

SHURE *Technical Data*

MODEL 510 MD FIXED-STATION DISPATCHER

MICROPHONES

MAGNETIC
HEARING AID
MICROPHONES

TELEPHONE
HANDSETS

PHONOGRAPH
PICKUPS

PHONOGRAPH
PICKUP
CARTRIDGES

PHONOGRAPH
NEEDLES

WIRE AND TAPE
RECORDING
HEADS

VIBRATION
PICKUPS



Aug. 7, 1952

1026

GENERAL:

Model 510 MD is an integral assembly of a Controlled Reluctance Microphone and desk stand with a built-in switch. The microphone has a 4000 ohm impedance, high output, smooth response, and a semi-directional pickup characteristic.

The non-locking switch in the desk stand is a two pole, single throw, normally open switch. The switch may be used to control both the microphone circuit and an external relay or control circuit.

The microphone, as supplied, is wired to control only an external relay or control circuit. For " on-off " control of the microphone circuit also, clip jumper lead (R),

Jumper lead (R) should also be clipped in any application where two or more Model 510 MD microphones are used in parallel.

Each microphone is provided with a high quality four-conductor shielded cable.

APPLICATIONS:

The Model 510 MD is a replacement for the SHURE CR84 and the SHURE CR84A assemblies. It is ideal for mobile and fixed-station use in all types of communication work.

CONNECTIONS:

Figure A (see reverse side) shows the internal wiring of the Model 510 MD. The diagram, also, shows connections to a 4-pin Amphenol MC4M connector (as used on Model CR84A) and a 6-pin Amphenol MC6M connector (as used on Model CR84).

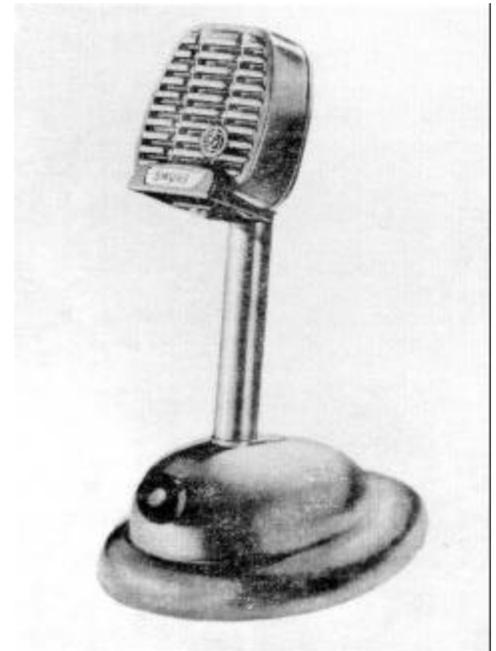
SPECIFICATIONS:

Voltage Sensitivity: 57.5 db below 1 volt per microbar when loaded with 100,000 ohms or more.

Recommended Load Impedance: 100,000 ohms or more.

GUARANTEE:

Each microphone is guaranteed to be free from electrical and mechanical defects for a period of one year from date of shipment from the factory, provided all instructions are complied with fully. In case of damage, return the microphone to the factory for repairs. Our guarantee is voided if the microphone case is opened.



| MODEL 510 MD | |
|----------------|-----------------|
| HEIGHT OVERALL | 10 " |
| LENGTH OVERALL | 7 " |
| WIDTH OVERALL | 5 " |
| FINISH | DARK GRAY ENAM. |
| SHIPPING WT. | 3.75 LBS. |
| CODE WORD | RUDAK |

SHURE BROTHERS, INC.

225 W. HURON ST. CHICAGO 10, ILL.

CABLE ADDRESS: SHUREMICRO

SHURE