

## The Kramer PT-2H HDMI Extender

Thanks for purchasing your Kramer **PT-2H**, an HDMI EXTENDER, which is ideal for multi-media and home cinema applications. It is a user-friendly, easy to install, small matchbox-sized box that extends the HDMI transmission length by regenerating the HDMI signal before it sends the output to the HDMI display or projector. It lets you extend the HDMI cable distance between the HDMI player and HDMI TV set.

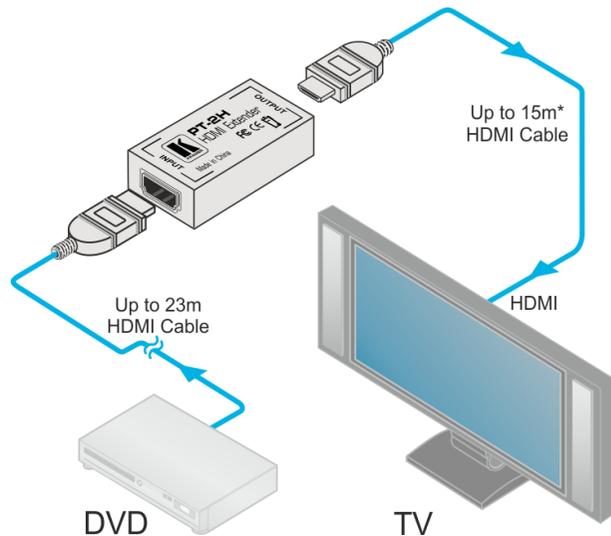


By placing your **PT-2H** near the display, it removes the digital noise (sparkles) in your picture that may result from using a long HDMI cable. In addition, the **PT-2H**:

- Provides a longer HDMI extension. The **PT-2H** can extend the maximum cable length to up to 38 meters (120 feet)
- Maintains an HDMI single link video resolution of 1080p
- Supports the DDWG standard for HDMI compliant displays
- Is HDCP Compliant

If a DVI device does not seem to function, verify that the device is HDCP compliant. A non-HDCP compliant DVI device will not work with a signal that is HDCP encoded.

### SET UP ILLUSTRATION



\* 7m for older models (please check with your local Kramer office).

The **PT-2H** input is connected via a long male-to-male HDMI cable (not provided) to an HDMI source, such as a DVD player or a satellite set top box.

The **PT-2H** output is connected via a second male-to-male HDMI cable (not provided) to an HDMI acceptor, such as a projector or plasma.

PT-2H INPUT CONNECTOR:



PT-2H OUTPUT CONNECTOR:



## SPECIFICATIONS

INPUT VIDEO SIGNAL:	HDMI/DVI-TMDS
MAX RANGE:	1920x1200, 1080p – 38m (120ft): 23m from HDMI source to <b>PT-2H</b> , 15m* from <b>PT-2H</b> to HDMI acceptor *7m for older models (check with your local Kramer office)
OUTPUT VIDEO:	HDMI, HDCP1.0/1.1
HDMI INPUT/OUTPUT CONNECTOR:	Type A 19-pin
PC VIDEO FORMAT:	All resolutions from VGA up to UXGA
DTV/HDTV VIDEO FORMAT:	480i, 576i, 480p, 576p, 720p, 1080i, and 1080p
HDMI COMPLIANCE:	HDMI
VIDEO AMPLIFIER BANDWIDTH:	1.65Gbps
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)
WEIGHT:	0.017kg (0.16lbs) approx.
DIMENSIONS:	2.7cm x 4.9cm x 1.5cm (1.1" x 2.0" x 0.6") W, D, H
Specifications are subject to change at <a href="http://www.kramerav.com">www.kramerav.com</a>	

## LIMITED WARRANTY

The warranty obligations of Kramer Electronics for this product are limited to the terms set forth below:

### What is Covered

This limited warranty covers defects in materials and workmanship in this product.

### What is Not Covered

This limited warranty does not cover any damage, deterioration or malfunction resulting from any alteration, modification, improper or unreasonable use or maintenance, misuse, abuse, accident, neglect, exposure to excess moisture, fire, improper packing and shipping (such claims must be presented to the carrier), lightning, power surges, or other acts of nature. This limited warranty does not cover any damage, deterioration or malfunction resulting from the installation or removal of this product from any installation, any unauthorized tampering with this product, any repairs attempted by anyone unauthorized by Kramer Electronics to make such repairs, or any other cause which does not relate directly to a defect in materials and/or workmanship of this product. This limited warranty does not cover cartons, equipment enclosures, cables or accessories used in conjunction with this product.

Without limiting any other exclusion herein, Kramer Electronics does not warrant that the product covered hereby, including, without limitation, the technology and/or integrated circuit(s) included in the product, will not become obsolete or that such items are or will remain compatible with any other product or technology with which the product may be used.

