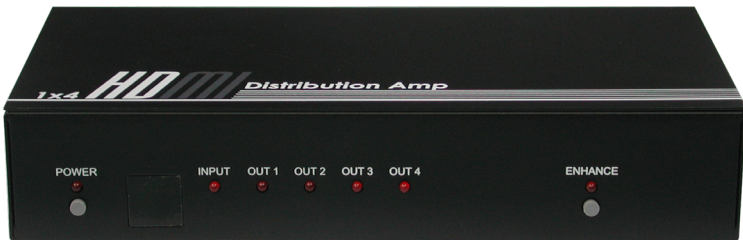


CYP 1X4 HDMI Distribution Amplifier

Model CHDMI-14



INTRODUCTION

Congratulations on your purchase of the 1x4 HDMI distribution amplifier. This HDTV distribution amplifier is designed to make your A/V equipment more efficient, more creative and more affordable. The 1x4 HDMI distribution amplifier allows distribution to four HDMI displays using one HDMI source. Simply connect your HDMI source to the distribution amplifier input and you are ready to go. The 1x4 HDMI distribution amplifier automatically regenerates the HDMI signal for long cable runs. This is ideal for any business, educational or home use where multi-HDMI display distribution is required.

FEATURES

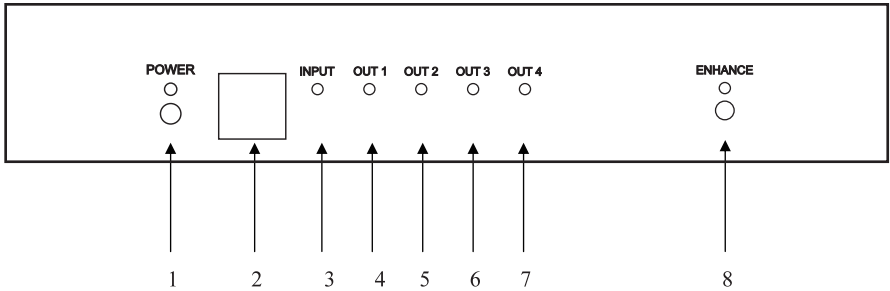
- 4 HDMI outputs
- Signal enhancement for long cable runs.
- S/PDIF digital audio output.
- Plug in and unplug detection with front panel LED indicator lights.
- Multi-unit connection for expanded distribution.
- IR remote control and dip switch addressing.
- IR and front panel button lock out.
- Maintains 480p, 720p, 1080i, and 1080p resolution
- PC Support: VGA, SVGA, XGA, SXGA, and UXGA (1600 x 1200)
- Supports HDCP compliant devices
- HDMI or DVI to HDMI cables are used to connect the inputs and switcher output

INCLUDES

1x4 HDMI distribution amplifier
5V AC Power Supply
IR Remote Control
User Manual

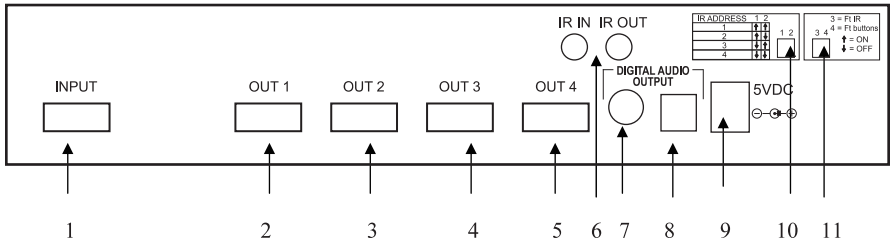
PANEL DESCRIPTIONS

Front Panel



1. Power button and LED indicator
2. IR sensor eye
3. Indicator LED Input
4. Indicator LED Output 1
5. Indicator LED Output 2
6. Indicator LED Output 3
7. Indicator LED Output 4
8. Signal Enhancement button and LED

