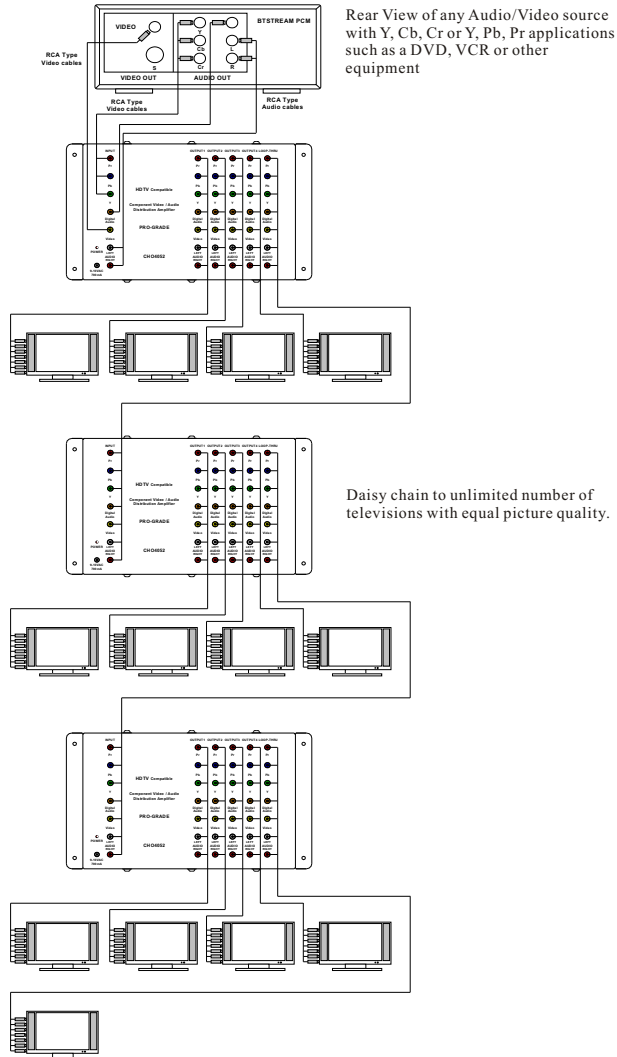


KEY INFORMATION

The CHO4052 units can be looped, cascaded or put in tandem as shown below without loss of Audio/Video signals. Audio and Video cables need to be top quality and can have runs of up to 100 feet between units and 150 feet between units and TVs



**Choice
Select**

Component Video / Audio 5-Port-HDTV DISTRIBUTION AMPLIFIERS With Digital Audio and Composite Video

CHO4052



INSTRUCTION MANUAL

True One-to-One Signal Ratio

The distribution of Audio/Video from a single source to multiple locations without any signal loss

MODEL: CHO4052

The CHO4052 has one set of inputs and four sets of outputs and a loop-thru to go to the next amplifier. The unit allows any Audio/Video source, with Y, Cb, Cr, or Y, Pb, Pr Outputs (components), to distribute Audio and Video to five different locations without any signal loss. The amplifier also supports composite video and digital audio. Dimensions: 13in x 6.5in x 1in

SPECIFICATIONS

VIDEO (All Channels including Component and Composite)

NOMINAL INPUT LEVEL: 1 VOLT PEAK TO PEAK
GAIN: 1 VOLT INTO 75 OHMS (2 VOLTS UNTERMINATED)
INPUT IMPEDANCE: 75 OHMS
OUTPUT IMPEDANCE: 75 OHMS
ISOLATION PORT TO PORT: 32 dB
ISOLATION OUT TO INPUT: 60 dB
RETURN LOSS: 18dB
VIDEO BANDWIDTH: 150MHz (HDTV REQUIRES 37MHz MIN.)

AUDIO

ANALOG:
NOMINAL INPUT LEVEL: 1 VOLT PEAK TO PEAK
GAIN: UNITY (ONE TO ONE)
INPUT IMPEDANCE: 22K OHM
OUTPUT IMPEDANCE: 1K OHM
THD: 0.05%
FREQUENCY RESPONSE: 20Hz TO 100kHz
CHANNEL SEPARATION: >75dB
PORT TO PORT ISOLATION: 60dB
OUT TO INPUT ISOLATION: 60dB
SIGNAL TO NOISE: 100dB @ 2 VOLTS OUT

DIGITAL

SUPPORTS STANDARD SPDIF DIGITAL AUDIO.
UNITY GAIN WHEN TERMINATED INTO 75 OHM (2X GAIN HIGH IMP.)
GREATER THAN 50MHz OF BANDWIDTH TO ENSURE MINIMAL DEGRADATION.

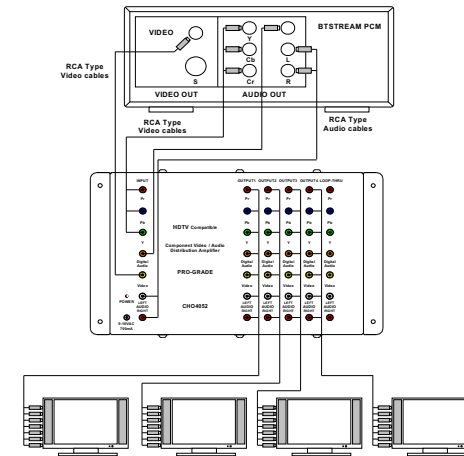
POWER

REQUIREMENTS: EXTERNAL 9 VOLT AC @ 1000mA WITH A 2.1mm CENTER COAXIAL CONNECTOR. POWER SUPPLY IS INCLUDED.

WARRANTY

A 24-MONTH WARRANTY PERIOD IS OFFERED FOR OUR PRODUCT UNDER NORMAL USE AND SERVICE.

Rear View of any Audio/Video source with Y, Cb, Cr or Y, Pb, Pr applications such as a DVD, VCR or other equipment



INSTALLATION / OPERATION INSTRUCTIONS

Unpack the amplifier and power supply from the box. Place the amplifier in a dry location, usually behind the shelf where the monitors are located.

The unit has integrated mounting brackets that are predrilled in case the user wishes to screw the unit to the shelf (screws supplied by user).

Connect the source device outputs to the appropriate input jacks on the CHO4052. Connect cabling from the CHO4052 outputs to the desired display or recording device. The loop-thru may be used as normal or connect to the next distribution amplifier to create more outputs.

Insert the power supply connector into the power jack of the CHO4052. Plug the wall transformer into a power outlet. The power LED should be on and the unit is ready to use.

SAFETY INSTRUCTIONS

Location: Avoid locations with strong vibrations, direct sunlight or intense heat
Avoid Electrical Shock: Do Not handle power cord with wet hands, do not expose to rain or other moisture. If liquid is spilled on unit, unplug and have unit serviced at authorized service center. To reduce the risk of electrical shock, do not remove cover, No User-serviceable parts inside.