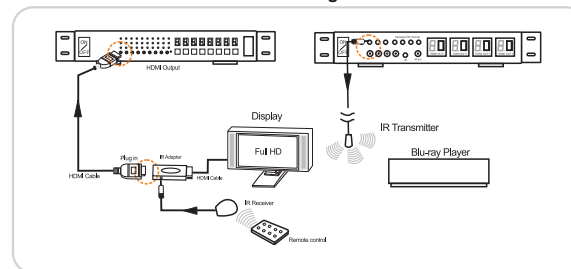## Quality Guarantee:

• This Limited Warranty only covers failures due to defects in materials or workmanship, and does not cover normal wear and tear or cosmetic damage. The Limited Warranty also does not cover damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect,mishandling, misapplication, alteration, faulty installation, set-up adjustments, malad-justment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Service, or damage that is attributable to acts of God.

• There are no express warranties except as listed under "limited warranty coverage". the warrantor is not liable for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this warranty. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.)

• No damage caused by accident, One year warranty for free repair and half way free transport.

Product Picture:

10228

HDMI® Wall Plate
Extender Receiver

New Function:

Backward IR channel connection diagram

HDMI® Wall Plate
Extender Receiver

INTRODUCTION

Thank you for purchasing this HDMI Extender Wall Plate Receiver! This receiver is ideal for expanding an existing HDBase-T video network or for use with stand-alone HDBase-T matrixes and switches. Please refer to the safety guidelines in this manual and in the manual of any device to which this receiver will be connected.

FEATURES:

• Extends HDMI signals up to 328 feet (100 meters) using a single Cat6 cable
• Extends 100Base-TX network connectivity along with the HDMI video
• Can be daisy chained up to six units deep
• Built-in bidirectional IR repeater
• Supports all High Speed HDMI functions, including 3D video

SPECIFICATIONS:

• Supported Video: High Speed HDMI with HDCP 1.2
• Supported Resolutions: 1080p, 1080i, 720p, 576p, 576i, 480p, 480i
• Color Support: up to 12-bit/channel Deep Color (36-bit total)
• Audio Support: LPCM, Dolby AC3, DTS 7.1, DSD
• Bandwidth/Data Throughput: up to 10.2Gbps
• Operating Temperature Range: +5 ~ +131°F (-15 ~ +55°C)
• Operating Humidity Range: 5 ~ 90% RH (no condensation)

CONTROLS AND CONNECTIONS

TRANSMITTER
• 100Base-T: Two RJ45 ports function as a network switch in conjunction with the 100Base-T ports on the HDMI Wall Plate Extender Receiver unit. As long as one of the four RJ45 ports is connected to the local area network, the other three ports will carry that same connection. The yellow LED on the left side of the RJ45 port illuminates when a valid connection is in place and blinks when data is being transferred. The LED on the right illuminates in amber color when a 10Base-T connection is established and illuminated green when a 100Base-TX connection is established.
• HDMI In: HDMI input port for connecting to a source device.
• Mode: LED blinks when the receiver is active.
• Link: LED illuminates when a valid link is established between the receiver and the matrix.
• HDCP: LED illuminates when video content with HDCP copy protection is being transmitted to the receiver unit. The LED blinks when video content without HDCP copy protection is being transmitted to the receiver unit. The LED is off when no signal is being transmitted to the receiver unit.

• Power: LED illuminates when the receiver is powered on.
• IR-TX: 3.5mm jack for connecting an IR transmitter bulb to allow control of a source device.
• IR-RX: 3.5mm jack for connecting an IR receiver bulb to allow devices at the receiver end to be controlled from the transmitter/source location.
• DC 5V: Power input socket for use with the included AC adapter.

RECEIVER
100Base-T: Two RJ45 ports function as a network switch in conjunction with the 100Base-T ports on the HDMI Wall Plate Extender Transmitter unit. As long as one of the four RJ45 ports is connected to the local area network, the other three ports will carry that same connection. The yellow LED on the left side of the RJ45 port illuminates when a valid connection is in place and blinks when data is being transferred. The LED on the right illuminates in amber color when a 10Base-T connection is established and illuminates green when a 100Base-TX connection is established.
• HDMI Out: HDMI output port for connecting to a display device.
• Mode: LED blinks when the receiver is active.
• Link: LED illuminates when a valid link is established between the receiver and the matrix.
• HDCP: LED illuminates when video content with HDCP copy protection is being transmitted to the receiver unit. The LED blinks when video content without HDCP copy protection is being transmitted to the receiver unit. The LED is off when no signal is being transmitted to the receiver unit.
• Power: LED illuminates when the receiver is powered on.
• IR-TX: 3.5mm jack for connecting an IR transmitter bulb to allow devices at the receiver end to be controlled from the source location.
• IR-RX: 3.5mm jack for connecting an IR receiver bulb to allow control of a source device.
• DC 5V: Power input socket for use with the included AC adapter.

