



BC-779-(\*)

Figure 48. Radio Receiver BC-779-(\*).

*Status:* Standard. *Stock No.:* 2C4779. *Reference:* TM 11-866.

Radio Receiver BC-779-(\*), represents Receiver BC-779-A and -B. Radio Receiver BC-779-(\*), is a superheterodyne receiver intended primarily for fixed-station use, although mountings for vehicular installation may be provided.

The receiver uses a conventional superheterodyne circuit and is designed for the reception of either c-w or a-m voice or tone signals, with either manual or auto.

The receiver uses an external power supply, but in emergency, can be operated from batteries.

This equipment is the same as Radio Receivers BC-794-A, -B; BC-1004-B, -C, -D; and R-129/U, except in frequency coverage.

### TECHNICAL CHARACTERISTICS

FREQUENCY RANGE: 0.1 to 20 mc in 5 bands.  
 NUMBER OF CRYSTALS: 1 (i-f filter).  
 PRESET FREQUENCIES: None.  
 ANTENNA: Doublet antenna with balanced transmission line, or single wire and ground.  
 TYPE MODULATION: Amplitude or c-w.  
 POWER SOURCE: One of the following: Power Supply Units RA-74, RA-84, RA-94-A (95 to 260 v, 25/60 cyc ac, 180 w) or in an emergency one 6-v storage battery, five 45-v B batteries, and one 45-v C battery.  
 RANGE: Long.  
 NUMBER OF TUBES: 18.

### APPLICATION

USE: General purpose communication receiver.  
 TO COMMUNICATE WITH: Radio Sets AN/GRC-9, AN/MRC/2A, AN/VRC-1, SCR-177, SCR-188, SCR-193, SCR-399, SCR-499, SCR-536, SCR-543, and SCR-694.

INSTALLATION: Fixed station, although mountings may be provided for vehicular installation.  
 TYPE OF SIGNAL: C-w, tone, and voice.

### PRINCIPAL COMPONENTS

<i>Name</i>	<i>Dimensions (in.)</i>	<i>Weight (lb)</i>
Radio Receiver BC-779-(*) with power and battery cables and dust cover .....	10½ x 15¾ x 19	55
(Above, with Cabinet CH-104-A instead of dust cover) .....	12¼ x 16½ x 23	73
Power supply unit with dust cover) .....	10½ x 10 x 19	60

### WEIGHT AND VOLUME

	<i>Unpacked</i>	<i>Domestic pack</i>	<i>Export pack</i>
Total weight (lb) .....	115	120	179
Total volume (cu ft)	3.0	4.4	7.5