

MDVI-104

DVI Distributor Amp



장비개요 및 성능

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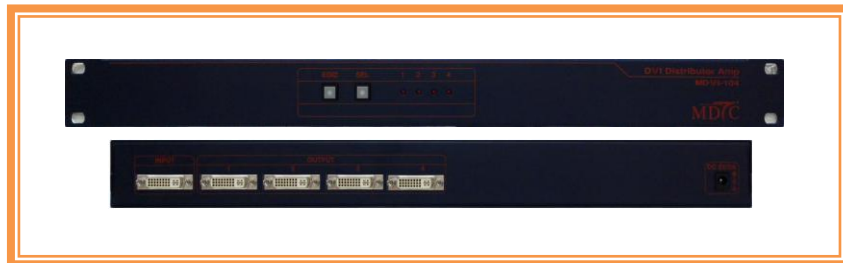
Description

- 본 장비는 하나의 DVI-D Single link DVI(Digital Visual Interface)신호를 입력 받아 4개의 출력으로 신호의 왜곡 또는 감쇄 없이 분배하는 장비이다.

Features

- 디지털신호의 선명한 화질 및 색상을 구현하며, 디스플레이의 EDID DATA 호출 및 저장 기능을 지원, WINDOWS의 PLUG & PLAY 기능을 지원한다.
- TMDS Mode신호의 완벽하게 구현한 장비로 DDC/ HDCP 지원.
- 리클럭킹 & 이퀄라이제이션 기술 - 디지털 신호를 재구성 및 복원하여 보다 먼 거리 전송 가능.
- HPD(Hot Plug Detect)를 지원

Panel Drawing



Specifications

- DVI Part
 - Input/Output number : 1 x 4
 - Input/Output type : TMDS signals, Digital RGB, DVI-D Single link
 - Input/Output connector : DVI-I Dual link female
 - Resolution range : UP to WUXGA, 1080p, 1920 x 1200, 60Hz
 - Maximum data rate : 6.75Gbps(2.25Gbps per color)
 - Standards DVI 1.0, HDMI 1.3
 - Equalization Automatic
 - Re-clocking Automatic
 - EDID selector & R/W 2-key

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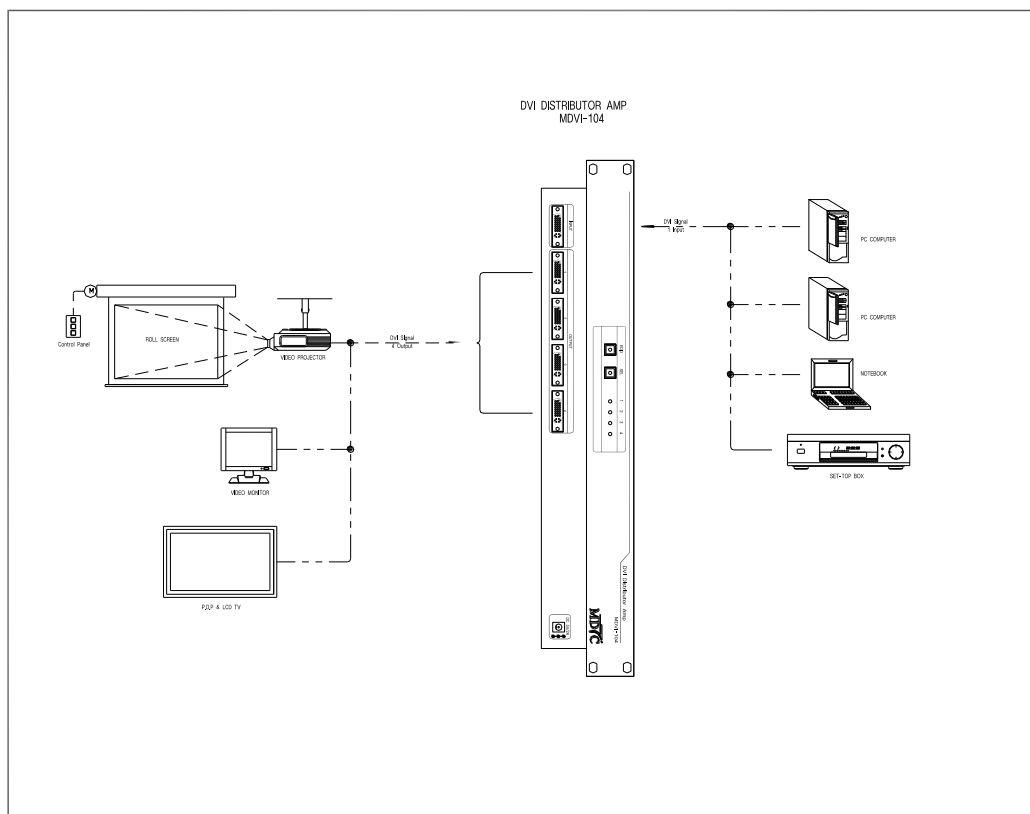
Specifications

○ Case & Power Part

- Power source : DC 5V, 2A(Power adaptor)
- Temperature : 0°C ~ 40°C
- Power consumption : Below 10Watt
- Type : desk type
- Dimensions : 483(W) * 44.5(H) * 150(D) mm

○ DVI-I 커넥터 신호 핀 배열

1	TMDS DATA 2-	O	2	TMDS DATA 2+,	O	3	TMDS DATA 2/4 SHIELD	O
4	TMDS DATA 4-	X	5	TMDS DATA 4+	X	6	DDC CLOCK	O
7	DDC DATA	O	8	ANALOG VERTICAL SYNC	X	9	TMDS DATA 1-	O
10	TMDS DATA 1+	O	11	TMDS DATA 1/3 SHIELD	O	12	TMDS DATA 3-	X
13	TMDS DATA 3-	X	14	POWER +5V	O	15	GROUND POWER +5V	O
16	HOT PLUG DETECT	O	17	TMDS DATA 0-	O	18	TMDS DATA 0+	O
19	TMDS DATA 0/5 SHIELD	O	20	TMDS DATA 5-,	X	21	TMDS DATA 5+,	X
22	TMDS CLOCK SHIELD	O	23	TMDS CLOCK+	O	24	TMDS CLOCK-	O
C1	ANALOG RED	X	C2	ANALOG GREEN	X	C3	ANALOG BLUE	X
C4	ANALOG HORIZONTAL SYNC	X	C5	ANALOG GROUND	X			



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