

MUSIC INTERFACE

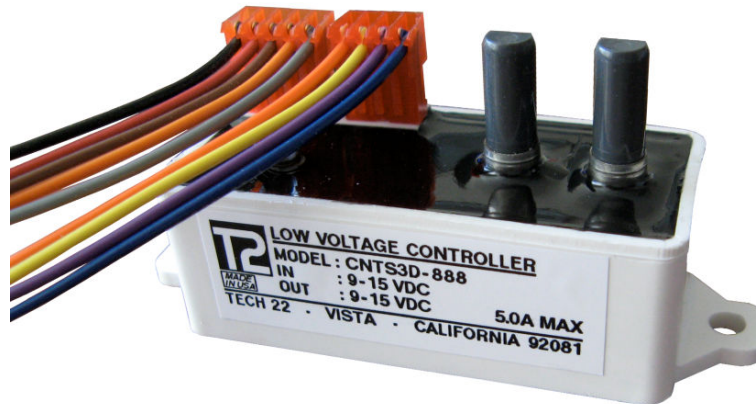
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(unit shown in actual size)

The MUSIC INTERFACE controls one or more neon tubes, light bulbs or LED circuits in response to music or other audio signals. It connects to the speaker wires or line output or headphones output of just about any type of portable radio, home stereo, car stereo, musical instrument amplifier, public address system, etc., processes the audio signals and generates three separate outputs, each with somewhat different effect. Although the unit automatically compensates for changes of the audio volume, it contains a volume control for coarse adjustment. A built-in LED indicates proper setting.

The MUSIC INTERFACE operates from electrical power 9 VDC minimum to 15 VDC maximum. Maximum current consumed is 20 mA, plus the load connected to it. These parameters make the unit directly compatible with 12 Volts wiring in portable or automotive applications. A small adapter is required for operation from 120 Volts outlet.

POWER REQUIREMENTS

Voltage : 9 to 15 VDC

Current : 20 mA, plus the connected load

INPUT AND OUTPUT CONNECTIONS

10 pin inline connector. Mating connector with AWG 22 leads, 12 inches long, is supplied with the unit.

AUDIO SIGNAL

Suitable audio signal source is ground referenced, with amplitude between 0.1 and 5.0 volts rms. Input impedance is 50 kilo ohms.

OUTPUT CHARACTERISTICS

High-current MOSFETS switch load to ground in response to the audio signal.

Output voltage : 9 to 15 VDC

(same as power supply voltage)

Output current : 5 amps max

OVERALL DIMENSIONS

3.37 x 1.13 x 0.86 inches

MOUNTING

Unit is mounted with two screws.

HOW TO ORDER

Part number CNTS3D-888