

CE labs can support many areas of your audio and video distribution needs.

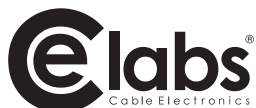
We manufacture:

- Digital Signage software and Media Players
- HD Matrix Switchers
- RF amplifiers
- HDMI and Component HD distribution amplifiers
- CAT 5 Signal Extenders
- VGA Extenders and Splitters
- and cables of all types.

See our full product line at www.celabs.net

WARRANTY

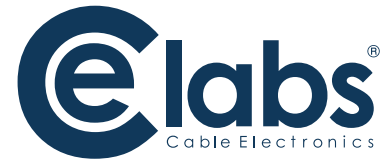
Cable Electronics, Inc. warrants this product to be free from defects in material and workmanship, under normal use and service, for a period of one year from the purchase by the original purchaser. If this product is defective or malfunctions, Cable Electronics will replace or repair this unit (at their option) within a reasonable time. No expressed or implied warranty is made for any defects caused by immersion or exposure to liquids, abuse, neglect, improper operation of unit, excess wear and tear and defects resulting from unauthorized disassembly and or modification.



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Document: HA4-3_manual.pdf

930-2211-02



Model HA4-3 HDMI Distribution Amplifier



Integrated HCRS (HDMI Cable Retention System.) Prevents accidental disconnects and service calls.



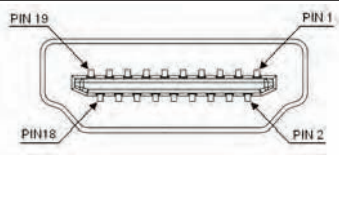
PanelLink digital technology

Supports HDTV resolutions 480i, 480P, 720P, 1080i, & 1080P

Cadadable for larger display systems.

Heavy duty metal housing. Commercial duty rated.

INSTANT
QUAL

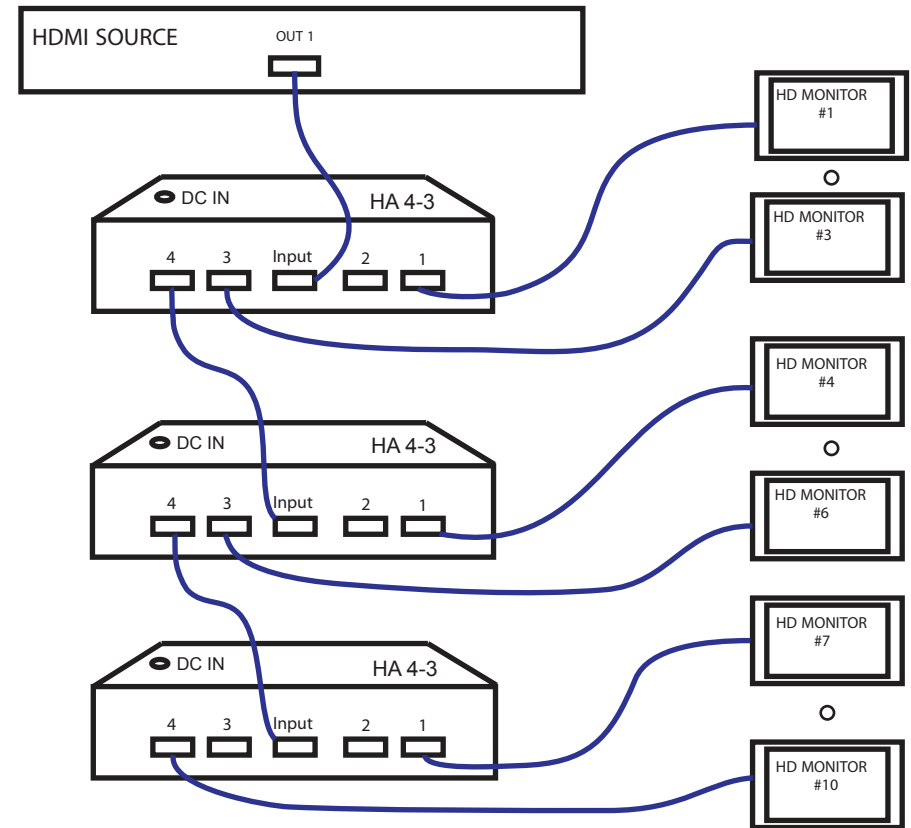
	Pin #	Signal	Pin #	Signal
	1	TMDS Data 2+	11	TMDS Clock Shield
	2	TMDS Data 2 Shield	12	TMDS Clock -
	3	TMDS Data 2-	13	CEC
	4	TMDS Data 1+	14	Reserved (N.C.)
	5	TMDS Data 1 Shield	15	SCL
	6	TMDS Data 1-	16	SDA
	7	TMDS Data 0+	17	DDC/CEC Ground
	8	TMDS Data 0 Shield	18	+5 Power
	9	TMDS Data 0-	19	Hot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



Use these holes to secure the HDMI cables with a cable tie.

HDMI Distribution Amplifiers Cascade Configuration

HA4 - 3 Units may be cascaded 7 layers deep.



INSTALLATION/OPERATION INSTRUCTIONS

1. Turn off the devices to be connected together.
2. Connect the HDMI cable between the source (DVD, Satellite Receiver, etc.) and the "HDMI In" port of the Distribution Amplifier.
3. Connect the HDMI cables from the outputs of the distribution amplifier to the inputs of the monitors.
4. Power up the Distribution Amplifier and the Monitor connected to HDMI output number one on the amplifier.
Leave the other monitors off for now.
5. Turn on power to the source device. The monitor connected to output number one should have picture and sound within about 5 seconds.
6. Turn on power to the remaining monitors.
7. Install cable ties through the two holes on either side of the cable if desired to prevent accidental unplugging of the HDMI cables. See picture above.

NOTES:

1. All monitors connected to the distribution amplifier should be capable of the same resolution.
2. Always connect the first monitor to output number one on the Distribution Amplifier first.
This is necessary for the Electronic ID to be read properly by the source.
3. For optimum performance try to use HDMI cables no longer than 5 meters in length.

SPECIFICATIONS

Model	HA4-3
HDMI Connector (A-Type Female)	1
HDMI Connector (A-Type Female)	4
Max. Resolution	1080P
Cable Distance	10 m (Max.)
Signal Type	HDMI V1.3b Compliant
Power Adapter (Min.)	DC 12V 1.5A
Housing	Metal
Weight	(2.2 lbs.) 1.0 Kg
Dimensions (LxWxH)	10.5"x1.25"x6.3"