



SCR-608-(\*)

Figure 103. Radio Set SCR-608-(\*).

*Status:* Standard. *Stock No.:* 2S608/12 for 12-volt operation; 2S608/24 for 24-volt operation.  
*Reference:* TM 11-620.

Radio Set SCR-608-(\*), represents Radio Sets SCR-608-A and -B. Radio Set SCR-608-(\*), is designed to provide f-m radiotelephone facilities. It may be installed and operated in combat vehicles such as tanks, scout cars, half-tracks, command cars, or any other authorized vehicles.

Radio Set SCR-608-(\*), consists basically of Radio Transmitter BC-684-BM and two Radio Receivers BC-683-BM, and is arranged for control operation through interphone equipment. This set is similar to Radio Set SCR-508-(\*), except in frequency.

**TECHNICAL CHARACTERISTICS**

FREQUENCY RANGE: 27.0 to 38.9 mc in 120 channels.  
 NUMBER OF CRYSTALS: 120.  
 PRESET FREQUENCIES: 10 (push-button selection).  
 ANTENNA: Whip, 10 ft long, consisting of Mast Sections MS-116, MS-117, and MS-118, in some installations, mounted on Mast Base AB-16/GR.  
 TYPE MODULATION: Indirect frequency.  
 FREQUENCY CONTROL: Transmitter: Crystal.  
 POWER SOURCE:  
     Transmitter: 12-v vehicular battery through Dynamotor DM-35, or 24-v vehicular battery through Dynamotor DM-37.  
     Receiver: 12-v vehicular battery through Dynamotor DM-34, or 24-v vehicular battery through Dynamotor DM-36.  
 POWER OUTPUT: 20 w.  
 RANGE: Stationary, 15 mi; moving, 10 mi.  
 NUMBER OF TUBES: 18.

**GENERAL APPLICATION**

USE: Armored combat vehicles and tactical ground units.  
 TO COMMUNICATE WITH: Radio Sets SCR-298, SCR-509, SCR-510, SCR-528, SCR-608, SCR-609, SCR-610, SCR-619, SCR-628, SCR-808, and SCR-828-A.

INSTALLATION: Installed and operated in vehicle.  
 TYPE OF SIGNAL: Voice.

**PRINCIPAL COMPONENTS**

Name	Dimensions (in.)	Weight (lb)
1 Radio Transmitter BC-684-BM. ....	11½ x 10¼ x 18	67
2 Radio Receivers BC-683-BM. ....	11½ x 6¾ x 12½	35
1 Mast Base AB-15/GR ...	15	2
1 Mast Section MS-116* ...	39¾	0.6
1 Mast Section MS-117* ...	39½	0.7
1 Mast Section MS-118 ...	39¾	0.8
2 Dynamotors DM-34 ...	4½ x 3 x 6½	4.7
1 Dynamotor DM-35 ...	5½ x 4½ x 8¼	9.2
1 Mounting FT-237 ...	5½ x 13 x 3¾	44

\*Mast Section MS-116 or Mast Section MS-117 may be used as the bottom section of the antenna when Mast Base AB-15/GR is used.

**WEIGHT AND VOLUME**

	Unpacked	Export pack
Total weight (lb) .....	349.41	660
Total volume (cu ft) .....	14.58	31.6
Ship tons (approx) .....		0.75