

WARRANTY

NXG products are designed to the highest possible value and performance standards. Our confidence in their quality is such that NXG Technology offers customers this transferable limited warranty:

NXG Products Two-Year Limited Warranty

If the NXG products prove to be defective in workmanship or materials within two years from the date of the original customer's purchase, we will, at our option, repair or replace the defective products.

DISCLAIMER

THE WARRANTY STATED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE AND ALL OTHER LIABILITIES AND OBLIGATIONS OF NXG TECHNOLOGY, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. NXG TECHNOLOGY HAS NOT MADE AND DOES NOT HEREBY MAKE ANY OTHER REPRESENTATION, WARRANTY OR COVENANT WITH RESPECT TO THE CONDITION, QUALITY, DURABILITY, DESIGN, OPERATION, CAPACITY, FITNESS FOR USE OR SUITABILITY OF THE NXG PRODUCT.

Exclusion of Certain Damages

NXG Technology's liability for any defective product is limited to repair or replacement of product at our option. NXG Technology shall not be liable for incidental or consequential damages of any kind or character because of product defects. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply.

This Warranty Does Not Cover:

- Damage caused by abuse, accident, misuse, negligence, or improper operation.
- Any product whose serial number has been altered, defaced, or removed.
- Products that have been altered or modified.
- Normal wear and maintenance.
- Damages caused by shipping. (All claims for shipping damage must be made with the carrier.)

Warranty Service

Warranty service must be performed by an authorized service center, usually an NXG dealer or its authorized agent. All warranty repairs must be accompanied by the original bill of sales. No other document is acceptable or is required. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

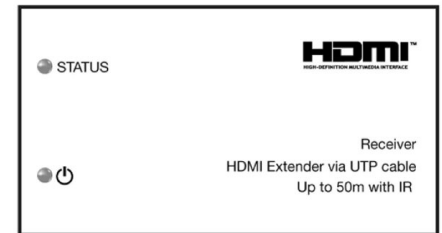
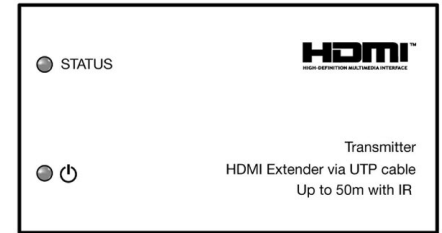
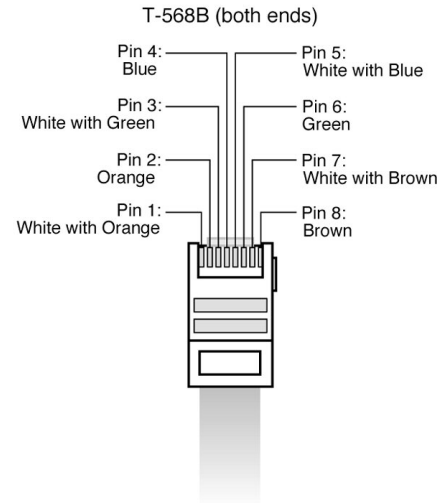


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NX-HDMIX-IR-50 HDMI Extender



DEAR CUSTOMER

Thank you for purchasing the NX-HDIMIX-IR-50 product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual in a safe place for future reference.

FEATURES

- Small compact size
- IR pass through allows control of the source from a remote location
- Substitute inexpensive dual CAT5E/6 UTP cable for an HDMI cable to achieve long distance 1080P transmission
- UTP Cable connections must be IEEE-568B
- 1080P transmission distance reaches 50 meters (165')
- Automatic feedback, equalization and amplification
- Signal rates up to 2.25Gbits in support of most 1080P displays
- ESD protection inside
- Operates using DC 5V Power

NOTICE

NXG Technology reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

OPERATING INSTRUCTIONS

TABLE OF CONTENTS

- Specifications
- Package Contents
- Panel Descriptions
- Connecting and Operating
- Maintenance
- Product Service
- Warranty

SPECIFICATIONS

Operating Temperature Range	-5 to +35° C (-41 to +95° F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Input Video Signal	0.5-1.0 Volts P-P
Input DDC Signal	5 volts p-p (TTL)
Support Video Format	DTV/HDTV:480i/576i/480P/576P/720P/1080i/1080P
HDMI Output	Compliant with HDMI 1.3, HDCP 1.1
Support Audio Format	DTS-HD Master Audio/Dolby true-HD etc.
Transmission Distance	1080P 8-bit 50m(Maximum) over CAT5E/CAT6 /24AWG/Solid (recommend to use 23AWG Cat6 cable)
Power consumption	3 watts (Maximum)
Dimension (L x W x H)	83 x 46 x 23mm
Net Weight	213g (Pair)

