

OPERATING INSTRUCTIONS



MODEL TGSP-3 3-TONE GENERATOR OPERATING INSTRUCTIONS

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE

DESCRIPTION

The Raymer Model TGSP-3 is an all solid state tone generator with a built-in power supply. This tone generator will produce either a continuous tone, a repeating chime tone, or a siren tone. The frequency of these tones is adjustable from 900 to 2,500 Hz. The output of the generator is adjustable and will deliver up to 2 volts into a 50K ohm load.

Any of the tones may be activated by a simple S.P.S.T. switch. The siren tone will take precedence over the continuous or chime tone; the continuous tone will take precedence over the chime tone.

CONNECTION AND OPERATION

Because of the low current drain of the solid state circuit of the TGSP-3, it may be left running continuously without heat build-up. If, however, it is desirable to turn the unit on and off with its associated equipment, the AC cord should be plugged into the AC convenience outlet on the amplifier or receiver with which it is used.

The output of the generator may be connected into an auxiliary input, microphone input, or bridging input of any amplifier or receiver. SHIELDED CABLE MUST BE USED to connect the output of the generator to the amplifier input.

When the generator output is connected to the microphone input of an amplifier, be sure to use a shielded (metal cover) microphone plug. In order to prevent overloading of the microphone preamplifier the output of the generator should be shunted with a one thousand ohm resistor.

To actuate the generator connect a switch between the terminal marked KEY and the terminal of the tone desired. Closing the switch circuit activates the unit. The unit may be wired with three different switching circuits, one for each tone. In the event that two of these switches are closed simultaneously the continuous tone will take precedence over the chime tone and the siren tone will take precedence over both chime and steady tone. Any number of switches may be wired in parallel to activiate a tone from different locations.

CAUTION: Do not parallel the tone generator keying circuit with the control circuit of any other equipment or damage to the tone generator may result. If it is desired to activate another circuit simultaneously with the tone, a two pole switch or relay must be used.

WARRANTY

This unit has been very carefully inspected and should require no further service. Each unit is warranted to be free from defects in material and workmanship under normal use and service for a period of one year from date of delivery to the original purchaser. If this unit appears to be defective, the factory will repair any unit returned within said one year, providing all transportation charges are pre-paid, and which our examination shall disclose to our satisfaction to be defective.

This Warranty does not include free labor, nor is it applicable to any unit which shall have been subject to accident, tampered with, mis-used, abused, or altered in any manner whatsoever. Further, this Warranty shall not apply to any unit which has been connected improperly.

This Warranty is expressly in lieu of all other Warranties, expressed or implied, and of all other obligations or liabilities on our part. We neither assume nor authorize any other person to assume for us any other liability in connection with the products manufactured by Trutone Electronics, Inc.

