

CE labs can support many areas of your audio and video distribution needs.

We manufacture:

- Digital Signage software and Media Players
- HD Matrix Switchers
- RF amplifiers
- HDMI and Component HD distribution amplifiers
- CAT 5 Signal Extenders
- VGA Extenders and Splitters
- and cables of all types.

See our full product line at www.celabs.net

WARRANTY

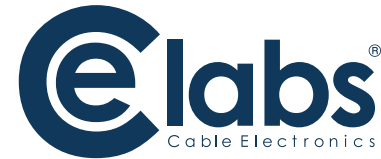
Cable Electronics, Inc. warrants this product to be free from defects in material and workmanship, under normal use and service, for a period of one year from the purchase by the original purchaser. If this product is defective or malfunctions, Cable Electronics will replace or repair this unit (at their option) within a reasonable time. No expressed or implied warranty is made for any defects caused by immersion or exposure to liquids, abuse, neglect, improper operation of unit, excess wear and tear and defects resulting from unauthorized disassembly and or modification.



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900-5065-10

INSTRUCTION MANUAL



HX1K-3

HDMI™ CAT6 Extender Series



HDMI™ Extra-Long Range CAT6 Extender uses only one cost-effective CAT5E/6 cable to extend your HDTV display up to 328 feet at 1080p. With high-quality, uncompressed video to deliver significant value to the entire home and commercial entertainment system.

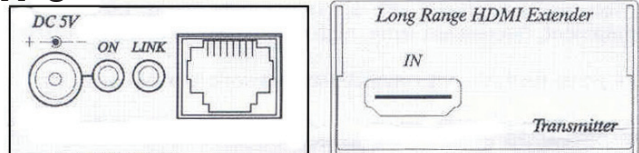
Features:

- Extends HDMI™ signal over one CAT5E/6 cable
- Uncompressed high definition video up to 1080p@ 60Hz@48bits and 3D capable
- Max data rate - 3.4Gbps.
- HDMI™ 1.3 and HDCP compliant
- Transmission range up to 328 feet at 1080p resolution

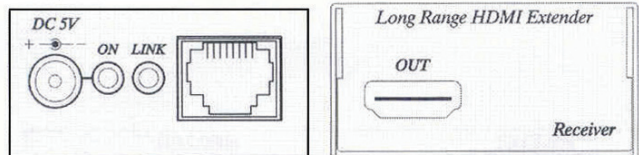


PANEL VIEW & FUNCTION

HX1T-3



HX1R-3

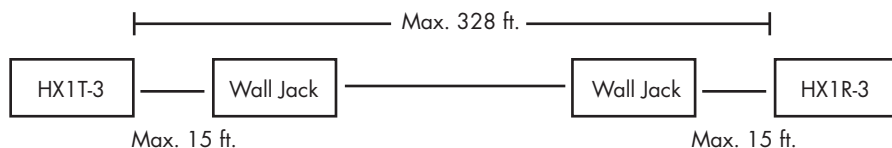


Cable

Recommended: high-quality CAT5E, CAT6, CAT6A, CAT7 UTP/STP or FTP cable

Transmission Distance

The maximum transmission distance reaches up to 328 feet; using a lower resolution will not extend longer distances.



RJ45 Pin Define

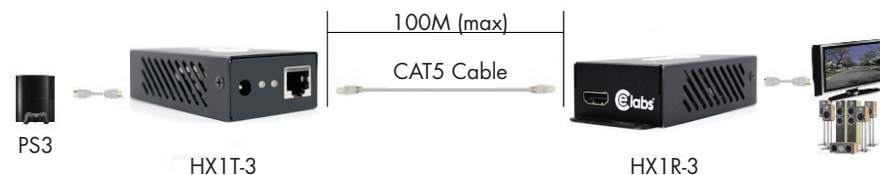
Video Link (TIA/EIA-568-B)

- | | |
|-----------------|--------|
| 1. Orange-White | DATA0+ |
| 2. Orange | DATA0- |
| 3. Green-White | DATA1+ |
| 4. Blue | DATA2+ |
| 5. Blue-White | DATA2- |
| 6. Green | DATA1- |
| 7. Brown-White | DATA3+ |
| 8. Brown | DATA3- |

Caution

1. Keep cables away from any equipment with an electromagnetic wave, e.g., mobile phone, microwave, radio equipment, fluorescent lamp, high voltage power lines...etc.
2. This device is not a network device, do not connect with a network to avoid damages.

INSTALLATION VIEW



SPECIFICATIONS

ITEM	HX1T-3	HX1R-3
Resolution	Up to 1080p/60Hz/48bit	
Link Cable Distance	328 ft. (max)	
HDMI™ Connector	Type A	
Power Supply	Regulated 5V/2A	
Power Consumption	450mA (max)	950mA (max)
Temperature	Operation 32-131°F, Storage: -4-185°F	
Humidity	Up to 95%	
Dimensions WxHxD	1.9" x 3.6" x 1"	1.9" x 3.6" x 1"
Weight	4.2 oz.	4.8 oz.

Package Contents

Transmitter x 1 piece
 Receiver x 1 piece
 Power adapter x 2 pieces
 Manual
 Screws