

QUICK GUIDE



3x1 4K HDMI Auto Switcher

DL-A31-H2

PRODUCT OVERVIEW

The DigitaLinx DL-A31-H2 is a compact, ultra-slim HDMI auto switcher offering three enhanced 4K HDMI ports with one output. Ideal for gamers, home theatre enthusiasts, or commercial deployments where simplicity is key. Connectivity includes three HDMI inputs, one HDMI output, IR port, power port and Switch button with integrated LED indicators.

- Supporting resolutions up to 4K2K@50/ 60Hz YCbCr 4:4:4
- HDR, HDR10, Dolby Vision and HLG Ready
- Minimum power consumption: Powered using provided USB cable
- Multiple control configurations:
 - Manual: Button panel
 - Auto: HDMI 5V
 - IR: Remote
 - Third Party: Send discrete IR commands

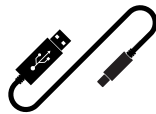
PACKAGE CONTENTS



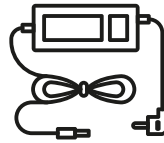
(x1) User Manual



(x1) HDMI Switcher



(x1) IR Receiver Cable

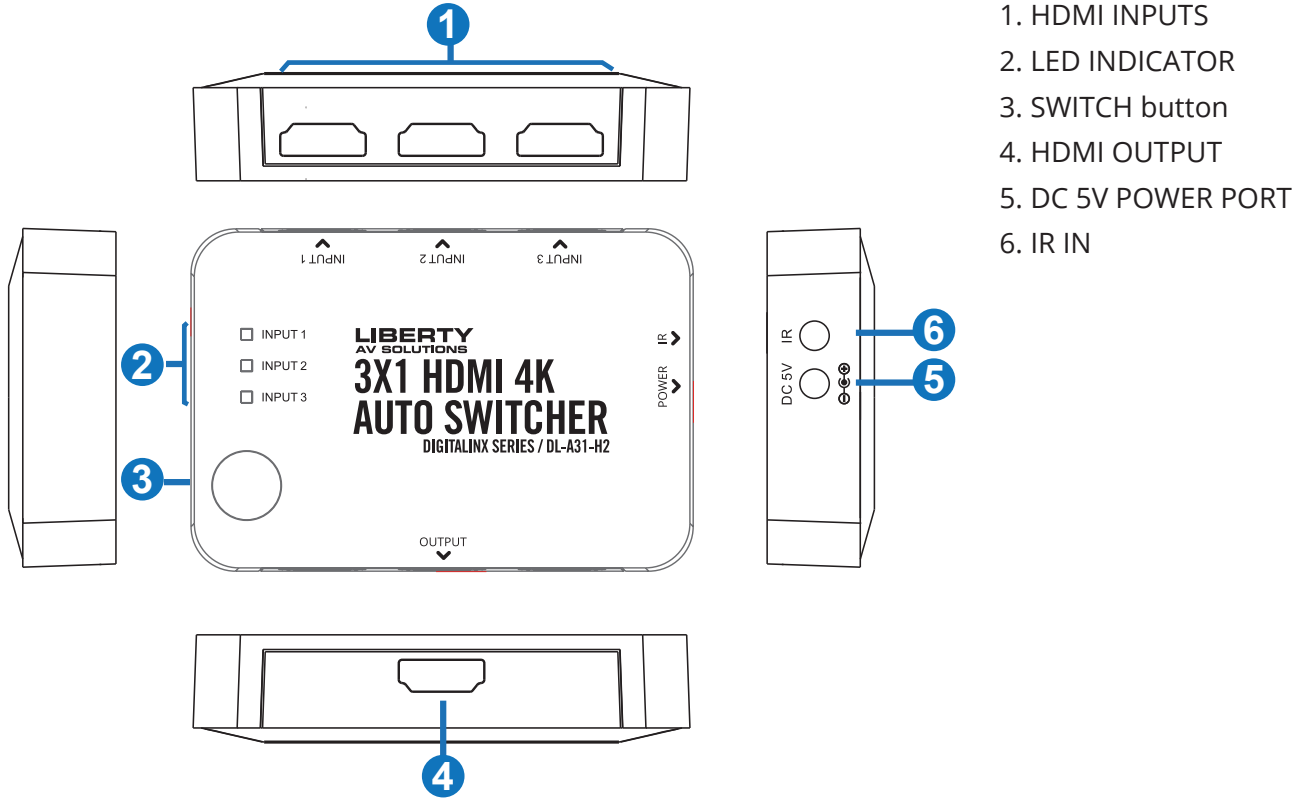


(x1) 5V USB Power Cable



(x1) Remote Control

PRODUCT BREAKDOWN



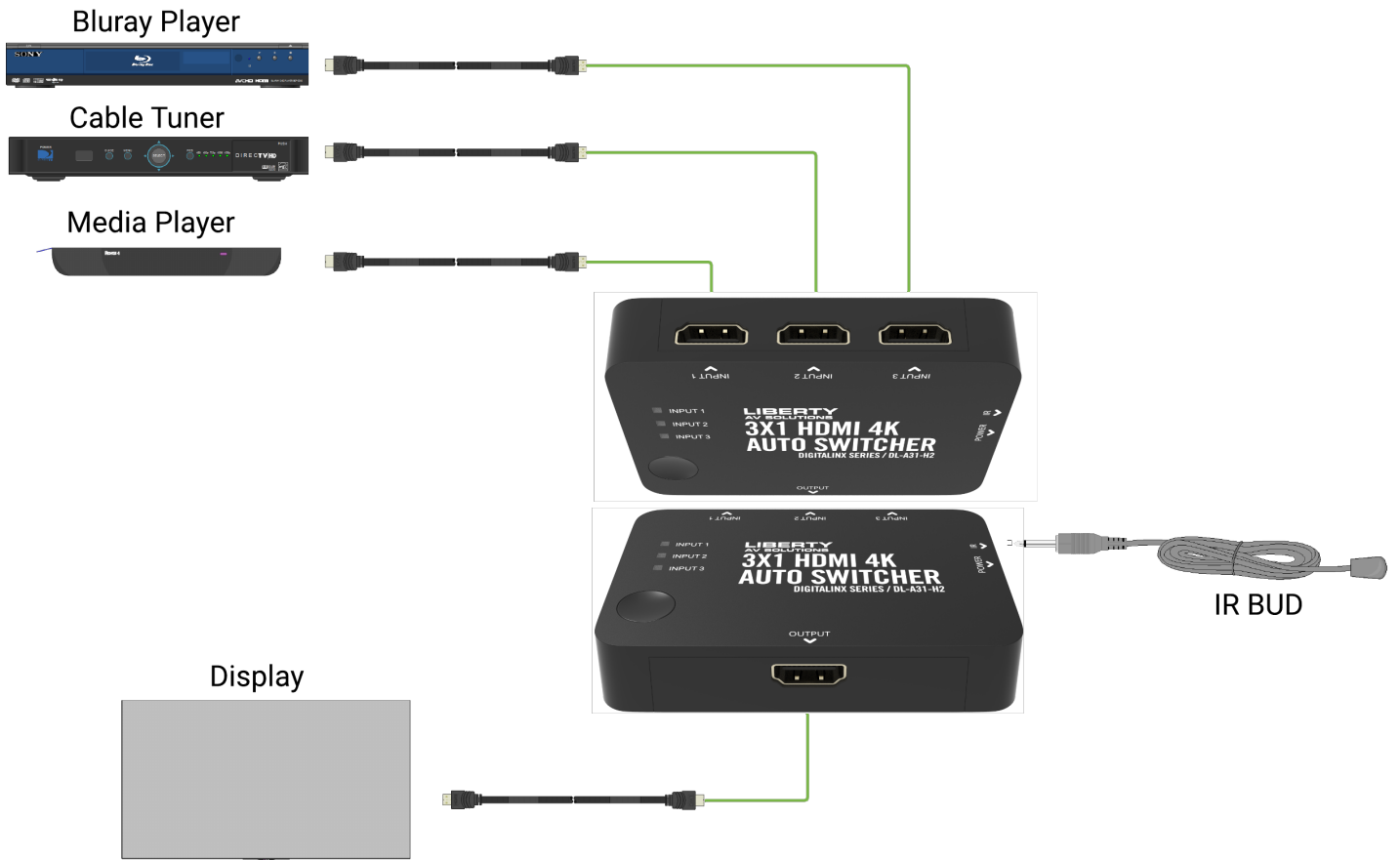
REMOTE CONTROL



Press any of the IN1/IN2/IN3 buttons to select the HDMI source signal to be sent to the the corresponding LED will illuminate.

 : Press the circle arrow button to cycle between inputs

APPLICATION DIAGRAM



TECHNICAL SPECIFICATIONS

Physical Parameter	
Case Material	Industrial grade plastic
ESD Protection	Human body model—±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Dimensions	87mm (W) × 59.5mm (D) × 19mm (H)
Weight	60g
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)
LED Indicator	3 x Blue LED: Status for HDMI input
Country of Origin	China
Power	
Power Supply	Input: 5V/1A
Power Consumption	1.5W
Input/Output Interface	
Inputs	3xHDMI Female Type A 1x3.5mm Stereo Mini-jack for IR Connectivity 1x USB-A Female Port for Power
Outputs	1xHDMI Female Type A
Technical	
HDCP Compliance	HDCP 2.2/1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4k2k@60Hz
Color Depth	8-bit (4K60Hz)
Color Space	RGB, YCbCr 4:4:4 / 4:2:2. YUV 4:4:4
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby 5.1, DTS 5.1, Dolby True HD, DTS-HD Master Audio
Certifications	CE, FCC, RoHS

DISCRETE IR COMMANDS

Function	HEX Value
System Code	0x02FD
Input 1	0x21
Input 2	0x25
Input 5	0x24
Loop Select	0x26

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

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