

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

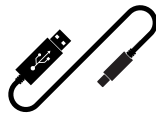
PACKAGE CONTENTS



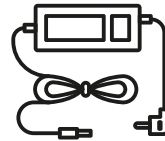
(x1) User Manual



(x1) HDMI Switcher



(x1) IR Receiver Cable

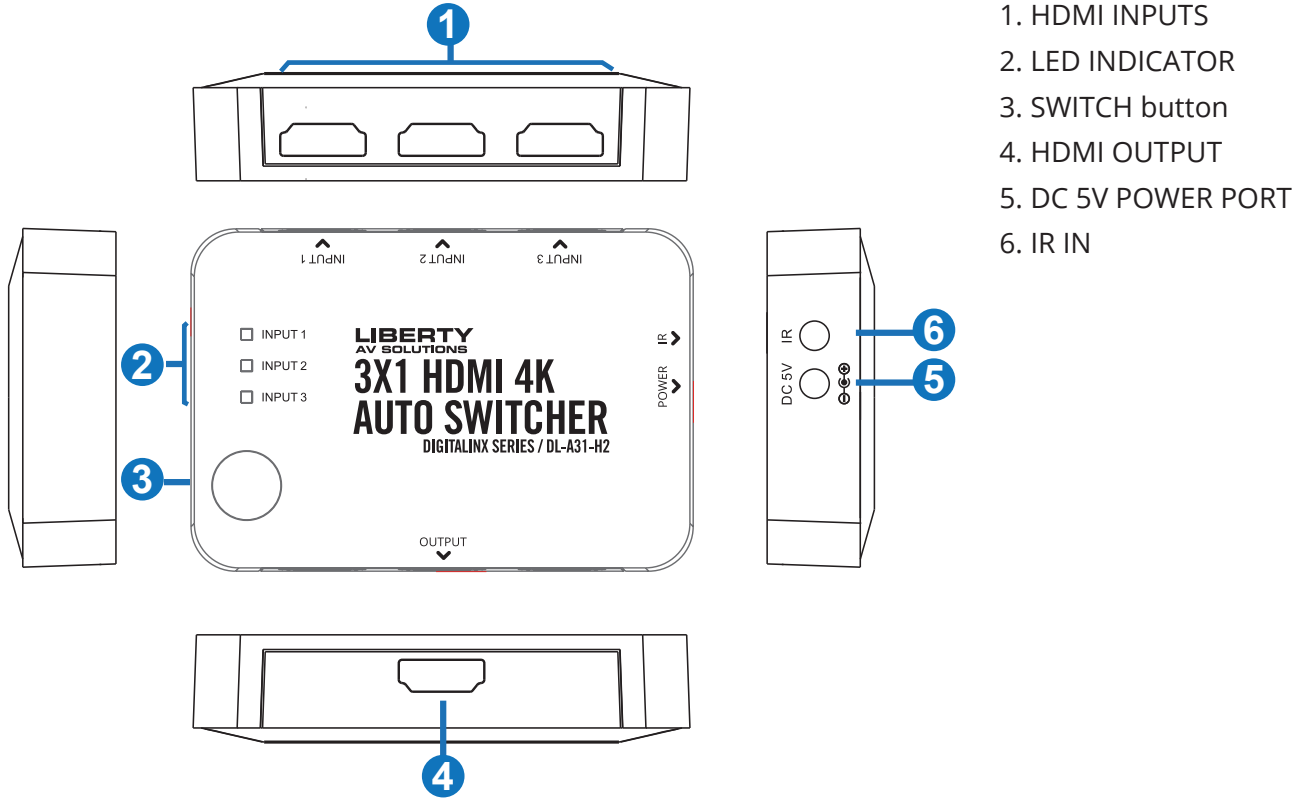


