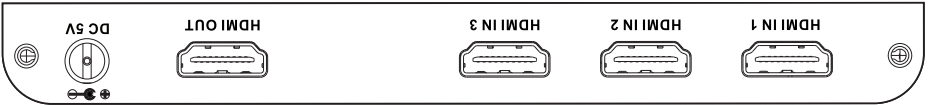




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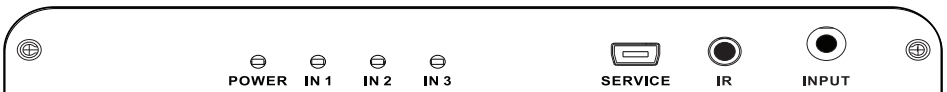
DL-A31 Installation Guide



DL-A31

3x1 HDMI Matrix Switcher

 DIGITALINX



Included Accessories

- Installation Guide
- Power Supply
- IR Remote
- 38KHz IR Receiver Cable

The DigitaLinx DL-A31 is a three input by one output slim HDMI matrix with Ultra HD 4K support. The DL-A31 is HDMI 2.0, HDCP 2.2, and DVI 1.0 compliant. The matrix switcher offers video formats such as 4k/30Hz with 24bit at 4:4:4/ 4:2:2 and up to 4k/60Hz with 12bit at 4:2:0.

The DL-A31 can be controlled via IR Remote or front panel. The matrix switcher provides smart auto switching functionality along with a wide range of audio support, LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio.

Instructions

1. Verify all components included with the matrix switcher are present before installation.
2. Turn off power and disconnect the audio/video equipment by following the manufacturer's instructions.
3. Connect HDMI source devices (such as a Blu-Ray, game consoles, media server etc.) to the input ports of the matrix using quality HDMI cables.
4. Connect HDMI display devices (LED/LCD display or projector) to the output ports of the matrix.
5. Connect the included power supply to the matrix switcher.
6. Power on attached audio/video devices.

IR Remote Functionality

The included remote control can be used to switch the HDMI source for the display device. Connect the included 38KHz IR Receiver Cable to the IR input port on the matrix switcher. Please make sure that the remote is pointed directly at the IR receiver.



Important notice:

- Do not attempt to disassemble or alter the extender 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 extender 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.

Technical Specifications

Supported Audio and Video	
Video Bandwidth	300MHz/10.2 Gbps
Input Ports	3 x HDMI Female
Output Ports	1x HDMI Female
Output Resolution	480i - 1080p50/60,4Kx2K@24/30, 4k2k@60Hz with 12bit YCBCR 4:2:0, VGA-UXGA
Video Compliance	HDCP 2.2
Chassis and Environmental	
Dimensions	64 mm x 155mm x 17 mm
Weight	180g
Operating Temperature	32 °F-104 °F
Storage Temperature	-4°F -140 °F
Operating Humidity (Environment)	20 % to 90%, Non-condensing
Power	
ESD Protection	Human-body Model: 8Kv (Air-gap discharge)/ 4Kv (Contact Discharge)
Power Supply Output Voltage	5V / 1A DC
Power Consumption	2W (Max.)
Other	
Standard Warranty	2 Years
Included Items	Installation Guide, Power Supply, IR Remote, 38KHz IR Receiver Cable



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