

COMMON AERIAL OUTFIT EAT(2)

EAT(2)

SUMMARY OF DATA

PURPOSE

Distribution of radio signals from a single aerial to a large number of private broadcast receivers. Outfit EAT(2) can accommodate up to 40 receivers.

FREQUENCY RANGE

150 kHz to 350 kHz, 500 kHz to 1500 kHz and 6 to 28 MHz.

BRIEF DESCRIPTION

The Panel, Signal Distribution Unit, contains three wide-band amplifiers, one for medium and long wavebands, another for short wavebands and the third for combined outputs.

Distribution is arranged from four output sockets to Interconnecting Boxes fitted in cabins and messdecks, up to a maximum of 10 from each socket. Output sockets not in use are fitted with terminating resistor AP 105877. The final interconnecting box on each output socket is fitted with a 75 ohm terminating resistor. NSN 5905-99-022-1095.

MAJOR UNITS

- 5820-AP 105871 Panel, Signal Distribution Unit
- 6130-AP 105872 Power Supply (a.c. to d.c.)
- 5820-AP 105873 Interconnecting Box
- 5995-AP 105874 Cable Assembly R.F.



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PHYSICAL DATA

	Height	Width	Depth	Weight
5820-AP 105871 Panel	21 in	10 in	9 1/4 in	32 lb
5820-AP 105873 Interconnecting Box	2 1/2 in	2 1/2 in	1 1/2 in	-

POWER SUPPLIES

110 V d.c. or 220 V d.c. (with 260 ohm dropping resistor) - 0.47 amp.

NOTE: In a.c. ships, AP 105872 Power Supply (a.c. to d.c.) unit is used, with tapped input of 115 V, 200 V, 210 V, 220 V, 230 V or 240 V a.c. providing 110 V d.c. 0.5 amp.

HANDBOOK

BR 2360(2)

INSTALLATION SPECIFICATION

Equipment sponsored by DGS (DEE).