

SAT-70V/100V-2(-4)

Sonnex[®] Output Transformer

1 Introduction

The SAT-70V/100V easily adds transformer-isolated "constant-voltage" speaker outputs to any Sonnex[®] system to handle long speaker runs, outdoor speakers, and large zones with multiple speakers.

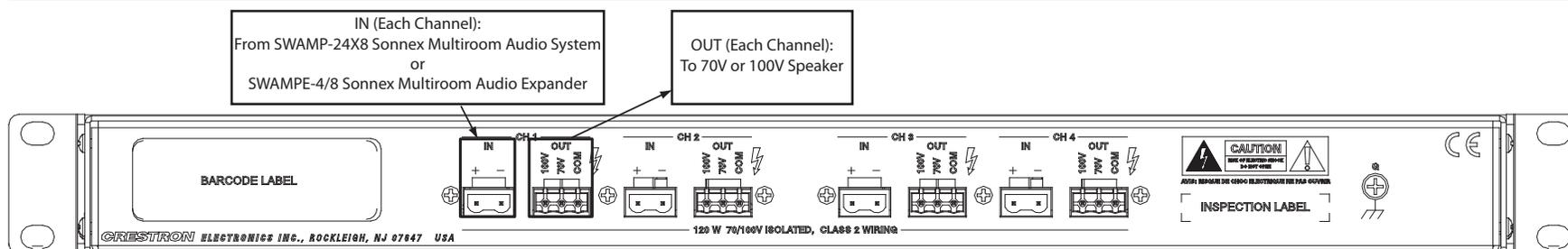
The SAT-70V/100V is available as a 2-channel model (SAT-70V/100V-2) and a 4-channel model (SAT-70V/100V-4).

2 Hardware Hookup

Make connections to the SAT-70V/100V as shown in the following diagram. The SAT-70V/100V-4 is shown.

WARNING: This device is capable of delivering immense amounts of undistorted power to your loudspeakers. Please use caution and adequate ear protection if listening to content at high volume levels as continued exposure to high sound pressure levels can cause permanent hearing impairment or loss.

CAUTION: Check the speaker wires for shorts and frayed wiring around the IN and OUT connectors.



3 Configuration

To prevent transformer saturation, a 40 Hz or higher high-pass filter should be used in front of the power amp driving the SAT-70V/100V. If the SAT-70V/100V is connected to a SWAMP-24X8 or SWAMPE zone, use the SAT-70V/100V profile built into the Sonnex Tools application to configure a high-pass filter on the zone that is connected to SAT-70V/100V. For details, refer to the Sonnex Tools help file.

4 Specifications

SPECIFICATION	DETAILS
Maximum Input	120 watts RMS, 70V or 100V configuration
Minimum Load Impedance	41 Ω (70V), 83 Ω (100V)
Environmental	
Temperature	41° to 113°F (5° to 45°C)
Humidity	10% to 90% RH (non-condensing)
Dimensions	
Height	1.72 in (44 mm), without feet
Width	19.00 in (483 mm), with rack ears 17.28 in (439 mm), without rack ears
Depth	10.01 in (255 mm)

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