



# HDMI-2X2

2 INPUT BY 2 OUTPUT DISTRIBUTION AMPLIFIER



## Table of Contents

Overview.....	3
Installation .....	4
Technical Specifications .....	5
Warranty .....	6
Contact Information.....	7

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## Overview

The Intelix HDMI-2X2 is not a standard 2 by 2 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-2X2 automatically converts the signal to the HDMI format and routes it to two HDMI outputs. Front panel source selection provides switching between the HDMI and DVI/digital audio inputs. Multiple HDMI-2X2s may be linked for more than two outputs. The HDMI-2X2 supports resolutions up to 1080p and is HDCP compliant.

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### *HDMI-2X2 Package Contents*

- HDMI-2X2 distribution amplifier
- 5 VDC power supply
- Manual

## Installation

To install the Intelix HDMI-2X2 distribution amplifier, please perform the following steps.

1. Power-off the source and destination audio and video devices.
2. Connect the input sources to the HDMI-2X2 using high-quality HDMI or DVI and digital audio cables.
3. Connect the output destination to the HDMI-2X2 using high-quality HDMI cables.
4. Connect the included 5 VDC power supply to the HDMI-2X2.
5. Power-on the HDMI-2X2.
6. Power-on the source and destination audio and video devices.
7. Select the desired input—either HDMI or DVI and digital audio—via the front panel *source select* switch.

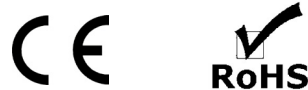
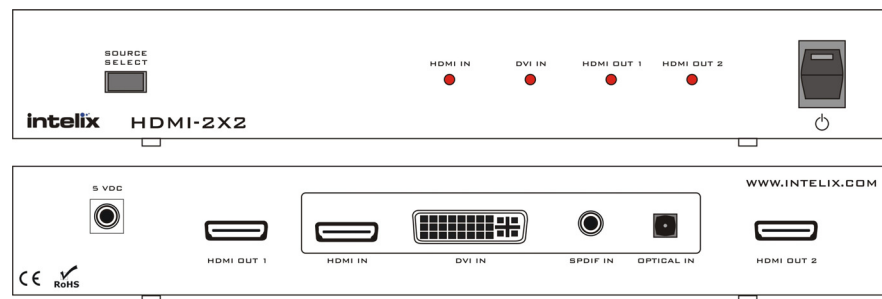
### ***Warning***

- Do not expose the HDMI-2X2 to fluids or excessive moisture.
- Do not install the HDMI-2X2 near excessive sources of heat.
- Ensure the HDMI-2X2 is located in a well ventilated area.
- Do not place objects or equipment directly on or behind the HDMI-2X2.
- Clean the HDMI-2X2 only with a dry cloth. Never use flammable materials for cleaning the HDMI-2X2.
- Do not open or attempt to service the HDMI-2X2.

## 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.....	Two (2) HDMI type A connectors
High-Definition Compatible.....	1080i, 1080p, 780i, 780p, 480i, 480p
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) 5 VDC power supply
Control.....	Front panel channel switch
Dimensions .....	10.63” x 7.89” x 1.63”
Enclosure .....	Black metal
Max Power Consumption .....	15 watts
Power.....	12 VDC
Regulatory .....	CE, RoHS
Shipping Weight.....	5.0 lbs
Intelix Part Number .....	HDMI-2X2
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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