

STATUS: See note below *
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Air Force
 DATE OF THIS SHEET: 10 Jun 52

AN/FRT-TYPE

SERVICE TYPE NUMBER: BC-329
 RADIO TRANSMITTER



Radio Transmitter BC-329 is a fixed, ground, a-m radio transmitter for short-range airport control by voice communication in the l-f (200 to 410 kc) range.

It is crystal controlled, but has a master oscillator for emergency operation at frequency range 0.19 to 0.4 mc.

The 500-ohm impedance audio input circuit is designed for a low impedance microphone or telephone line.

The antenna output is designed for operation into a long wire antenna such as the antenna kit (Signal Corps Stock No. 2A2530-GP-1) used with but not part of Tower AB-127/FR.

* Radio Transmitters BC-329-A, -B, -C, -D, -E, -F, -G, -H, -J, -L, -M are Limited Standard; BC-329-N is Substitute Standard, but all models are interchangeable.

AN/FRT-TYPE		INSTRUCTION LITERATURE: TO 16-30GRT-2-3
		CLASSIFICATION OF EQUIPMENT: Unclassified
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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: Normally utilized at advanced air bases for emergency airport traffic control.

INSTALLATION: Ground, self-contained for table or floor mounting.

APPROXIMATE RANGE (IN MILES): (Nominal) short.

CAN COMMUNICATE WITH: AN/ARC-5, -8; AN/GRR-3; AN/MRC-20; AN/SRC-3; AN/SRR-3, -11, -12; AN/TRQ-1; AN/VRC-4; BC-344, -348, -453, -779; MBS; R-96/SR, -129/U, -203/SR, -206/PR, -210/U, -211/U, -212/SR, -213/SR, -215/SR, -247/URR; RAK; RAL; RAS; RBA; RBH; RBL; RBM; RCH; RDF; SCR-177, -274, -614; ARC Type 12; Fisher TS 25-3; National HRO-50.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.2 - 0.41, preset, single channel.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: 25 w.

POWER REQUIREMENTS: 560 w, 105-125 v, 50/60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Radio Transmitter BC-329 measures 30-1/2 x 24-1/2 x 20 inches, net weight 240 pounds, volume 6.9 cu ft. Packed for domestic or export shipment: total weight 264 pounds, total volume 7.4 cu ft. Shipped in 1 package.