

TRANSMITTER DRIVE OUTFIT TDA(2)

TDA(2)

SUMMARY OF DATA

PURPOSE

To provide by frequency synthesis radio frequencies of high stability and of standard accuracy for driving a transmitter system in the range of 240 kHz to 24 MHz.

BRIEF DESCRIPTION

Transmitter Drive Outfit TDA(2) covers the frequency range 240 kHz to 24 MHz and in this range any one of 297000 discrete 100 Hz frequencies may be selected by six manual controls; drive power is obtained from a 100 kHz ships standard frequency source. In the TRANSMIT condition any one of 10 modes of modulation may be selected by a single manual selector. The power output in the TRANSMIT mode is set to a minimum of 100 mW into 75 ohm nominal. Apart from frequency and mode selection TDA(2) is operated by remote control.

MAJOR UNITS

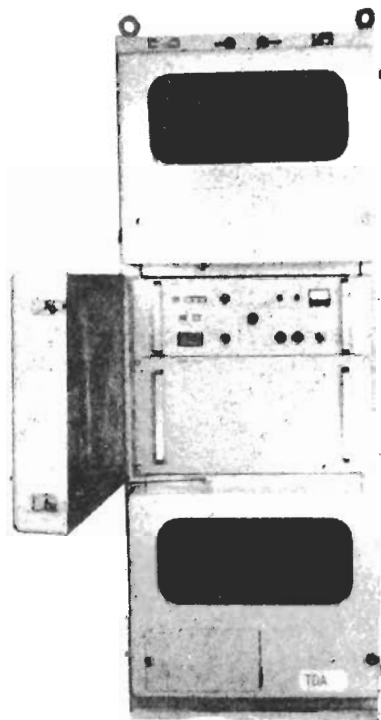
5820-AP 164486 Cabinet
NSN 5820-99-531-4108 Transmitter Drive Unit (MA 1720J)
NSN 5820-99-531-4109 Auxiliary Unit (MA 1045)

PHYSICAL DATA

A Transmitter Drive Outfit TDA(2) comprises two drawers:-

- (a) NSN 5280-99-531-4108 Transmitter Drive Unit MA 1720J Drawer A
- (b) NSN 5280-99-531-4109 Auxiliary Unit MA 1045 Drawer B/C

Three outfits can be house in one standard Cabinet 5820-AP 164486.



TRANSMITTER DRIVE OUTFIT TDA(2)

	Height	Width	Depth	Weight
Cabinet 5820-AP 164486	166 cm (65.4 in.)	62 cm (24.5 in.)	72 cm (25.2 in.)	231 Kg (510 lb)
Cover, Cabinet 5820-AP 164186	48 cm 18.9 in.)	60 cm (23.6 in.)	12.5 cm (4.9 in.)	6.5 Kg (14 lb)
Drawer A Transmitter Drive Unit	17.8 cm (7 in.)	55 cm (21.7 in.)	51 cm (20 in.)	19.5 Kg (42.9 lb)
Drawer B/C Auxiliary Unit	26.6 cm (10.5 in.)	55 cm (21.7 in.)	52 cm (20.5 in.)	16.3 Kg (36 lb)

POWER REQUIREMENTS

Transmitter Drive Unit MA 1720J 100 to 125 V ac
200 to 250 V ac
45 to 60 Hz
Consumption 70 V A approximately

Auxiliary Unit MA 1045 115 or 230/240 V ac mains
Cabinet Requirements 115 or 230 V dc or ac anti-condensation
heater supplies

HANDBOOK

BR 4269(1)
(2)

ESTABLISHMENT LIST

S 1481

INSTALLATION SPECIFICATION

B 919