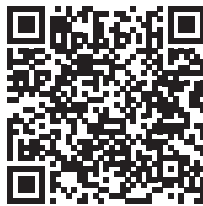# intelix

DIGITAL & ANALOG DEVICES

INT-HD52 Quick Install Guide

This guide is for quick installation only.
For complete owners manual go to www.libav.com or use a QR reader to access the manual via QR code below.
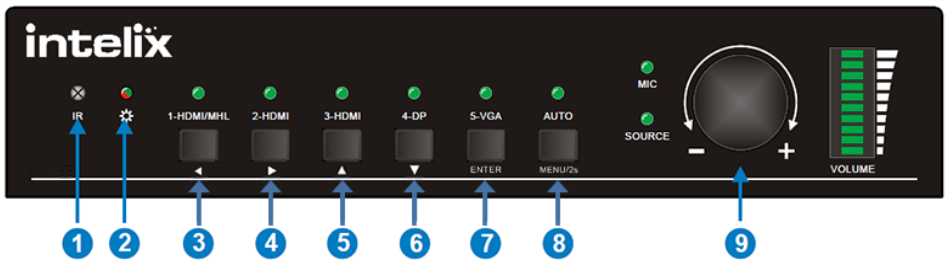

Scan QR Code with your Smart-phone or Tablet

Important notice:
  • Do not attempt to disassemble or alter the housing. There are no user-serviceable parts inside the unit. Doing so will void your warranty.
  • To minimize the possibility of equipment damage from electrostatic discharge (ESD), all source and destination equipment must be powered off during installation.
  • Do not connect the device to a telecommunication outlet wired to unrelated equipment. Doing so may damage the unit or any connected equipment. Ensure all connected twisted pair cabling is straight-through (point-to-point).
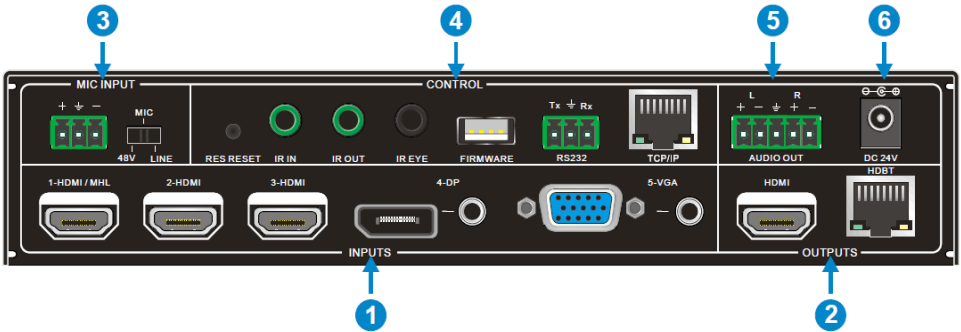 • Allow proper ventilation to reduce the risk of thermal failure.

The Intelix INT-HD52 is a 5 input multi format A/V presentation auto switcher that scales video signals to an HDMI and HDBaseT output simultaneously. HDBaseT output supports PoH and can connect to a compatible HDBaseT receiver up to a maximum of 70 meters / 230 feet (HDBaseT receiver sold separately). With 1 IR In and 1 IR Out and 1 RS232, the IR and RS232 control signals can be transmitted bi-directionally between the INT-HD52 and a compatible HDBaseT receiver. The INT-HD52 can be controlled either by front panel buttons, IR remote, IP, RS232 or web based GUI. With a microphone input that supports phantom power and a balanced stereo audio output for audio reinforcement, the INT-HD52 can handle a myriad of A/V applications.

Front Panel

1. Built in IR Receiver
2. Power Indicator - GREEN when device is in standby mode, RED when device is powered on and no indicator when there is no power to device
3. 1-HDMI/MHL input selector and activity LED / Left Key for On screen display control (OSD)
4. 2-HDMI input selector and activity LED / Right Key for OSD
5. 3-HDMI input selector and activity LED / Up Key for OSD
6. 4-Display Port input selector and activity LED / Down Key for OSD
7. 5-VGA input selector and activity LED / Enter Key for OSD
8. Auto Switching selector and activity LED- Press this to enter / exit auto-switching mode / OSD menu button

    • **NOTE:** When you set the VGA input port to C-Video or YPbPr in Manual-switching mode, the system will not be able to enter auto-switching mode.

