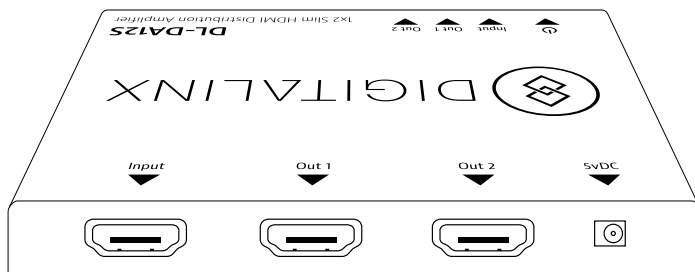
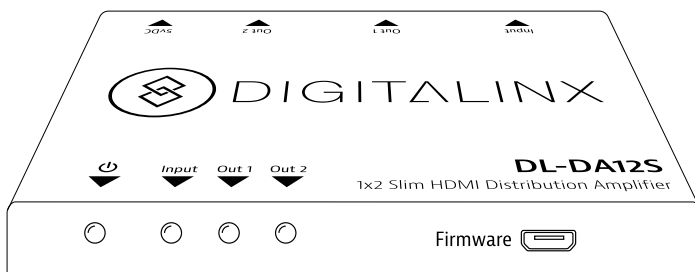




DL-DA12S Installation Guide



Included Accessories:

- Installation guide
- Power supply
- AC adapters (AU, EU, UK, and US)
- Rubber feet
- Mounting "L" brackets (2 ea)
- Mounting screws (4 ea)

The Digitalinx DL-DA12S is a one input to two output HDMI distribution amplifier (DA). The DL-DA12S supports 3D and 4K video resolutions as well as multichannel audio formats.

The EDID setting for the DL-DA12S is defined by the first detected display. The DL-DA12S features diagnostic LEDs on the front of the product indicating the state of the connections into and out of the unit.

Diagnostic LEDs:

The DL-DA12S provides four LEDs to indicate the current operating status and to assist troubleshooting an installation.

Power: Solid, the DL-DA12S is receiving power from the power supply.

Input: Flashes once per second, the input signal is not encrypted. Solid, the input signal is encrypted. Not lit, no input signal is detected.

Out 1, Out 2: Solid, video is passed to an active display.

EDID Management:

The EDID setting for the DL-DA12S is defined by the first detected display.

For example, the display on Out 1 supports 4K video. When the source plays 4K content, it will pass to all displays. If a display does not support the video content, there will be no video output on the display.

Firmware Port:

A separate document will provide usage instructions once a new firmware update is available.

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.

Instructions

1. Verify all components included with the extender set are present before installation.
2. If the DL-DA12S is to be mounted under furniture or vertically, attach the included mounting brackets to the device and secure it to the surface with appropriate mounting hardware.
3. If the DL-DA12S is to be resting on a finished surface, attach the included rubber feet to the bottom of the device to prevent any damage to the surface.
4. Connect the source device to the HDMI input using an HDMI cable that is less than or equal to 5 meters in length. If the source device that is further away, it is highly recommended to install a Digitalinx DL-HD70 or DL-HDE100 or active HDMI cable solution.
5. Connect the display devices to HDMI outputs using HDMI cables that are less than or equal to 5 meters in length. For display devices that are further away, it is highly recommended to install a Digitalinx DL-HD70 or DL-HDE100 or active HDMI cable solution.
6. Plug the power supply into the power input port on the rear of the distribution amplifier.
7. The input LED will light when a source is detected on the input. The output LEDs will light when a display is detected to the corresponding output.

Troubleshooting Tips:

Abnormal color or no video

- Verify cables are securely connected to source, displays, and DL-DA12S.
- Verify the display(s) can accept the provided video resolution and color space.

Output LED is off when active display is connected

- Verify active display is HDCP compliant.
- Verify proper input is selected on active display.
- Disable HDCP encrypted source content, then power cycle DL-DA12S

Input LED is flashing

- Input video stream is not passing HDCP encrypted content
- Input video stream was not passing HDCP encrypted content when DL-DA12S was powered on.

Technical Specifications

| | |
|-----------------------------------|---|
| I/O Connections | |
| HDMI Input | One (1) HDMI Type A Receptacle |
| HDMI Outputs | Two (2) HDMI Type A Receptacle (1 per output) |
| 5v DC Power | One (1) 2.35 mm Outside Diameter, 0.7 mm Inside Diameter Barrel (EIAJ-1) |
| Firmware Port | One (1) Mini USB Type B Receptacle |
| Supported Audio and Video | |
| Maximum Data Rate | 10.2 Gbps |
| HDTV Video Resolutions | 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1080p 3D, 4Kx2K (24, 25, and 30 Hz) |
| VESA Video Resolutions | Up to 1920x1200 |
| Embedded Audio Compatibility | Up to PCM 5 channel, Dolby Digital TrueHD, and DTS-HD Master Audio |
| Maximum Passive HDMI Distance | 5m (16 ft) |
| Compliance | HDMI 1.4, HDCP 1.1, DVI 1.0 |
| Chassis and Environmental | |
| Enclosure | Painted Aluminum |
| Dimensions (H x W x D) | 11 mm x 102.4 mm x 70.4 mm (0.43 in x 4.03 in x 2.77 in) |
| Shipping Weight | 0.83 kg (1.87 lbs) |
| Operating Temperature | 0° to +40° C (+32° to +104° F) |
| Operating Humidity | 20% to 90%, Non-condensing |
| Storage Temperature | -10° to +60° C (+14° to +140° F) |
| Storage Humidity | 20% to 90%, Non-condensing |
| Power, ESD, and Regulatory | |
| Maximum Power Consumption | 5 watts |
| Power Supply Input Voltage | 100-240v AC at 50/60 Hz at 0.5 A |
| Power Supply Output Rating | 5v DC at 1 A |
| ESD Protection | 15kV |
| Device Regulatory | CE, RoHS |
| Power Supply Regulatory | CE, RoHS, TUV, UL, SGS |
| Other | |
| Warranty | 2 years |
| Diagnostic Indicators | Power LED, Input LED, Four (4) Output Status LEDs |
| Included Accessories | Installation guide, power supply, AC adapters (AU, EU, UK, and US), rubber feet, mounting "L" brackets (2 ea), mounting screws (4 ea) |

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches.



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