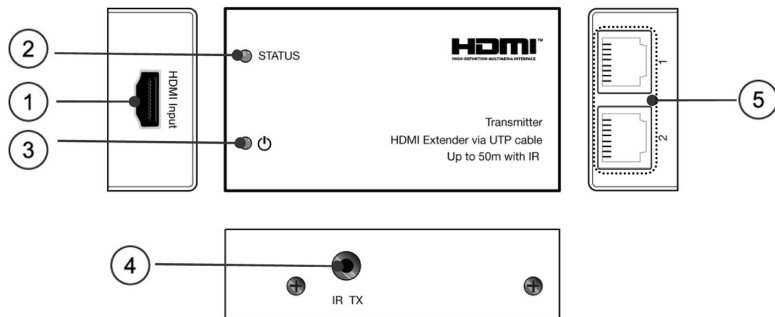
Note: Specifications are subject to change without notice. Mass and dimensions are approximate. When in 36Bit deep color mode, we suggest setting the HDMI source device to output 1080i or 720p.

PACKING CONTENTS

- | | |
|--------------------------------------|------------------------------|
| 1) Main Unit. Transmitter & Receiver | 2) IR-TX cable & IR-RX cable |
| 3) DC5V Power Supply | 4) Operating Instructions |

PANEL DESCRIPTIONS

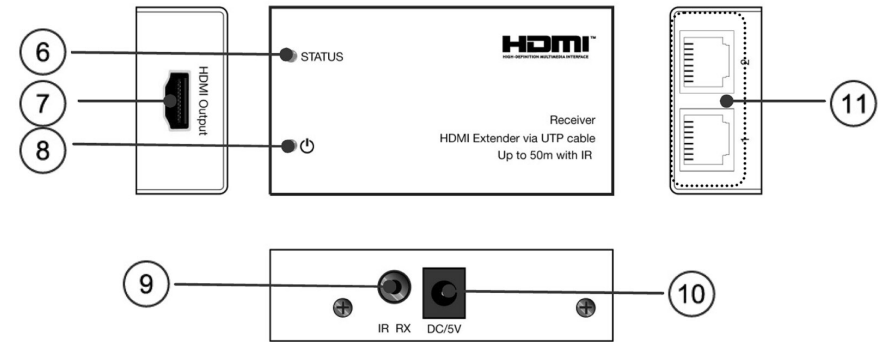
Transmitter Panel



- | | | |
|----------------|--------------------------------|--------------------------|
| 1) HDMI input | 2) Status of signal connection | 3) Status of power input |
| 4) IR-TX input | 5) TX CAT-5E/6 output1/output2 | |

OPERATING INSTRUCTIONS

Receiver Panel



- | | | |
|--------------------------------|-----------------|---------------------------------|
| 6) Status of signal connection | 7) HDMI output | 8) Status of power input |
| 9) IR-RX input | 10) Power input | 11) RX CAT-5E/6 input 1/input 2 |

CONNECTING AND OPERATING

- 1) Connect the HDMI from the source to HDMI Input of the transmitter.
- 2) Connect two Cat5e/Cat6 cables to the outputs of the transmitter and inputs of the Receiver. Make sure to keep the correct cable connection on two cables, 1 to 1, 2 to 2 (The cables connections at the RJ45 connector must follow EIA-TIA 568B standards).
- 3) Connect the RX HDMI Output into the display source
- 4) Connect IR-RX cable into IR-RX input and affix the IR receiver in direct line of sight adjacent to the display
- 5) Connect IR-TX cable into IR-TX end and affix the emitter on the source IR window
- 6) In some cases the power adapter isn't needed. However, the power adapter is needed when the signal source doesn't sufficiently drive 5V long distances.
NOTE: Gently Insert/Extract all cables.

MAINTENANCE

Clean both units with a soft, dry cloth. Never use alcohol, paint thinner or other harsh chemicals to clean this unit. While dusting, be careful not to knock off the IR emitter or IR receiver from their affixed locations.

PRODUCT SERVICE

- 1) The unit should be serviced by qualified service personnel if:
 - (a) DC power supply cord or AC adaptor has been damaged
 - (b) Objects or liquids damaged the unit
 - (c) The unit has been exposed to rain
 - (d) The unit does not operate normally or exhibits a change in performance
 - (e) The unit has been dropped and the cabinet damaged
- 2) Do not attempt to service the unit beyond what is described in this manual.