

# DVI / HDMI EQUALIZER

## AVLINK™



(DB-01S)

(DB-01D)



(HB-01)

## Introduction

By the DB-01S/DB-01D/HB-01 product, the transmission distance of the DVI or HDMI output equipment can be extended.

## Features

- Equalization (DVI or HDMI) long cable length.
- Support HDCP.
- Support Dual Link. (Only DB-01D)
- The power provided by the DVI or HDMI connector is used, and thus external power supply is not required.

## Specifications

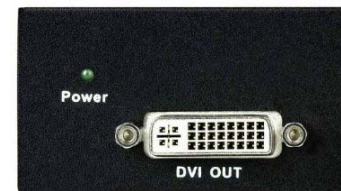
Function	DB-01S	DB-01D	HB-01
Input Connector	1 DVI Female		HDMI A-Type Female
Output Connector	1 DVI Female		HDMI A-Type Female
Max. Resolution	UXGA, 1080i	UXGA, 1080p	UXGA, 1080i
Source Side Cable Distance	50 m (Max.)		
HDTV Side Cable Distance	5 m (Max.)		
Power Adapter (Min.)	DC 5V 1.2A (Min.) spare		
Housing	Metal		
Weight	138 g	139 g	132 g
Dimensions (LxWxH) mm	67x56x38		67x46x38

### DB-01S/DB-01D FRONT VIEW



1. DVI IN
2. Power jack

### DB-01S/DB-01D REAR VIEW



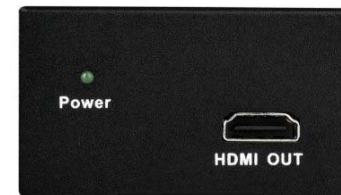
1. Power LED
2. DVI OUT

### HB-01 FRONT VIEW



1. HDMI IN
2. Power jack

### HB-01 REAR VIEW



1. Power LED
2. HDMI OUT

## USER MANUAL

### DB-01S / DB-01D / HB-01

#### Package Contents-

- 1 AVLINK DB-01S or DB-01D or HB-01 Equalizer
- 1 user manual

Any thing missed, please contact with your vendor.

# Installation

1. Connect the DVD HDMI (or DVI) output connector and HB-01 (or DB-01S/DB-01D) input connector with HDMI (or DVI) cable.
2. Connect the HB-01 (or DB-01S/DB-01D) output connector and HDTV HDMI (or DVI) input connector with HDMI (or DVI) cable.
3. Turn on the DVD and HDTV.

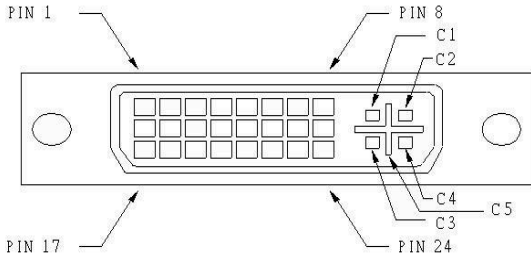


**Note:** since this product obtains electric power from the HDMI (or DVI) connector of the DVD and the length of cable exceeds 30m, there may be an abnormal display or no display of the HDTV. In such case, install a special EQ power adapter to fix the problem. Other power adapters are prohibited to avoid possible damages to the product.

# Technical Specifications

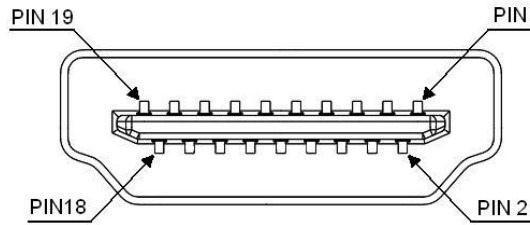
## Input/Output Signal

### 1. DVI



Pin #	Signal	Pin #	Signal
1	TMDS Data2-	16	Hot Plug Detect
2	TMDS Data2+	17	TMDS Data0-
3	TMDS Data 2/4 Shield	18	TMDS Data0+
4	TMDS Data4-	19	TMDS Data 0/5 Shield
5	TMDS Data4+	20	TMDS Data5-
6	DDC Clock	21	TMDS Data5+
7	DDC Data	22	TMDS Clock Shield
8	Analog Vert. Sync	23	TMDS Clock+
9	TMDS Data1-	24	TMDS Clock-
10	TMDS Data1+		
11	TMDS Data 1/3 Shield	C1	Analog Red
12	TMDS Data3-	C2	Analog Green
13	TMDS Data3+	C3	Analog Blue
14	+5V Power	C4	Analog Horz Sync
15	GND	C5	Analog Ground

### 2. HDMI



Pin #	Signal	Pin #	Signal
1	TMDS Data 2+	11	TMDS Clock Shield
2	TMDS Data 2 Shield	12	TMDS Clock -
3	TMDS Data 2-	13	CEC
4	TMDS Data 1+	14	Reserved (N.C. on device)
5	TMDS Data 1 Shield	15	SCL
6	TMDS Data 1-	16	SDA
7	TMDS Data 0+	17	DDC/CEC Ground
8	TMDS Data 0 Shield	18	+5 Power
9	TMDS Data 0-	19	Hot Plug Detect
10	TMDS Clock+		

## Additional Options

Select any additional options you may require.

1. 30M DVI-D Cable (1L-DD300)
2. 50M DVI-D Cable (1L-DD500)



3. 30M HDMI Cable (1L-HD300)
4. 50M HDMI Cable (1L-HD500)



5. EQ Power Adapter (PAD05UP)  
AC 100~240V to DC 5V/1.2A



This company is not liable for damages to the product caused by using other unspecified power adapter.

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