



AN/SRR-3

Figure 16. Radio Receiving Set AN/SRR-3.

*Status:* Limited standard. *Stock No.:* 2C4589.

Radio Receiving Set AN/SRR-3 (Scott model SLR-F) is a superheterodyne receiver primarily intended for shipboard installation, but is also suitable for use at radio shore stations. It is adapted for the reception of radiotelephone or radiotelegraph signals (cw or mcw) by either headphones or loudspeaker.

The equipment is designed for a-c operation, being equipped with a rectifier type power supply. It permits the use of one pair of head-telephones (either 600-ohm or 20,000-ohm impedance) separately or in conjunction with the local loudspeaker of the permanent magnet type.

Radio Receiving Set AN/SRR-3 is contained in a steel cabinet designed for installation on top of an operating table or bench by means of a cradle type shock mounting. The chassis is constructed so that it may be mounted in a cabinet type standard relay rack.

### TECHNICAL CHARACTERISTICS

FREQUENCY RANGE: 0.08 to 24 mc in 5 bands as follows:

- Band 1: 0.08 to 0.22 mc.
- Band 2: 0.21 to 0.56 mc.
- Band 3: 1.9 to 5.1 mc.
- Band 4: 4.5 to 12 mc.
- Band 5: 8.8 to 24 mc.

NUMBER OF CRYSTALS: None.

ANTENNA: Balanced feed line or single wire.

TYPE MODULATION: C-w or m-c-w.

POWER SOURCE: 110/120-v, 60-cyc at 85 w (0.75 amp).

RANGE: Medium and long.

NUMBER OF TUBES: 11.

### GENERAL APPLICATION

USE: Marine communication.

TO COMMUNICATE WITH: Shipboard and shore stations within frequency range.

INSTALLATION: Fixed, shipboard, or shore station.

TYPE OF SIGNAL: C-w and m-c-w.

### PRINCIPAL COMPONENTS

<i>Name</i>	<i>Dimensions (in.)</i>	<i>Weight (lb)</i>
Radio Receiver (Scott model SLR-F)	21 x 20 $\frac{1}{8}$ x 13 $\frac{7}{8}$	106
Inverter (Scott model 262)	8 x 10 $\frac{1}{8}$ x 8 $\frac{1}{2}$	28
Speaker (Scott model SPM-8)	10 $\frac{1}{2}$ x 5 x 9 $\frac{3}{8}$	6 $\frac{1}{2}$

### WEIGHT

Total weight (lb)	140 $\frac{1}{2}$
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