

# RADIO SET

## FUNCTIONAL DESCRIPTION

The CMS (Electronic Research Mfg Co) is designed as a single frequency Receiver-Transmitter. It provides two-way voice communication with a similar equipment operating on the same frequency.

No field changes in effect at time of preparation (17 March 1960).

land, Ohio.  
Model No. CMS.

## TUBE AND/OR CRYSTAL COMPLEMENT

(4) 3S4      (3) 6L6      (3) 6V6GT

Total Tubes: (10)

Crystal Data not available.

## ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF FREQUENCY CONTROL: Crystal.

TYPE OF CIRCUIT: Superheterodyne.

TYPE OF EMISSION

TRANSMITTER AND RECEIVER: A1 type.

NUMBER OF BANDS

TRANSMITTER AND RECEIVER: 2 bands.

OUTPUT POWER: 25 W max.

FREQUENCY RANGE

TRANSMITTER AND RECEIVER: 3.1 to 13.5 mc.

OPERATING POWER RQMT: 425 v DC.

## REFERENCE DATA AND LITERATURE

Electronic Research and Mfg Corporation  
Catalog No. 1540 for Radio Set Model CMS.

TYPE CLASSIFICATION (NAVY)  
DESIGN COGNIZANCE COMMERCIAL  
PROCUREMENT COGNIZANCE  
STOCK NO.  
R.D.B. IDENT. NO.

## MANUFACTURER'S OR CONTRACTOR'S DATA

Electronic Research and Mfg Co., Cleve-

## EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Receiver CMS-R		
1	Transmitter CMS-5		
3	Antenna Coils (for transmitter)		
2	Antenna Reel (w/132 ft of wire)		
4	Antenna Insulator		
1	Pair of Phone (600 ohms)		
1	Key (w/knob, cord & plug)		
1	Tool Kit		
1	Cord and Receptacle (for receiver)		
1	Cord and Receptacle (for Transmitter)		