

HIGH PERFORMANCE
**AUDIO / VIDEO
 DISTRIBUTION
 AMPLIFIER**



- S-video and/or composite video with left and right audio
- True one to one ratio
- No signal loss
- Daisy chain several units for larger displays with great picture quality
- Heavy duty metal housing provides excellent shielding
- Allows up to 150 ft. runs

LIMITED 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 date of 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 operating of unit, excess wear and tear and defects resulting from unauthorized disassembly and/or modification.



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 Garland, Texas 75041

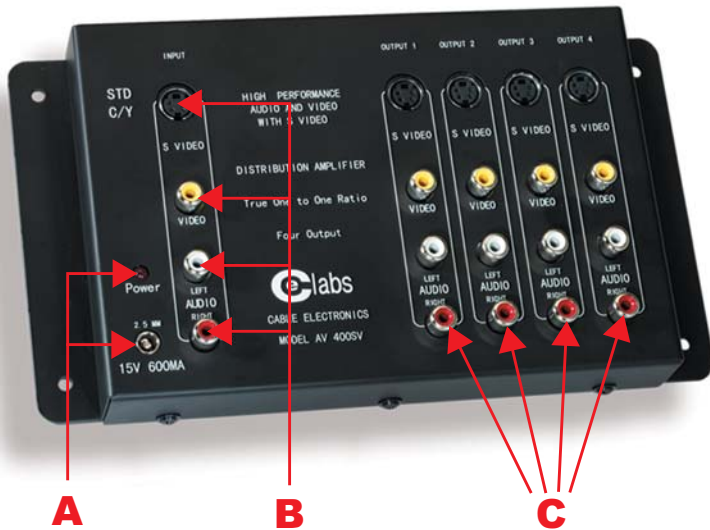
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MODEL AV400SV

GENERAL INFORMATION

The AV400SV allows any audio/video source to distribute S-video and/or composite video with left and right audio. The signal ratio is true one to one with no loss from original source to four different locations. These locations must have the same application as your audio/video source.



- A.** 15 Volt DC input jack at 600MA with 2.5 mm power jack. LED lights up when power is applied.
- B.** Input Jacks: Connect to original source at corresponding output jacks. Composite connections are color coded (red to red, yellow to yellow and white to white) with S-video to S-video.
- C.** Output Jacks: Connect to corresponding input jacks of TVs, VCRs, etc.

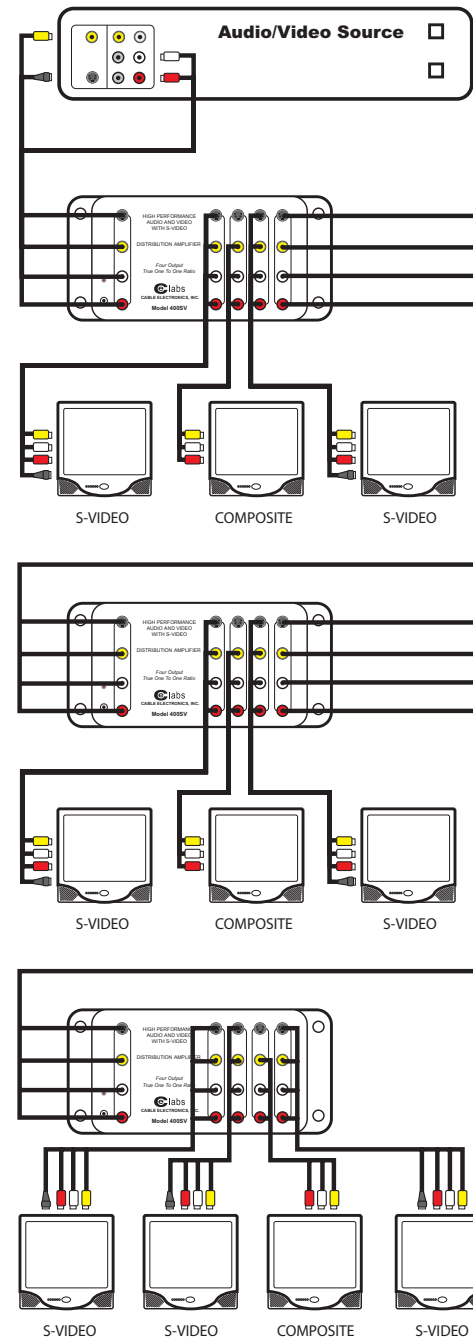
SAFETY INSTRUCTIONS

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.

KEY INFORMATION

The AV400SV can be looped, cascaded or put in tandem as shown without loss of audio/video signals. Audio/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.

Common Audio/video Sources: VCR, CD, Satellite receiver, etc.



VIDEO

Gain:
2 Volt Unterminated,
1 Volt Terminated: 75 ohm $\pm 5\%$

Input Impedance:
75 ohms $\pm 5\%$

Output Impedance:
75 ohms $\pm 5\%$

Video Insertion Loss:
50 Hz to 10 MHz < 40dB

In to Out Isolation:
50 Hz to 10 MHz 32 dB
port to port

Out to In Isolation:
50 Hz to 10 MHz 60 dB

Return Loss:
50 Hz to 10 MHz 20 dB

Video Bandwidth:
> 10 MHz

Audio Response:
> 100 KHz

AUDIO

Gain:
Unity

Input Impedance:
22 K ohm

Output Impedance:
1 K ohm

THD:
0.05% at 1.0 Volts input level

Frequency Response:
20 Hz to 100 KHz

Channel Separation:
> 75 dB @ 1 KHz

In to Out Isolation:
60 dB

Out to In Isolation:
60 dB

Signal to Noise:
100 dB (re: 2 Volts out)

A/V Input/Output Jacks:
RCA type Phono Jack