

# KRAMER



## Installation Instructions

MODEL:

### PT-3H2

HDMI 2.0 Extender



P/N: 2900-300593



Rev: 3



#### **SAFETY WARNING**

Disconnect the unit from the power supply before opening and servicing

For the latest information on our products, a list of Kramer distributors and updates to this user manual, visit our Web site.

We welcome your questions, comments, and feedback.

[www.kramerAV.com](http://www.kramerAV.com)  
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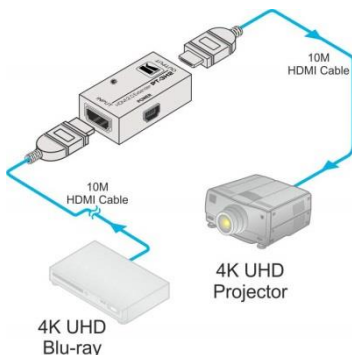
## PT-3H2 HDMI 2.0 Extender

Thank you for purchasing the Kramer **PT-3H2**, a **4K UHD HDMI EXTENDER** that is ideal for ProAV, multimedia and home cinema applications. The user-friendly, easy to install, matchbox-sized device extends the HDMI transmission length by reclocking and regenerating the HDMI signal before it sends the output to the HDMI display or projector. It extends the HDMI cable distance between the HDMI player and the HDMI TV set. By placing your **PT-3H2** in the transmission path, it removes dropout and digital noise (sparkles) in your picture that may result from using long HDMI cables.

In addition, the **PT-3H2**:

- Provides a method of transmitting 4K@60Hz (4:4:4) signals at a distance of up to 20m from the source (10m from the source to the **PT-3H2**, and 10m from the **PT-3H2** to the display).
- Maintains an HDMI single link video resolution of up to 4K@60Hz (4:4:4) UHD.
- Supports the DDWG standard for HDMI compliant displays.
- Complies with HDCP 1.4 and HDCP 2.2 and supports HDMI 1.4 and HDMI 2.0.

## Set-Up Illustration



The **PT-3H2** input is connected via a long male-to-male HDMI cable (not provided) to an HDMI source, such as a 4K UHD Blu-ray player.

The **PT-3H2** output is connected via a second male-to-male HDMI cable (not provided) to an HDMI acceptor, such as a 4K UHD projector or display.

## SPECIFICATIONS

INPUT/OUTPUT:	HDMI
MAXIMUM RANGE:	4K@60 4:4:4 – 20m (65ft); 10m to <b>PT-3H2</b> , 10m to display 4K@60 4:2:0 / 4K@30 – 40m (130ft); 25m to <b>PT-3H2</b> , 15m to display 1080p@60 – 45m (150ft); 30m to <b>PT-3H2</b> , 15m to display
MAXIMUM RESOLUTION:	4K@60Hz 4:4:4
HDMI COMPLIANCE:	Up to HDMI 2.0
HDCP COMPLIANCE:	Up to HDCP 2.2
OPERATING TEMPERATURE:	0°C to +70°C (32°F to 158°F)
OPERATING HUMIDITY:	10% to 85% RH (no condensation)
STORAGE TEMPERATURE:	-10°C to +80°C (14°F to 176°F)
STORAGE HUMIDITY:	5% to 90% RH (no condensation)
DIMENSIONS:	2.7cm x 4.9cm x 1.5cm (1.1" x 2.0" x 0.6") W, D, H.
WEIGHT:	17g (0.6oz)
EXTERNAL POWER SOURCE (OPTIONAL):	5V, 150mA on micro-USB connector
Specifications are subject to change without notice For the most updated resolution list, go to our Web site at <a href="http://www.kramerelectronics.com">http://www.kramerelectronics.com</a>	