



# DIGITALINX

VALUE-ENGINEERED DIGITAL SOLUTIONS

## DL-S41-H2 Quick Install Guide



This guide is for quick installation only.  
For complete owners manual and list of commands, go to [www.libav.com](http://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

## Product Overview

The DL-S41-H2 is a slimline HDMI 2.0b auto switcher with four HDMI video inputs and one HDMI output. This switcher supports HDMI video resolutions up to 4Kx2K@60Hz 4:4:4, HDR, and multichannel audio. In addition to passing EDID information from the display, there are multiple built-in EDID settings to simplify an installation. The switcher will de-embed digital stereo audio to provide an analog audio source for an existing audio system. The switcher also supports audio return channel (ARC) for transmitting audio back to HDMI input and audio output ports from display device.

When in auto-switch mode, the switcher will switch to an HDMI input as soon as a new source is connected. When the active is removed, the switcher will select the first source on the lowest numbered input. The switcher may also be controlled via RS232, IR with the included remote, or from the source button on the front of the switcher.

## Package Contents

- DL-S41-H2 HDMI 2.0b Auto Switcher
- Quick Install Guide
- (1) IR Remote
- (1) IR Receiver
- (1) RS232 3.5mm to DB9 adapter cable
- (1) DC5V 1A power supply with US, UK, EU and AU power adapter plugs
- (2) Mounting ears with mounting screws
- (4) Plastic cushions

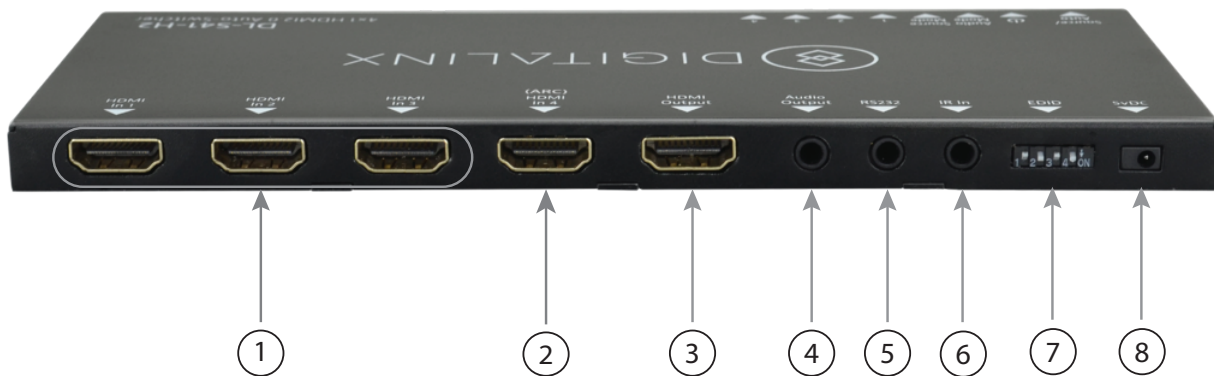
# Front and Rear Panels

## Front



1. AUTO/SOURCE- Auto / manual mode switching selection
  - Press and hold 3 seconds to switch between switching modes
2. POWER LED - Illuminates RED when power is applied
3. AUDIO MODE LED - Audio mode indicator
  - When LED is green, unit is in de-embed mode
  - When LED is yellow, unit is in ARC mode
4. SOURCE MODE LED- Switch mode indicator
  - When LED is green, unit is in manual switch mode
  - When LED is yellow, unit is in auto switch mode
5. HDMI INPUT LEDS - Illuminates GREEN when there is an HDMI input on the corresponding channel
6. FIRMWARE - USB port for firmware updates

## Rear



1. HDMI IN 1-3 - HDMI inputs 1- 3 for HDMI sources
2. (ARC) HDMI IN 4 - ARC compatible HDMI input
3. HDMI OUTPUT- HDMI output to connect to display technology
4. AUDIO OUTPUT - 3.5mm audio output jack
5. RS232- 3.5mm serial control output
6. IR IN - 3.5mm IR input port for IR receiver (included)
7. EDID - 4 pin dip switch for EDID settings
8. DC 5V- DC barrel port for 5V power adapter (included)

