

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 (± 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 Ohms 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-4:** 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.

Crestron, the Crestron logo, and Sonnex are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography. Specifications are subject to change without notice.
©2013 Crestron Electronics, Inc.

SAT-70V/100V Sonnex[®] Output Transformers



SAT-70V/100V-2 – Rear View



SAT-70V/100V-4 – Rear View