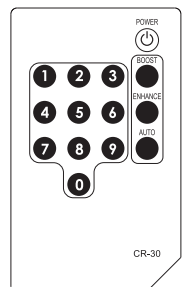
Rear Panel



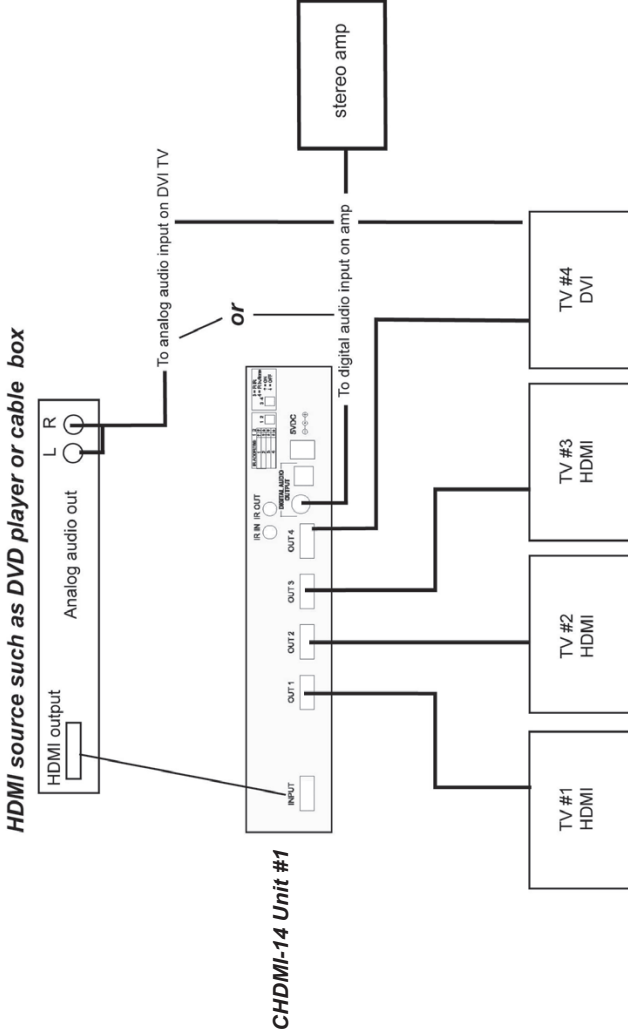
1. Input
2. Output 1
3. Output 2
4. Output 3
5. Output 4
6. IR In and IR Out jacks
7. Digital audio Coaxial output
8. Digital audio optical output
9. 5V DC power jack
10. IR address dip switches
11. Front panel IR and button lock dip switches

Remote Control

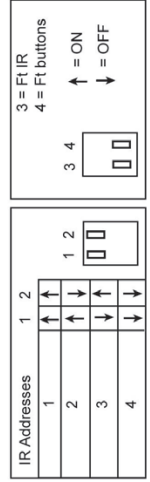
- Power button to toggle device on/off
- 14 digit keypad (1 -2 -3 -4 will be used to toggle between multiple units)
- Remote takes a 3v Lithium button battery.
- Replacement battery # CR2025 can be found at electronic retail stores.



