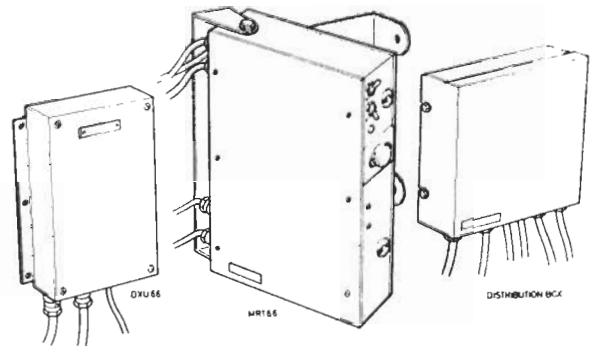
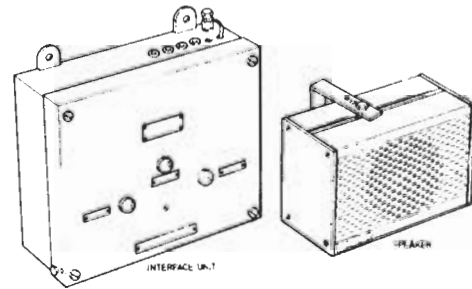
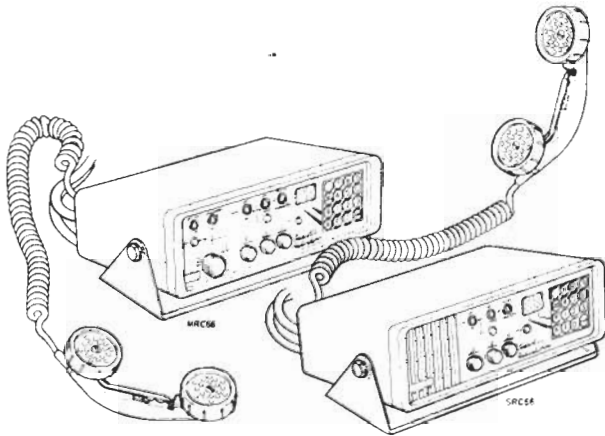


PURPOSE

Transmitter/Receiver Type 1202(1) provides a ship/ship, ship/shore VHF communications link and is intended as a replacement for the Type 689. Type 1202(2) is a low magnetic signature version of the equipment and is fitted in MCMVs. Its performance is identical to the Type 1202(1).



BRIEF DESCRIPTION

The equipment comprises a Master Control Unit (MRC66) with one or two additional Standard Control Units (SRC66) and a separate Transmitter/Receiver Unit (MRT66). Where use with Control Outfits KH, KMM, KMP and KMU from remote positions is required, remote control of microphone and receive facilities (not channel control) is obtained via the Interface Unit Assembly 5820-99-531-3745. The Transmitter/Receiver Unit is contained in a rugged waterproof case of diecast aluminium. The control units are of similar construction with recessed front panels to protect the controls.

MAJOR UNITS

NSN	REDIFON No.	Description
5820-99-533-2912	MRT66	Transmitter/Receiver Radio
5820-99-533-2913	MRC66	Master Control Unit
5820-99-533-2914	SRC66	Standard Control Unit
5820-99-533-2915	1128A	Interconnecting Box
5820-99-533-2916	DXU66	Duplexer Unit
5820-99-533-2919	11215A	Matching Unit
5965-99-533-3747	P29851	Loudspeaker — Permanent Magnet)
5965-99-539-2754	11207A	Loudspeaker) One only
5820-99-531-3745	—	Interface Unit Assembly (when required — part of Outfit KMM, KMP, KMU or KHA—G)

PHYSICAL DATA

Unit	Width	Height	Depth	Weight
Transmitter/Receiver Radio	337 mm	483 mm	127 mm	16.3 kg
Master Control Unit	470 mm	165 mm	178 mm	8.3 kg
Standard Control Unit	470 mm	165 mm	178 mm	8.3 kg
Duplexer Unit	203 mm	356 mm	64 mm	4 kg
Interconnecting Box	318 mm	280 mm	66 mm	2 kg
Loudspeaker	222 mm	213 mm	162 mm	2.2 kg
Interface Unit Assembly	308 mm	275 mm	135 mm	—

FREQUENCY RANGE

Receiver	156.300 MHz—158.500 MHz	Simplex
	160.625 MHz—163.000 MHz	Duplex
Transmitter	156.025 MHz—158.500 MHz	

ELECTRICAL CHARACTERISTICS

Type of Emission	F3
RF Power Output	High 20—25 W
	Low Less than 1 W
No. of Channels	Maximum of 66
Channel Spacing	25 kHz
Frequency Stability	± 10 in 10^6
Duty Cycle	Continuous

CONTROL FACILITIES

Master control unit with up to two remote positions with facilities for selection of required channels, Tx/Rx operation, Hi/Lo power operation. Dual watch operation is also available on any two selected channels.

POWER SUPPLIES

110—120 V or 220—240 V, 40—60 Hz

AERIAL OUTFIT

Outfit AJL

HANDBOOK

BR 8606

ESTABLISHMENT LIST

S1866

INSTALLATION SPECIFICATION

B1097