

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.

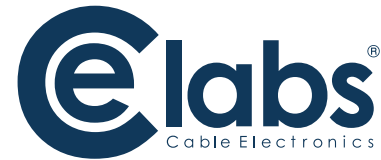


3209 Wood Drive
Garland, TX 75041
Phone: (469) 429-9200
Toll free: (800) 767-6189
Fax: (469) 429-9205
www.celabs.net

Document: HMXXDA_manual.pdf

930_3000_01_Rev.A

INSTRUCTION MANUAL



HM41DA | HM81DA HDMI Distribution Amplifier



HM41DA



HM81DA

Panellink digital technology

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

Cadadable for larger display systems.

Heavy duty metal housing. Commercial duty rated.

HM41DA

Model HM41DA

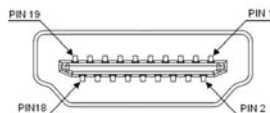
HDMI DISTRIBUTION AMPLIFIER



CABLE ELECTRONICS, INC.

1 x 4

● POWER



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+		

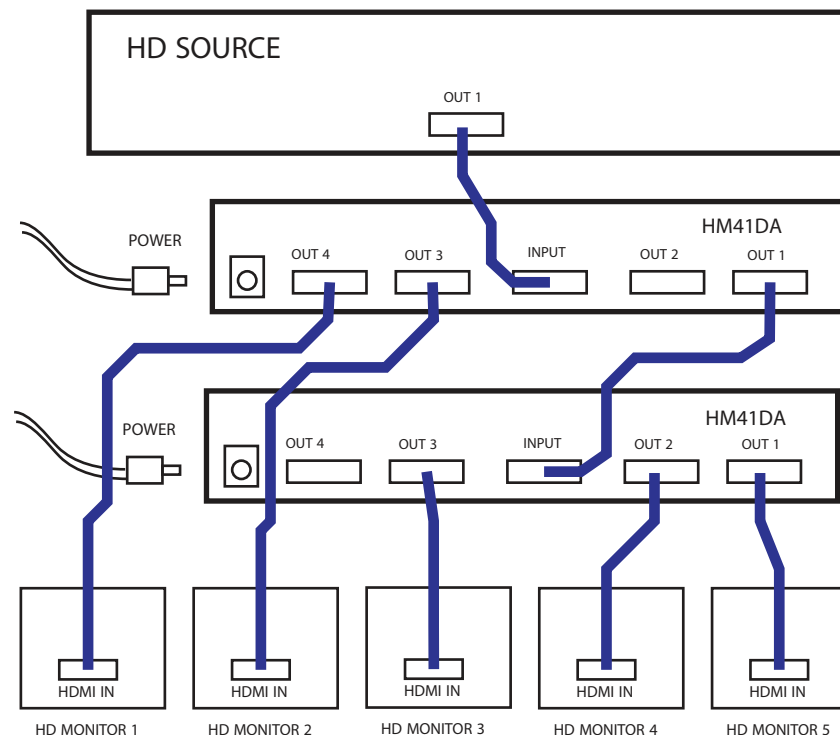
INSTALLATION/OPERATION INSTRUCTIONS

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.

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 best performance try to use HDMI cables no longer than 3 meters in length.

HDMI Distribution Amplifier Cascade Configuration



SPECIFICATIONS

Model	HM41DA	HM81DA
HDMI Input Connector (A-Type Female)	1	1
HDMI Output Connector (A-Type Female)	4	8
Max. Resolution	1080P	1080P
Cable Distance	10 m (Max.)	10 m (Max.)
Signal Type	Standard HDMI Signal	
Power Adapter (Min.)	DC 9V 1A	AC 100~240V
Housing	Metal	Metal
Weight	2.2 lbs	5.6 lbs.
Dimensions (LxWxH)mm	269x104x45	440x185x45