up to 100 meters (330 feet) from your HDMI source using one CAT5e / CAT6 cable.
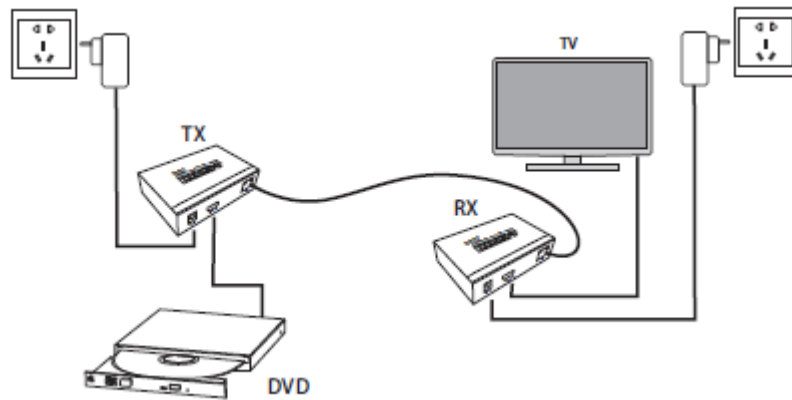
Built in Infra-red (IR) extender function allows IR remote control of source devices (eg DVD Player) from the remote location.

Features

- High Definition Content Protection (HDCP) V1.2.
- Consumer Electronics Control (CEC) Support.
- Resolution up to 1920*1200, including 720i, 720p, 1080i, 1080p.
- Compact design for space saving.
- Metal case for interference shielding.
- Build in IR extender for remote control of source.

Connection Diagram:

1. Connect a HDMI Input source to the 'TX' connection using a HDMI cable.
2. Connect a HDMI Output device to the 'RX' connection using a HDMI cable.
3. Connect the 'TX' and 'RX' box together with a CAT5e / CAT6 (recommended) cable.
4. Connect a power supply to the 'DC 5V' connection on the 'TX' and 'RX' box.
5. Once all connections have been made, plug the power supply in to the wall socket to power the unit, then turn your devices on.

Technical Parameters:

Sender: Receiver:

Transmitter Specifications			
I/O Connectors	1x HDMI Output (19 pins, Type A) 1x DCφ5.5*2.1 Power Connector 1x RJ45		
	Resolution	Frame rate	Ratio
Video Resolution Support	640x480P	60Hz	4:3
	720x480P	59.94Hz/60Hz	4:3/16:9
	1280x720P	50Hz	16:9
	1280x720P	59.94Hz/60Hz	16:9
	720x576P	50Hz	4:3/16:9
	1920X1080P	50HZ	16:9
	1920X1080P	23.97Hz/24Hz	16:9
	1920x1080P	25Hz	16:9
	1920x1080P	29.97Hz/30Hz	16:9
	1920x1080P	50Hz	16:9
	1920x1080P	59.94Hz/60Hz	16:9
Audio	LPCM up to 8 channels Sampling rate: 32kHz, 44.1kHz and 48kHz Sample depth: 24bit, 20bit and 16bit		
HDMI Version	HDMI 1.3		
HDCP Version	HDCP 1.2		
LED	Power ON/OFF Link Status		
Power Adapter	AC Input: 100V - 240V (50 - 60Hz) DC output: 5V/1A		
Operating Temperature	0 - 40 ℃		

Receiver Specifications			
I/O Connectors	1x HDMI Output (19 pins, Type A) 1x DCφ5.5*2.1 Power Connector 1x RJ45		
	Resolution	Frame rate	Ratio
Resolution Support	640x480P	60Hz	4:3
	720x480P	59.94Hz/60Hz	4:3/16:9
	1280x720P	50Hz	16:9
	1280x720P	59.94Hz/60Hz	16:9
	720x576P	50Hz	4:3/16:9
	1920x1080P	50Hz	16:9
	1920x1080P	23.97Hz/24Hz	16:9
	1920x1080P	25Hz	16:9
	1920x1080P	29.97Hz/30Hz	16:9
	1920x1080P	50Hz	16:9
	1920x1080P	59.94Hz/60Hz	16:9
Audio	LPCM up to 8 channels Sampling rate: 32kHz, 44.1kHz and 48kHz Sample depth: 24bit, 20bit and 16bit		
HDMI Version	HDMI 1.3		
HDCP Version	HDCP 1.2		
LED	Power ON/OFF Link Status		
Power Adapter	AC Input: 100V - 240V (50 - 60Hz) DC output: 5V/1A		
Operating Temperature	0 - 40 ℃		

This manual is subject to change without prior notice.

Technical support: support@proception.co.uk or visit www.blake-uk.com.