

# INSTALLATION MANUAL

## CT-400 1-In 4-Out Audio Video Distribution Amplifier

### PACKAGE CONTENTS

This package contains:

- One CT-400 Audio Video Distribution Amplifier
- One 15VDC Power Adaptor
- One CT-400 Installation Manual

### PRODUCT DESCRIPTION

The CT-400 is a 4-port composite audio/video amplifier is designed to distribute audio/video signals up to 4 devices while maintaining the original signal strength after distribution. The unit supports 480i resolution.

### SPECIFICATIONS

#### CT-400

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

Video	
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1. Video Impedance	75 ohm
2. Video Bandwidth	>10MHz
3. Video Gain	2V unterminated 1V
4. Video Insertion Loss	50Hz to 10MHz <40dB
5. In to Out Isolation	50Hz to 10MHz 32dB port to port
6. Out to In Isolation	50Hz to 10MHz 60dB
7. Return Loss	50Hz to 10MHz 60dB
8. Audio Response	>100kHz
<b>Audio</b>	
9. Audio Input Impedance	22K ohm
10. Audio Output Impedance	1K ohm
11. Gain	Unity
12. THD	0.05% @1V 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@2V (out)
18. A/V Input/Output Jacks	RCA type phone jacks
<b>General</b>	
19. Power	15V DC@400mA with 2.5mm power jack
20. Dimensions	

## 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

INSERT IMAGE and CONNECTIONS HERE

### 4. HARDWARE CONNECTIONS

- a. Connect the signal source's composite video output to the distribution amplifier's composite video input.
- b. Connect the signal source's audio L/R output to the distribution amplifier's audio L/R input.
- c. Connect your TV or monitor's composite input to the distribution amplifier's composite video OUTPUT 1, OUTPUT 2, OUTPUT 3, or OUTPUT 4.
- d. Connect your TV or monitor's audio L/R input to the distribution amplifier's audio L/R output.

Troubleshooting assistance can be found on-line at [www.cabletronix.com](http://www.cabletronix.com) in addition to support from Cabletronix sales engineers at 1-610-429-1511.