Typical connection using single units and multiple displays

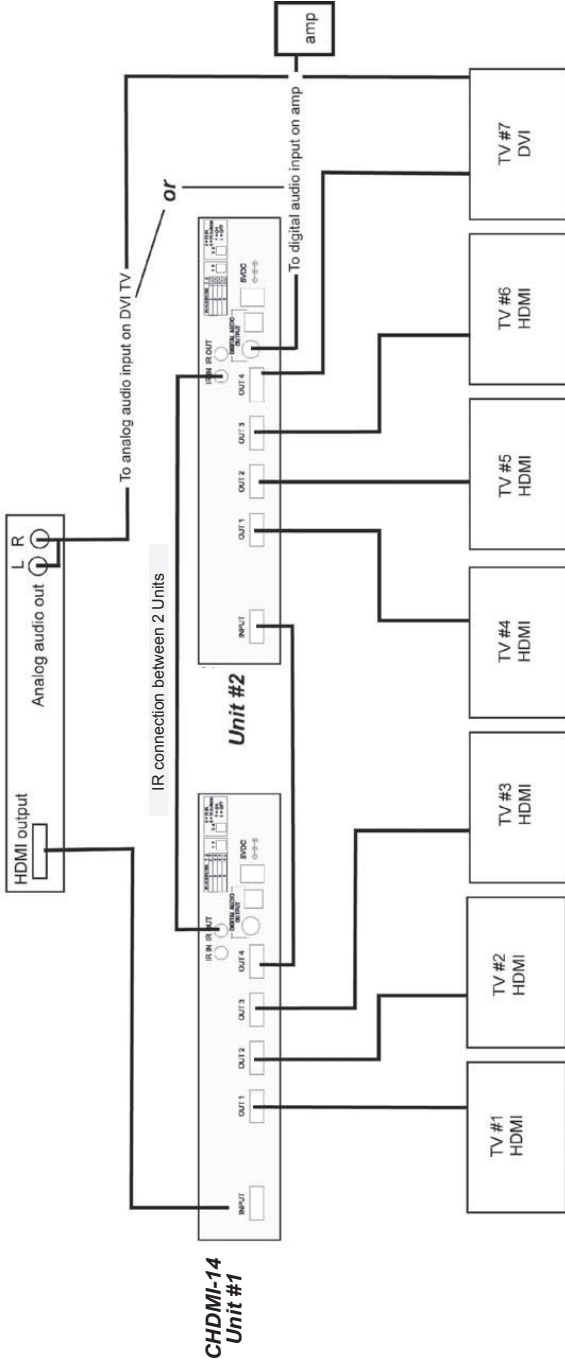


Dipswitch setting



Typical connection using multiple units and displays

HDMI source such as DVD player or cable box



Dipswitch setting for Unit #1

IR-Addresses	1	2
1	↑	↑
2	↑	↑
3	↑	↑
4	↓	↓

IR-Addresses	1	2
1	↑	↑
2	↑	↑
3	↑	↑
4	↑	↑

Dipswitch setting for Unit #2

IR-Addresses	1	2
1	↑	↑
2	↑	↑
3	↑	↑
4	↓	↓

IR-Addresses	1	2
1	↑	↑
2	↑	↑
3	↑	↑
4	↓	↓

Notes:

- When using DVI display, audio feed will come from distribution amp via digital audio output on Units or from analog audio output from HDMI source.
- To lock front panel IR and button controls on Unit #2, set dipswitches as shown above.
- HDMI outputs will support any HDMI device such as TVs or computer monitors.

Rear Panel dip switch settings

IR Address Dip switches

You can operate multiple switch setting via IR remote control using the IR IN and OUT jacks located on the rear panel. The units can be connected by using a 1/8" male to male stereo cord. Connect the cord from the IR OUT jack of unit # 1 to the IR IN jack of Unit #2. To add a third unit, connect the IR OUT jack of unit #2 to the IR IN jack of unit #3 and so on up to 4 units.

Once connected, the units will respond to IR commands from the remote control according to the IR address set for each unit. All units set to address #1 will respond to commands sent to address #1 from the remote. To customize commands for individual units, press the unit 3 after the command. For example, to power off unit #2, press the Power button followed by the #2.

You can connect up to 4 units together and control them using the remote control. To do so, you must designate the IR address for each unit. The IR address factory default (as shown in Fig. 1 below) is set to location 1. All units with an IR address of 1 will respond to the commands for Unit 1 from the remote control. Set IR addresses for other units by aligning the dip switches as shown on the chart in Fig.1.


IR addresses	1	2	
1	↑	↑	
2	↑	↓	
3	↓	↑	
4	↓	↓	

Fig. 1

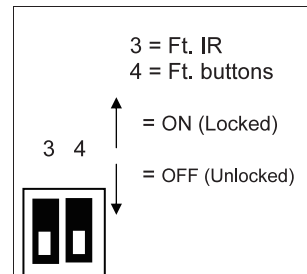


Fig. 2

Front panel locks

To eliminate changing distribution amplifier settings by using the front panel, you can lock the front panel controls by setting the Front Panel Lock dip switches located on the rear panel. Use switch #3 to lock the front IR window. Use switch #4 to lock the front panel buttons. The front panel lock factory default is for both locks to be turned OFF as shown in Fig. 2 above.

Note: for dip switch settings to take effect, you must cycle power on the unit. Unplug the AC adapter from the outlet. Wait 5 seconds and plug it in again. Press the Power button to turn on.

SPECIFICATIONS

Input Connector Type.....	HDMI Type A Female
Output Connector Type.....	HDMI Type A Female
Power Source.....	.120V AC 50/60 Hz
Power Adapter Output.....	5V / 2.6A DC
Weight.....	.765g
Dimensions.....	216mm W x 104mm D x 270mm H



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