



User Manual

DVI Dual Link Splitter Series

SP-DDL102A

DVI Dual Link 1 x 2 Splitter with Audio

SP-DDL104A

DVI Dual Link 1 x 4 Splitter with Audio

Introduction

D2G proudly introduces the DVI Dual Link Splitter series. DVI Dual Link Splitters with Audio can broadcast one DVI source and Stereo audio to multiple DVI display devices at the same time. Single Link or Dual Link mode can be selected according to the needs of the applications. DVI Dual Link Splitters support high resolution up to 2560 x 1600 at Dual Link Mode. It is perfect for high resolution public exhibition, video conference, and multimedia presentations, etc. Crystal clear image quality is maintained throughout, even when DVI signal is splitting to multiple monitors.

Features

- ◆ Single Link or Dual Link compliant.
- ◆ Supports all PC mode resolutions up to 1920 x 1200 @ 60Hz at DVI Single Link mode, and up to 2560 x 1600 @ 60Hz or 3840 x 2400 @ 33Hz at DVI Dual Link mode.
- ◆ Passive Port #1 - Port #1 will function properly without needing extra power supply.
- ◆ Plug and Play - no driver or software installation needed.
- ◆ Built-in EDID function - detects the supporting resolutions of the monitor connected to Port #1 and transmits the signal to other ports accordingly.
- ◆ Connects up to 2 / 4 DVI displays with stereo audio and displays simultaneously.
- ◆ Full HDCP compliant.
- ◆ Equipped with Stereo Audio for quality audio performance.
- ◆ Locking DC 5V Power Jack.

Panel Description

SP-DDL102A / SP-DDL104A
Front (sample SP-DDL104A)



- | | |
|-----------------------|-----------------------|
| 1 Equalizer (Output1) | 2 Equalizer (Output2) |
| 3 Equalizer (Output3) | 4 Power Indicator |

Rear



- | | |
|----------------|-------------------|
| 1 Power Supply | 2 DVI/Audio Input |
| 3 DVI Outputs | 4 Audio Outputs |

Installation & Operation

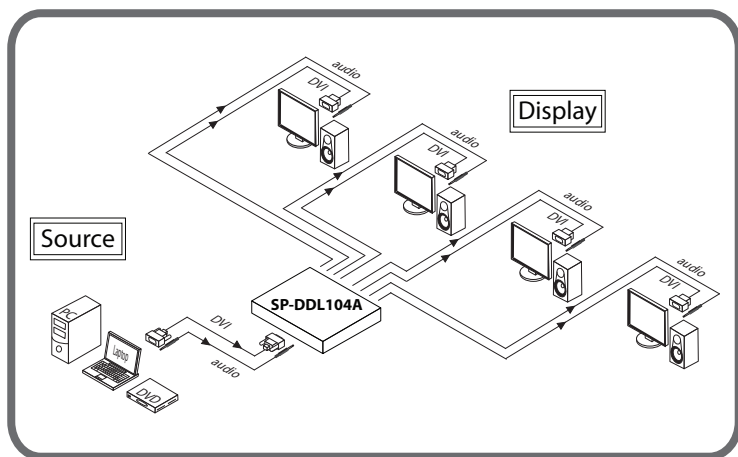
Before installing the device:

1. Please read the User Manual before installation.
2. Use high performance DVI & Audio cables.
3. Please turn off power for all the sources and display devices.

Installing SP-DDL102A / SP-DDL104A:

1. Connect DVI & Audio cable to your DVI source and DVI Splitter Input.
2. Connect DVI & Audio cables to your DVI Splitter Outputs and Displays.
3. After connecting all the cables, please plug in the power supply.
LED light will turn ON to indicate power status.
4. Please turn on the DVI source and display devices. The Built-In EDID function will detect the supporting resolution of the display connected to Port #1 as priority.

Diagram



Specification

Model/Order #		SP-DDL102A	SP-DDL104A
Model Name		DVI Dual Link 1 x 2 Splitter with Audio	DVI Dual Link 1 x 4 Splitter with Audio
Input	Video	DVI x 1	
	Audio	3.5mm Phone Jack x 1	
	USB power	USB x 1 (Spare Power)	
Output		DVI x 2 + 3.5mm Phone Jack x 2	DVI x 4 + 3.5mm Phone Jack x 4
Max. DVI Cable Length		3m	
Support Resolution		Single Mode: up to 1920 x 1200 resolution @ 60Hz Dual Mode: up to 2560 x 1600 resolution @ 60Hz or up to 3840 x 2400 resolution @ 33Hz	
Bandwidth		165MHz (Single-Link Mode) 159MHz x 2 (Dual-Link Mode)	
Support Audio		PC Stereo Audio	
Power Supply		DC 5V / 1A	DC 5V / 2A
Material		Metal	
Dimensions (mm)		160 x 70 x 44	210 x 73 x 40
Operating Temperature		0° C ~48° C	