(x1) 5V USB Power Cable



(x1) Remote Control

PRODUCT BREAKDOWN



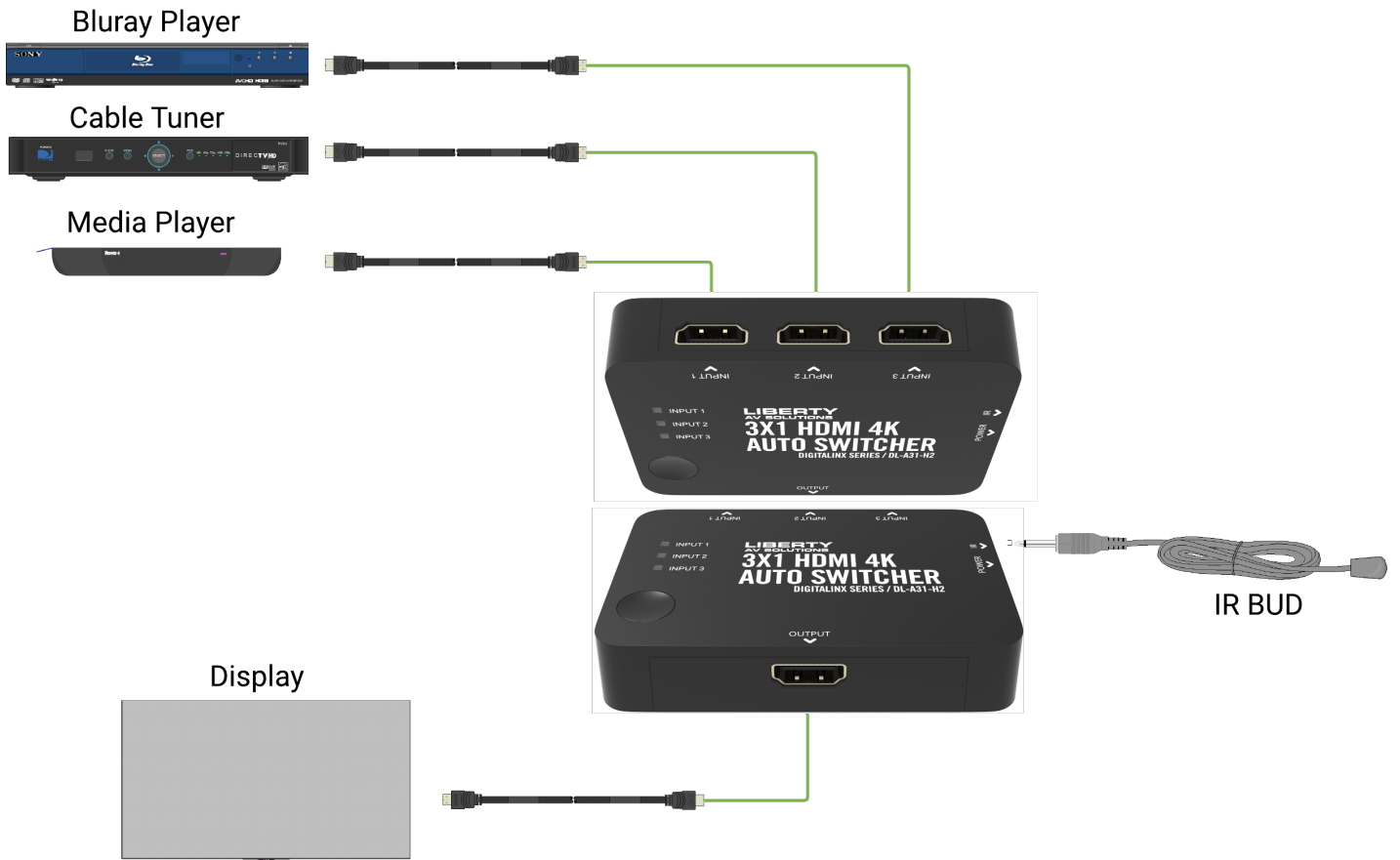
REMOTE CONTROL



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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