INSTALLATION:

1. Using a High Speed HDMI cable (not included) for each source, connect the signal source devices to the input ports on the HDMI Matrix. Up to four input devices can be connected.
2. Using a High Speed HDMI cable (not included) connect the HDMI OUT port on the back of the matrix to an HDMI IN port on your display.
3. Using a High Speed HDMI cable, connect the HDMI OUT port on the receiver to the one of the HDMI IN ports on your remotely located display.
4. Using a Cat5e or Cat6 cable (not included) connect the output port on the Matrix to the input port on the Receiver.

NOTE: For best results we strongly recommend the use of Shielded (STP) Cat6 cable to connect between the Matrix and the receiver units.

5. (Optional) Decide if you want to use the IR repeater function. If you do, decide whether you want to control a device at the source end from the display location, or at the display end from the source location.
6a. If you want to control a device at the source end, plug the IR Receiver bulb into the IR-RX jack on the front of the remote receiver. Position the IR bulb so that it can be "seen" by your remote control. Plug the IR Transmitter bulb into the IR jack on the front of the Matrix, which corresponds to the device you want to control (IR1, IR2, IR3, or IR4). Position the bulb so that it can "see" the IR receiving "eye" on your source device.

6b. If you want to control a device at the display end, plug the IR Receiver bulb into the IR-RX jack on the front of the Matrix. Position the IR bulb so that it can be "seen" by your remote control. Plug the IR Transmitter bulb into the IR-TX jack on the receiver unit. Position the bulb so that it can "see" the IR receiving "eye" on your source device.

7. (Optional) Using a Cat5e or Cat6 cable (not included) connect your router, modem, or network switch to one of the 100Base-T RJ45 ports on the back of the Matrix or on the back of the receiver unit. The four 100Base-T ports in this system act as a single network switch. When one of the ports is connected to the network, the other three will provide a live network connection.

8. (Optional) Using a stereo RCA patch cable (not included) connect the Audio L/R jacks on the back of the Matrix to one of the audio inputs on your AV receiver/amplifier.

Note that this connection is tied to the HDMI OUT channel on the Matrix. Additionally, it will only produce audio when the source material is 2.0 channel (stereo). If the source material is 5.1 or 7.1, there will no analog audio output.
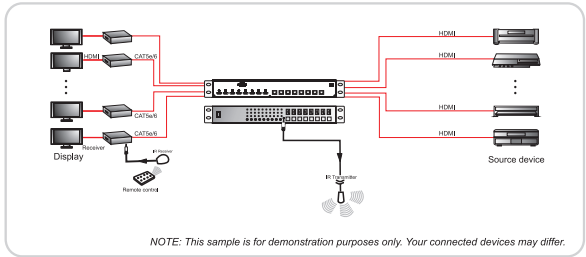
9. (Optional) Using an optical Toslink cable (not included) connect the SPDIF/Toslink jack on the back of the Matrix to a Toslink input on your AV receiver/amplifier.

Note that this connection is tied to the HDMI OUT channel on the Matrix and will duplicate any audio sent over the HDMI OUT port.

10. Connect the DC output of the 5VDC/3A AC Adapter to the Matrix then plug the adapter into an AC outlet.

11. Connect the DC output of the 5VDC/2A AC Adapter to the receiver unit then plug the adapter into an AC outlet.

CONNECTION DIAGRAM:

NOTE: This sample is for demonstration purposes only. Your connected devices may differ.

PACKAGE CONTENTS:

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact us for a replacement.

• 1 x HDBase-T Wallplate Receiver
• 1 x IR receiver
• 1 x 5V DC power Adapter
• 1 x User Manual

SAFETY WARNINGS:

To avoid personal injury or damage to your equipment, please adhere to the following safety guidelines:

1. This device is intended for indoor use only. Do not expose this device to water or moisture of any kind.

2. Do not install near any heat sources, such as stoves, radiators, or fireplaces.

3. Clean only with a dry cloth. Do not use liquid cleaners or solvents to clean this device.

4. Unplug the unit during lightning stores or when the unit will be unused for a long period of time.

5. Do not allow the power cords to be walked on, pinched, tripped over, or otherwise damaged.