

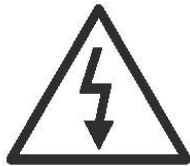


INSTALLATION MANUAL

DA – 41HP

1-In 4-Out Audio/Video Distribution Amplifier

IMPORTANT INFORMATION



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DO NOT OPEN THE CABINET, REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

PACKAGE CONTENTS

This package contains:

One DA-41HP Distribution Amplifier
One 9VDC Power Adaptor
One DA-41HP Installation Manual

PRODUCT DESCRIPTION

The DA-41HP distributes audio/video signals up to 4 devices while maintaining the original signal strength after distribution. The unit supports 480i, 720p, 1080i, and 1080p resolutions making it ideal for high definition signals. The DA-41HP can be looped, cascaded or put in tandem without loss of audio/video signals.

SPECIFICATIONS

DA-41HP

1-In 4-Out Distribution Amplifier Specifications (Typical)

Video	
1. Video Impedance	75ohm
2. Gain	2 Volt unterminated 1 Volt terminated
3. Video Insertion Loss	50Hz to 10Mhz < 0.4dB
4. In to Out Isolation	50Hz to 10Mhz 32dB port to port
5. Out to In Isolation	50Hz to 10Mhz 60dB
6. Return Loss	50Hz to 10Mhz 20dB
7. Video Bandwidth	150MHz
8. Audio Response	100kHz
Audio	
9. Gain	Unity
10. Audio Input Impedance	22K ohm
11. Audio Output Impedance	1K ohm
12. THD	0.05% @ 1.0 Volts input level
13. Frequency Response	20Hz to 100KHz
14. Channel Separation	>75dB @ 1KHz
15. In to Out Isolation	60dB
16. Out to In Isolation	60dB
17. Signal to Noise	100dB @ 2 Volts (out)
18. A/V Input and Output Jacks	RCA type phono
General	
19. Power	9 Volt DC@600mA with 2.5mm jack
20. Dimensions	185(W) x 37mm(H)x 121mm(D)
21. Gain Adjustment	4 Equalization Controls
22. Material	Wall Mount Plastic Case

INSTALLATION

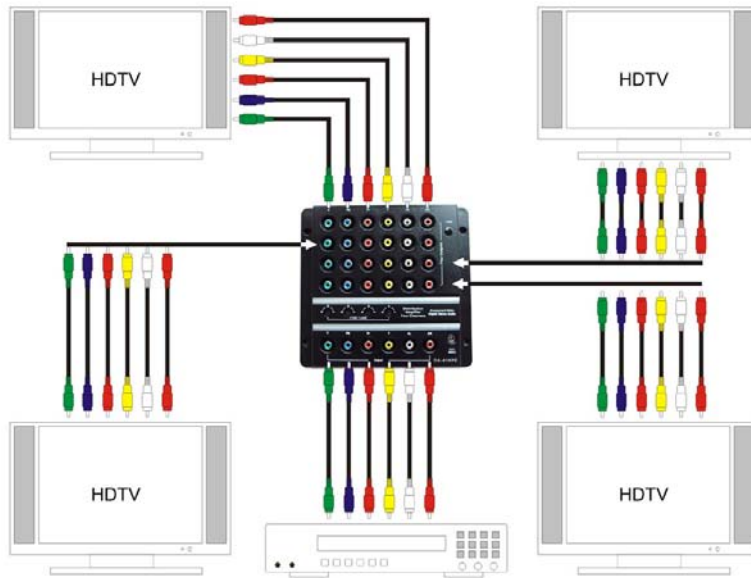
1. UNPACKING and HANDLING

Each unit is shipped assembled and factory tested. Ensure that all accessories are removed from the container before discarding packing material

2. MECHANICAL INSPECTION

Inspect the front and rear of the equipment for shipping damage. Make sure the equipment is clean, and no connectors are broken, damaged, or loose. If equipment appears to be damaged or defective please contact your distributor or Cabletronix at 1-610-429-1511 for assistance.

3. PRODUCT DIAGRAM



4. HARDWARE CONNECTIONS

- Connect the signal source's component video (Y, Pb, Pr) output to the distribution amplifier's component video (Y, Pb, Pr) input. Or, connect the signal source's composite video output to the distribution amplifier's composite video input.
- Connect the signal source's audio L/R output to the distribution amplifier's audio L/R input.
- Connect your TV or monitor's component video (Y, Pb, Pr) input to the distribution amplifier's component video (Y, Pb, Pr) OUTPUT 1, OUTPUT 2, OUTPUT 3, or OUTPUT 4. Or, connect your TV or monitor's composite video input to the distribution amplifier's composite video OUTPUT 1, OUTPUT 2, OUTPUT 3 or OUTPUT 4.
- Insert the power supply connector into the DA-41HP's power jack. Plug the wall transformer into an AC outlet. The power LED should be on and the unit ready to use.
- Connect your TV or monitor's audio L/R input to the distribution amplifier's audio L/R output.
- Equalization Controls below components video (Y, Pb, Pr) output and composite video output are set at standard level 0dB. Users can adjust the controls simply by slightly turning to the left or right to achieve the most pleasing picture.

Troubleshooting assistance can be found on-line at www.cabletronix.com in addition to support from Cabletronix sales engineers at 1-610-429-1511.