

MICROPHONE DATA SHEET

No. MDS-1
Sheet 1 of 1 Sheets
Date 11-22-34

(Revised 6-20-35)

- (1) Type Designation...UZ-4083, A, B....
- (2) Name of Device.....Condenser Transmitter Unit.....
- (3) Master Item (MI) Number.....4020, A, B,.....
- (4) Application or Applications.....Sound Recording.....
- (5) Output Impedance or Impedances..Variable $C_0 = 250 \times 10^{-12}$ mf. ohms
- (6) Load Impedance or Impedances....10 Megohms or higher.....ohms
- (7) Frequency Response - Refer to S-813930, 813964,..here attached**
813965
- (8) Output Level
(a).....*db across.....ohms
(b)....800....micro-volts/ber, across.....Open Circuit.....ohms
- (9) Type of Magnet.....None.....***
- (10) Photographs - Refer to Nos....19081, 19082.....here attached
- (11) Weight.....1-1/2.....lbs. (Unpacked)
- (12) Type of Finish...Statuary Bronze - RCA Manufacturing Fin.#15...
- (13) Means Provided for External Connection....Terminal Screw.....
- (14) Type & Size of Cable Required.....None.....
- (15) Overall Dimensions
(a) Overall Length.....in.
(b) Overall Width.....in.
(c) Overall Depth....1-1/2.....in.
(d) Overall Diameter.3-1/4.....in.
- (16) Drawing Reference
(a) Assembly Dwg. No.....T-7650029-G1
(b) Wiring Dwg. No.....

Design Engineer....L. J. Anderson.....

* Zero db. reference level = 0.0125 watt

** Curve Sheet should specify the value of resistance across which the output voltage is measured.

*** If Electro-magnetic type, the voltage and current of electro-magnet should be specified.

RCA Manufacturing Company, Inc.—Engineering Department



