

STATUS: Standard

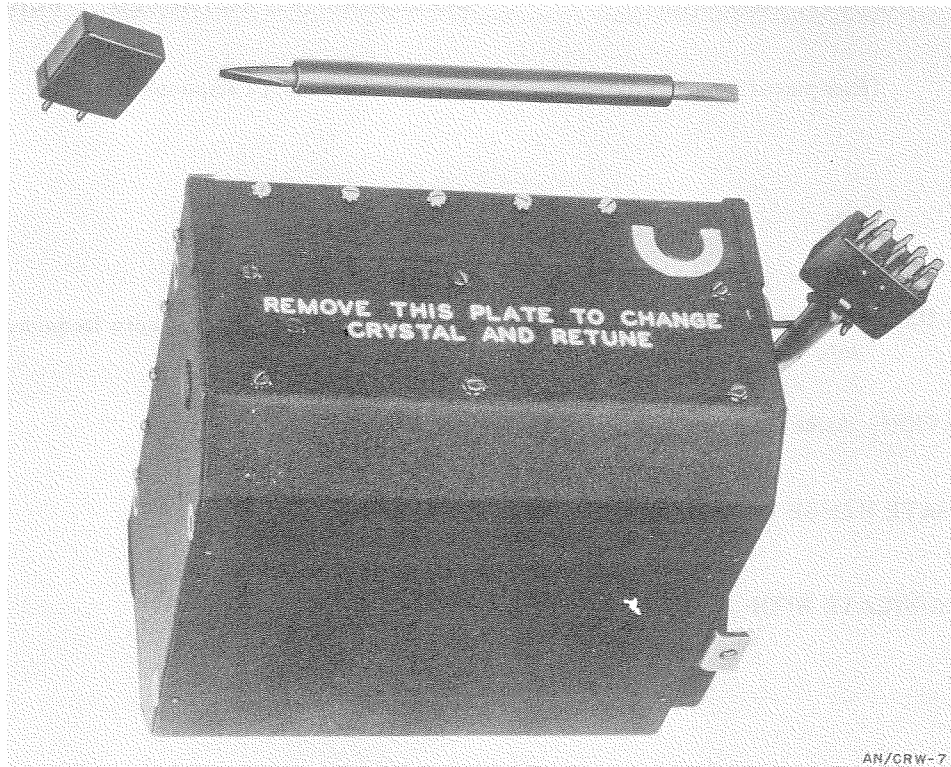
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Air Force

DATE OF THIS SHEET: 19 May 52

AN/CRW-7

RADIO RECEIVING SET



AN/CRW-7

Radio Receiving Set AN/CRW-7 is a compact, battery-operated, superheterodyne receiving unit of a remote control radio system. Crystals are available to preset the receiver to any one of 47 channels in the frequency range 65.94 to 92.85 mc. Once a channel is selected various relays may be operated by audio signals on the following frequencies 475, 755, 1,900, and 3,000 cps. When audio signals are received on these channels relays are operated affording a means of controlling other equipment.

This radio control system is normally operated by signals transmitted from Radio Transmitting Equipment RC-186. However, any other transmitting equipment may be used which is capable of audio tone modulation in the same frequency range.

This receiver normally uses the Razon type antenna, however, the Azon antenna may also be used.

AN/CRW-7	INSTRUCTION LITERATURE: TO 16-30CRW7-11, 13
	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO RECEIVING SET	USING SERVICE : Air Force
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
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(Equipment consists only of a single major operating component).

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Remote control applications by receiving and transforming radio frequency energy into mechanical energy.

INSTALLATION: Airborne or ground.

APPROXIMATE RANGE (IN MILES): (Nominal) Line of sight.

CAN COMMUNICATE WITH: MBF; TBS; TBY.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: Any one of 47 crystal-controlled preset channels in the v-h-f range 65.94 - 92.85.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Tone.

POWER REQUIREMENTS: 60 w (maximum) 19 - 23 v, (3 amp) dc.

PHYSICAL CHARACTERISTICS

Radio Receiving Set AN/CRW-7 measures 8 x 8-1/2 x 4-1/2 inches, net weight 15 pounds, volume 0.18 cu ft. Packed for either domestic or export shipment: total weight 18 pounds, total volume 0.2 cu ft. Shipped in 1 package.