



HDMI-2X8

2 INPUT BY 8 OUTPUT DISTRIBUTION AMPLIFIER



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Overview

The Intelix HDMI-2X8 is not a standard 2 by 8 distribution amplifier. Instead, it features two independent inputs—an HDMI input, as well as a DVI input with optional digital SPDIF or optical audio. When the DVI/digital audio source is selected, the HDMI-2X8 automatically converts the signal to the HDMI format and routes it to eight HDMI outputs. Front panel source selection provides switching between the HDMI and DVI/digital audio inputs. Multiple HDMI-2X8s may be linked for more than eight outputs. The HDMI-2X2 supports resolutions up to 1080p and is HDCP compliant.

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HDMI-2X8 Package Contents

- HDMI-2X8 distribution amplifier
- 12 VDC power supply
- Manual

Warning

- Do not expose the HDMI-2X8 to fluids or excessive moisture.
- Do not install the HDMI-2X8 near excessive sources of heat.
- Ensure the HDMI-2X8 is located in a well ventilated area.
- Do not place objects or equipment directly on or behind the HDMI-2X8.
- Clean the HDMI-2X8 only with a dry cloth. Never use flammable materials for cleaning the HDMI-2X8.
- Do not open or attempt to service the HDMI-2X8.

Installation

To install the Intelix HDMI-2X8 distribution amplifier, please perform the following steps.

1. If mounting in a 19” audio/video rack, affix the 19” rack ears to the HDMI-2X8. The HDMI-2X8 requires 2 rack units of spacing.
2. Power-off the source and destination audio and video devices.
3. Connect the input sources to the HDMI-2X8 using high-quality HDMI or DVI and digital audio cables.
4. Connect the output destination to the HDMI-2X8 using high-quality HDMI cables.
5. Connect the included 12 VDC power supply to the HDMI-2X8.
6. Power-on the HDMI-2X8.
7. Power-on the source and destination audio and video devices.
8. Select the desired input—either HDMI or DVI and digital audio—via the front panel *source select* switch.

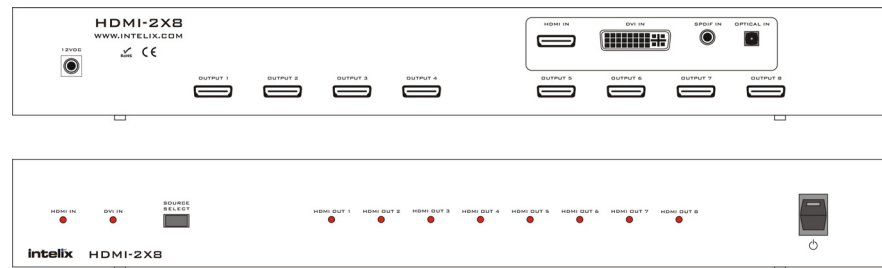
Ventilation when Rack Mounting

- At least 2 inches of free air space is required on both sides of the HDMI-2X8 for proper side ventilation.
- Ensure there are no closeable doors on the rack that might seal the HDMI-2X8 from a steady supply of cool air.
- Avoid mounting the HDMI-2X8 near a power amplifier or any other source of significant heat.
- It is recommended that you leave an empty rack space above and below the HDMI-2X8 for additional cooling.

Technical Specifications

Vertical Frequency Range	60 Hz.
Output Video	HDMI/HDCP 1.0/1.1
Maximum Single Link Range.....	1280 x 1024, 1080p
Input DDC Signal	5.0 volts p-p (TTL)
Input Video Signal.....	0.5 – 1.0 volts p-p
Video Amplifier Bandwidth.....	140 mHz
Input Connectors	One (1) HDMI type A connector One (1) DVI-D connector One (1) SPDIF connector One (1) optical connector
Output Connectors.....	Eight (8) HDMI type A connectors
High-Definition Compatible.....	1080i, 1080p, 720p, 480i, 480p
VGA Compatible.....	640 x 480, 800 x 600, 1024 x 768, 1280 x 1024
Diagnostic.....	Front panel input switch; front panel channel LEDs
Operating Temperature Range.....	-41 to 95 degrees F -5 to 35 degrees C
Operating Humidity Range.....	5 to 90% non-condensing
Linkable.....	Yes*
Included Accessories	One (1) 12VDC power supply Two (2) 19” rack mounting ears
Control.....	Front panel channel switch
Dimensions.....	17.38” x 8.00” x 2.13”
Enclosure	Black metal
Max Power Consumption	15 watts
Power.....	12 VDC
Regulatory	CE, RoHS
Shipping Weight.....	9.0 lbs
Intelix Part Number	HDMI-2X8
Warranty.....	2 years

*Intelix recommends linking a maximum of five units with the units no more than 30 feet apart.



Warranty

All Intelix products are guaranteed against malfunction due to defects in materials or workmanship for two years after date of purchase. If a malfunction does occur during the specified period, the defective product will be repaired or replaced at Intelix's option without charge. Furthermore, the "Fresh Start" program ensures that a product which has been repaired or replaced is itself guaranteed for an additional two years.

This warranty does not cover: 1) Malfunction resulting from use of the product other than as specified in the user manual; 2) Installation specific wiring; 3) Malfunction resulting from abuse or misuse of the product; 4) Exterior chassis appearance; 5) Malfunction occurring after repairs have been made by anyone other than Intelix or any of its authorized service representatives; 6) Acts of nature; 7) Optional embedded software upgrades or updates.

All repair and service of Intelix products should only be provided by qualified service personnel. Please contact Intelix for a list of authorized service agents. Other attempts at service or repair will void the warranty. Warranty service is only offered after a return authorization number has been generated by an authorized Intelix factory representative.

Intelix Applications and Engineering support must be contacted prior to any return of goods. To return a unit for service or repair, please call Intelix directly for a return authorization number. Intelix will match shipping charges for units still under warranty. If a unit which is out of warranty needs repair, the dealer must pay for shipping, replacement parts, and a fixed \$100/hr labor fee. Normal Intelix credit terms apply to billable repairs. If a unit is returned and found to work according to factory specifications, a standard \$100 service fee is billed regardless of warranty status. All repairs are made in a reasonably quoted amount of time; a rush shipment fee may apply to repairs needing a quicker than usual turn-around time.

Note: Warranty Terms and Conditions subject to change and do not apply outside the United States.

Thank you for your purchase.

We appreciate your business. Please contact us with your questions and comments.

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