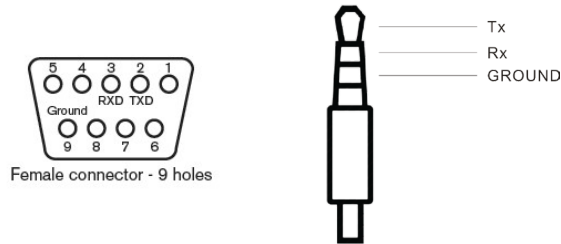
# Connectivity Instructions

1. Verify all components included are present before installation.
2. System should be installed in a clean environment with proper temperature and humidity.
3. All A/V devices including switcher should be connected together before powering on.
4. Connect HDMI source devices to HDMI inputs
5. Connect an HDMI display device to the HDMI output port
6. Connect the AUDIO OUTPUT port on receiver to audio amplifier (optional)
7. Connect the supplied IR receiver to the IR IN port to control switcher with supplied IR remote (optional)
8. Connect RS232 port for serial control (optional)  
**Note:** A complete list of RS232 commands are located in the DL-S41-H2 owners manual locate online at [www.libav.com](http://www.libav.com)
9. Set EDID dip switch to desired EDID setting  
**Note:** DL-S41-H2 ships with all dip switches in the OFF position or pass through EDID communication
10. Connect the included power supply to the DL-S41-H2 switcher
11. Power on attached audio / video and control devices

# Cabling Wiring Requirements

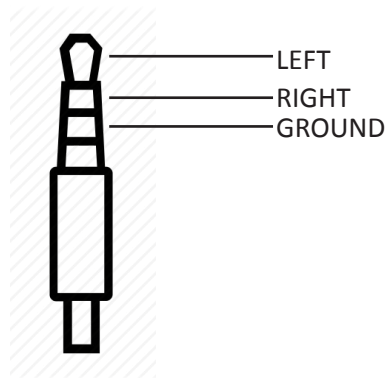
## **RS232 Wiring**

Connect the 3rd party controller device RX signal to TX pin of the DL-S41-H2 DB9 breakout cable. Then connect the controller TX signal to the RX in to complete wiring.



## **Audio Output Wiring**

Below is an audio cable pin-out that is compatible with the DL-S41-H2 audio output



## Technical Specifications

<b>VIDEO</b>	
Video Inputs	(4) HDMI
Video Input Connector	(4) HDMI type A
Input Video Signal	HDMI
Video Output	(1) HDMI
Video Output Connector	(1) HDMI type A
Output Video Signal	HDMI
Input Resolutions Supported	Up to 3840 x 2160 @ 60Hz, 4:4:4, 8bit color depth
Standards	Compliant with HDMI 2.0b & HDCP2.2
<b>AUDIO</b>	
Supported output formats	PCM 2.0
Audio Output	Stereo analog
Audio Output Connector	(1) 3.5mm TRS audio jack
Audio Output Impedance	70 Ohms
Frequency Response	20Hz~20K Hz
<b>CONTROL</b>	
Control Port / Connector	(1) IR / 3.5mm connector (1) RS232 / 3.5mm connector
<b>OTHER</b>	
System Bandwidth	18Gbps
Operating Temperature	-10C ~ +55C
Storage Temperature	-25C ~ +70C
Humidity	10% ~ 90%
Power Supply	Input:100V~240V AC; Output: 5V DC 1A
Power Consumption	5 watts
Dimension (W*H*D)	194mm * 12mm * 81mm / 7.6" * .47" * 3.2"
Weight	180g / .4 lbs
Warranty	2 years
Certification	CE, FCC, RoHS

Thank you for your purchase.

For Technical Support please call our toll free number at  
800-530-8998 or email us at [supportlibav@libav.com](mailto:supportlibav@libav.com)

[www.intelix.com](http://www.intelix.com)  
[www.libav.com](http://www.libav.com)

Digitalinx is a brand of:



**LIBERTY**  
AV SOLUTIONS

11675 Ridgeline Drive  
Colorado Springs, Colorado  
80921 USA  
Phone: 719-260-0061  
Fax: 719-260-0075  
Toll-Free: 800-530-8998