



AN/SRR-2

Figure 15. Radio Receiving Set AN/SRR-2.

Status: Standard. *Stock No.:* 2C4519-8600X.

Radio Receiving Set AN/SRR-2 (RMCA model AR-8600-X) comprises a complete automatic alarm system for use on shipboard, the components of which are mounted in the receiver-selector unit on a single panel which is hinged at the bottom to a metal cabinet. It is designed to "stand watch" on the distress frequency of 0.5 mc and to ring an alarm bell when properly coded distress signals are received (a series of 4-second dashes spaced at 1-second intervals). The alarm bells also ring to indicate a burnt-out tube, a blown fuse, and substantially low or high supply voltages. The auto-alarm also includes a warning light unit installed on the bridge. Warning lights on the front panel and on the bridge alarm unit indicate when static or other interference causes the selector relays to operate. Adjustments are provided to remedy such conditions.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE: 0.4875 to 0.5125 mc.
PRESET FREQUENCIES: 1.
ANTENNA: Ship's antenna.
TYPE MODULATION: C-w.
POWER SOURCE: 115-v dc, 1.5 amp. 6-v storage battery,
0.4 amp; 3 amp when all bells are ringing.
RANGE: Short and medium.
NUMBER OF TUBES: 9.

GENERAL APPLICATION

USE: Marine automatic alarm system.
TO COMMUNICATE WITH: Receives signals from other
ships at distress frequency of 0.5 mc, operating warning

signals in the operator's quarters and on the ship's bridge.
INSTALLATION: Fixed on shipboard.
TYPE OF SIGNAL: Bell and lamp.

PRINCIPAL COMPONENTS

<i>Name</i>	<i>Dimensions (in.)</i>	<i>Weight (lb.)</i>
Receiver-selector	26 $\frac{1}{8}$ x 15 $\frac{1}{8}$ x 11 $\frac{3}{4}$	63
Junction box	14 $\frac{1}{8}$ x 12 $\frac{1}{8}$ x 5 $\frac{1}{8}$	23
Master switch	6 x 8 $\frac{1}{2}$	6
Bridge bell and warning light	7 x 6 $\frac{1}{8}$ x 3 $\frac{3}{8}$	5 $\frac{1}{4}$

WEIGHT

Total weight (lb).....	<i>Domestic pack</i> 97 $\frac{1}{4}$
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