### How Long Does this Coverage Last

Seven years as of this printing; please check our Web site for the most current and accurate warranty information.

### Who is Covered

Only the original purchaser of this product is covered under this limited warranty. This limited warranty is not transferable to subsequent purchasers or owners of this product.

### What Kramer Electronics will do

Kramer Electronics will, at its sole option, provide one of the following three remedies to whatever extent it shall deem necessary to satisfy a proper claim under this limited warranty:

1. Elect to repair or facilitate the repair of any defective parts within a reasonable period of time, free of any charge for the necessary parts and labor to complete the repair and restore this product to its proper operating condition. Kramer Electronics will also pay the shipping costs necessary to return this product once the repair is complete.
2. Replace this product with a direct replacement or with a similar product deemed by Kramer Electronics to perform substantially the same function as the original product.
3. Issue a refund of the original purchase price less depreciation to be determined based on the age of the product at the time remedy is sought under this limited warranty.

### What Kramer Electronics will not do Under This Limited Warranty

If this product is returned to Kramer Electronics or the authorized dealer from which it was purchased or any other party authorized to repair Kramer Electronics products, this product must be insured during shipment, with the insurance and shipping charges prepaid by you. If this product is returned uninsured, you assume all risks of loss or damage during shipment. Kramer Electronics will not be responsible for any costs related to the removal or re-installation of this product from or into any installation. Kramer Electronics will not be responsible for any costs related to any setting up this product, any adjustment of user controls or any programming required for a specific installation of this product.

### How to Obtain a Remedy under this Limited Warranty

To obtain a remedy under this limited warranty, you must contact either the authorized Kramer Electronics reseller from whom you purchased this product or the Kramer Electronics office nearest you. For a list of authorized Kramer Electronics resellers and/or Kramer Electronics authorized service providers, please visit our web site at [www.kramerelectronics.com](http://www.kramerelectronics.com) or contact the Kramer Electronics office nearest you.

In order to pursue any remedy under this limited warranty, you must possess an original, dated receipt as proof of purchase from an authorized Kramer Electronics reseller. If this product is returned under this limited warranty, a return authorization number, obtained from Kramer Electronics, will be required. You may also be directed to an authorized reseller or a person authorized by Kramer Electronics to repair the product.

If it is decided that this product should be returned directly to Kramer Electronics, this product should be properly packed, preferably in the original carton, for shipping. Cartons not bearing a return authorization number will be refused.

### Limitation on Liability

THE MAXIMUM LIABILITY OF KRAMER ELECTRONICS UNDER THIS LIMITED WARRANTY SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID FOR THE PRODUCT. TO THE MAXIMUM EXTENT PERMITTED BY LAW, KRAMER ELECTRONICS IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY. Some countries, districts or states do not allow the exclusion or limitation of relief, special, incidental, consequential or indirect damages, or the limitation of liability to specified amounts, so the above limitations or exclusions may not apply to you.

### Exclusive Remedy

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IF ANY PRODUCT TO WHICH THIS LIMITED WARRANTY APPLIES IS A "CONSUMER PRODUCT" UNDER THE MAGNUSON-MOSS WARRANTY ACT (15 U.S.C.A. §2301, ET SEQ.) OR OTHER APPLICABLE LAW, THE FOREGOING DISCLAIMER OF IMPLIED WARRANTIES SHALL NOT APPLY TO YOU, AND ALL IMPLIED WARRANTIES ON THIS PRODUCT, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE PARTICULAR PURPOSE, SHALL APPLY AS PROVIDED UNDER APPLICABLE LAW.

### Other Conditions

This limited warranty gives you specific legal rights, and you may have other rights which vary from country to country or state to state.

This limited warranty is void if (i) the label bearing the serial number of this product has been removed or defaced, (ii) the product is not distributed by Kramer Electronics or (iii) this product is not purchased from an authorized Kramer Electronics reseller. If you are unsure whether a reseller is an authorized Kramer Electronics reseller, please visit our Web site at [www.kramerelectronics.com](http://www.kramerelectronics.com) or contact a Kramer Electronics office from the list at the end of this document.

Your rights under this limited warranty are not diminished if you do not complete and return the product registration form or complete and submit the online product registration form. Kramer Electronics thanks you for purchasing a Kramer Electronics product. We hope it will give you years of satisfaction.



KRAMER ELECTRONICS LTD.

# Installation Instructions

MODEL:

**PT-2H**  
HDMI Extender

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

**We welcome your questions, comments, and feedback.**

Web site: [www.kramerav.com](http://www.kramerav.com)

E-mail: [info@kramerel.com](mailto:info@kramerel.com)



### SAFETY WARNING

Disconnect the unit from the power supply before opening and servicing

P/N: 2900-000676 Rev 4



P/N: 2900-000676



Rev: 4