



**CAMPDEN INSTRUMENTS LIMITED**

INSTRUCTION MANUAL

FOR

258 AUDIO GENERATOR

Campden Instruments Limited  
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Read and understand this instruction book before using the instrument. Only competent and capable personnel should use the instrument.

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This document should be retained for future reference as it contains the name and address of the manufacturer within the EC.

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## INTRODUCTION.

The Campden Instruments 258 Audio Generator was designed for standard 62" power rod mounting. It will function satisfactorily over a DC range of 22 - 30 volts from a reasonably well regulated DC Power Supply. It is compatible with all 24 - 28 volt DC Ground Operating Systems.

To avoid the possibility of electrical shock do not touch the instrument with wet or damp hands. All electrical instruments and equipment should be periodically tested to ensure they remain safe to use. In some countries this may be a statutory requirement. Your local Health and Safety Executive (or equivalent) will be able to advise on this matter.

The unit contains no user-serviceable parts. Contact your dealer or Campden Instruments if you require assistance.

## OPERATION

Up to four different frequencies can be programmed into to 258. These frequencies are then selected by connecting the appropriate OPERATE stud A,B,C or D to ground.

The white connections numbered 1 to 10 at the top of the unit, together with the yellow scale factor connections are used to create the output frequency. The frequency is determined as a multiple of the two. E.g. using stud 3 and x100 would give 300Hz.

To program Frequencies, the two rows of blue connectors are used. The letters A,B,C and D correspond to the channel selected on the OPERATE stud. Connect the top blue connector to the required white FREQUENCY stud, and the bottom blue connector to the required MULTIPLE stud. Up to four frequencies can be programmed, and selected using the OPERATE studs.

Connecting the MUTE stud to GROUND turns the output off.

## SPECIFICATIONS

Power Requirements: 22 - 30 V DC

Current Consumption: 0.07A (Average)

Power Ratings: 10 W

Power output (audio) 10 Watts into 15 Ohms