SAT-70V/100V



Sonnex[®] Output Transformers

- > Allows the use of 70 or 100 Volt speakers with any Sonnex[®] system
- > Enables the connection of multiple speakers to a single amplifier output
- > Enables the use of small gauge wire for long runs
- > Provides full transformer isolation
- > Rated 120 Watts at 70 or 100 Volts per channel
- > 40 Hz to 20 kHz (±1 dB) frequency response
- > 2 and 4 channel models available
- > Single-space rack mountable

Sonnex[®] Output Transformers (SAT-70V/100V) are designed for use with the Crestron[®] Sonnex Multiroom Audio System (SWAMP-24X8) and Expanders (SWAMPE-4 & SWAMPE-8). Available with 2 or 4 channels, these accessories enable the conversion of up to four amplifier output channels to handle 70 or 100 Volt speakers. Also known as "constant-voltage", 70 Volt and 100 Volt speaker systems allow for long wire runs using small-gauge wire, with the potential for connecting numerous speakers per circuit (similar to light fixtures on a common electrical circuit). Typical applications include outdoor speaker zones, retail spaces, hallways and common areas.

Sonnex Output Transformers are designed for maximum performance in a minimal space. Each channel handles a 120 Watt speaker load with a wide frequency response of 40 Hz to 20 kHz (\pm 1 dB). Full transformer isolation ensures trouble-free operation for long and complex wire runs, and helps protect the amplifier against electrical disturbances on the speaker line. The 2-channel SAT-70V/100V-2 model can support a single stereo zone, or two mono zones, of either 70V or 100V speakers. The 4-channel SAT-70V/100V-4 supports two stereo zones, four mono zones, or a combination on one stereo zone and two mono zones.

MODELS & ACCESSORIES

Available Models

SAT-70V/100V-2: 2-Channel Sonnex[®] Output Transformer SAT-70V/100V-4: 4-Channel Sonnex[®] Output Transformer

SPECIFICATIONS

Audio

Input Power Rating: 120 Watts RMS at 8 0hms per channel Output Power Rating: 120 Watts at 70 or 100 Volts (Transformer isolated) per channel Frequency Response: 40 Hz to 20 kHz ±1 dB

Connectors

CH 1 – 4, IN: (2 or 4) 2-pin 7.62mm 15A detachable terminal blocks; 8 Ohm speaker level inputs; Wire Size: Terminals accept up to 14 AWG



CH 1 – 4, OUT: (2 or 4) 3-pin 5mm detachable terminal blocks; 70V or 100V speaker level outputs; Minimum Load Impedance: 41 Ohms @ 70V, 83 Ohms @ 100V; Wire Size: Terminals accept up to 14 AWG

G: 6-32 screw, chassis ground lug

Environmental

Temperature: 41° to 113°F (5° to 45°C) **Humidity:** 10% to 90% RH (non-condensing)

Enclosure

Chassis: Metal with black finish, vented sides Front Panel: Metal, black finish with polycarbonate label overlay Mounting: Freestanding or 1U 19-inch rack-mountable (adhesive feet and rack ears included)

Dimensions

Height: 1.72 in (44 mm) without feet Width: 19.00 in (483 mm); 17.28 in (439 mm) without rack ears Depth: 10.01 in (255 mm)

Weight

SAT-70V/100V-2: 6.0 lb (2.73 kg) SAT-70V/100V-2: 12.0 lb (5.45 kg)

Notes:

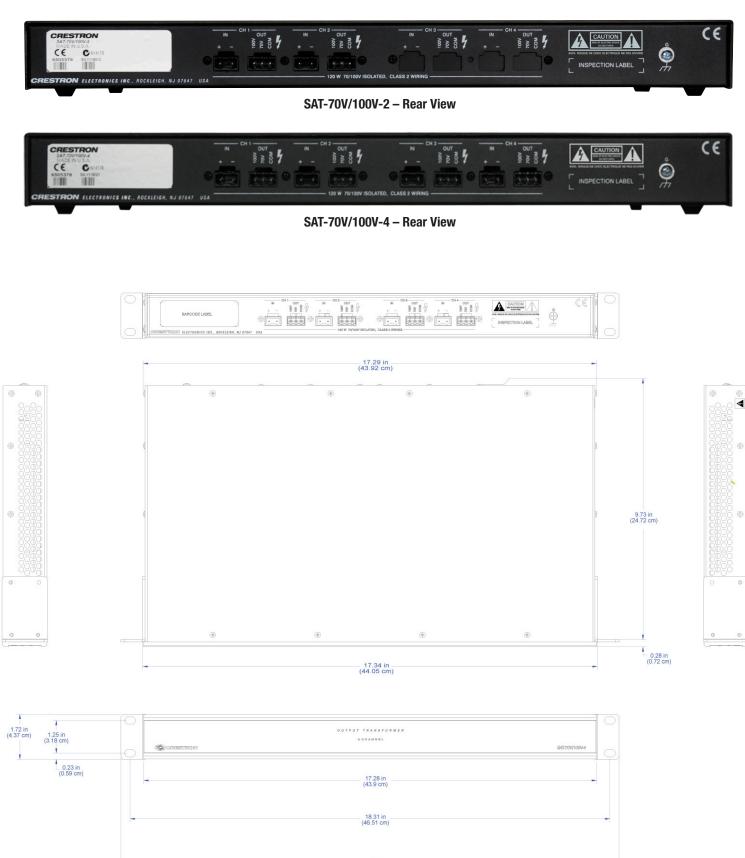
This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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19 in (48.26 cm)