    • Hold this button down for 3 seconds to enter On Screen Display menu (OSD)

9. Volume knob for variable audio control- Push knob in to toggle between 'Mic' and 'Source' control

Rear Panel

1. **INPUTS**
   - Video input ports: 1 HDMI/MHL, 2 HDMI inputs, 1 Display Port and 1 VGA
   - Audio input ports: 1 Display Port external audio input and 1 VGA auxiliary audio input
2. **OUTPUTS**
   - HDMI output: HDMI video output port
   - HDBaseT output: Supports PoH. Connect to a compatible HDBaseT receiver to transmit A/V, IR and RS232 control
3. **MIC INPUT**
   - Mic audio port connects to microphone
   - Dial switch- switches between 3 different modes; **48V** for condenser mics, MIC mode for dynamic mics and LINE mode for line level audio
4. **CONTROL**
   - RES RESET - press this to reset output resolution to 720p or to activate HDMI and HDBT outputs if they have been turned off
   - IR IN / IR OUT - connect with IR receiver and emmiter to control devices via IR
   - FIRMWARE - Type-A USB port for updating firmware
   - RS232 - Serial port, connect a control device to control the INT-HD52
   - TCP/IP - Ethernet port, connect a control device or computer to control INT-HD52
5. **AUDIO OUTPUT**
   - Stereo balanced L/R audio output
6. **DC 24V**
   - Locking power port, connect DC 24V power adapter

Connectivity Instructions

1. Verify all components included are present before installation.

2. Connect HDMI source devices to HDMI inputs 1-3

3. Connect a Display Port source device to DP input

4. Connect a VGA source device to VGA input

5. Select appropriate MIC level mode and connect microphone to MIC input port

6. Connect an HDMI display device to the HDMI output port

7. Connect a compatible HDBaseT receiver such as the Intelix INT-HD70-RX to the HDBT output port with twisted pair cabling

8. Connect AUDIO OUTPUT port to audio amplifier or powered speakers

9. Connect control devices (control systems) to the TCP/IP port for IP control

10. Connect control devices (control systems) to the RS232 for serial control

11. Connect IR eye to the IR EYE port so the INT-HD52 can be controlled via IR remote in rack cabinets or underneath a conference table

12. Both the INT-HD52 and a compatible HDBaseT receiver will have an IR IN and an IR OUT. When one device is connected with an IR emitter to the IR OUT then the other device should be connected with an IR eye into IR IN

13. Plug the power supply into the power input port of the INT-HD52

14. Power on attached audio/video devices.

Note: A compatible HDBaseT receiver can be powered by the INT-HD52 when connected to the HDBT output. However an HDBaseT receiver cannot power the INT-HD52

Technical Specifications

VIDEO	
Video Inputs	(3) HDMI; (1) Display Port; (1) VGA
Video Input Connector	(3) HDMI type A; (1) Display Port female; (1) VGA female 15 pin
Input Video Signal	HDMI, DP, YPbPr, C-video, VGA
Video Output	(1) HDMI; (1) HDBaseT
Video Output Connector	(1) HDMI type A (1) RJ45
Output Video Signal	HDMI; HDBaseT
Output Resolution	1920x1200; 1920x1080; 1600x1200; 1600x900; 1360x768; 1280x800; 1280x720; 1024x768
Standards	Compliant with HDMI 1.4 & HDCP2.2
Audio	
Audio Input	(1) stereo audio input for DP, (1) stereo audio input for VGA (1) Microphone audio
Audio Input Connector	(2) 3.5mm Stereo jacks; (1) 3-Pin phoenix
Audio Input Impedance	> 10k Ohm
Audio Output	1 Dual-Mono analog
Audio Output Connector	(1) 5 Pin phoenix
Audio Output Impedance	70 Ohms
Frequency Response	20Hz~20K Hz
Stereo Channel Separation	>80dB @1KHz
CONTROL	
Control Port	(1) IR IN (1) IR OUT (1) IR EYE (1) RS232 (1) TCP/IP
Control Connector	(3) 3.5mm mini jack (IR) (1) 3 pin phoenix connector (RS232) (1) RJ45 (TCP/IP)
Other	
Transmission Distance	1080p 70m or less when using Cat6
Temperature	0 ~ +50 C
Humidity	10% ~ 90%
Power Supply	DC24V 2.71A
Power Consumption	27W
Dimension (W*H*D)	8.6" x 1.73" x 6.79"
Weight	2 lbs
Warranty	2 years
Included Accessories	(2) Mounting ears with screws; (1) power adapter (24VDC, 2.71A); (4) plastic cushions (1) IR Remote; (1) VGA to component breakout cable; (1) RS232 to 3 pin phoenix breakout cable; (1) IR emitter (1) IR eye; (1) Quick Install Guide

Thank you for your purchase.

For Technical Support please call our toll free number at
800-530-8898 or email us at supportlibav@libav.com

www.intelix.com
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