

SUMMARY OF DATA

PURPOSE

Receiver Outfits CUJ and CUL are multi-channel communication receivers designed to operate in conjunction with Type 692/693 series of transmitters.

Receiver Outfit CUJ is the shipborne version and Receiver Outfit CUL the shore based version of the equipment.

TYPE OF RECEPTION

CW and A.M. Voice.

FREQUENCY RANGE

225.0 MHz to 399.9 MHz, in steps of 100 kHz.
Intermediate frequencies 24 MHz and 1.975 MHz.

ELECTRICAL CHARACTERISTICS

Receiver Sensitivity - $1\mu\text{V}$ input modulation 30%
at 1000 Hz
Noise Factor less than 12 dB

Power Output - $5\mu\text{V}$ input modulation 100%
at 1000 Hz
Monitor output - 2 watts
Line output - 125 milliwatts

BRIEF DESCRIPTION

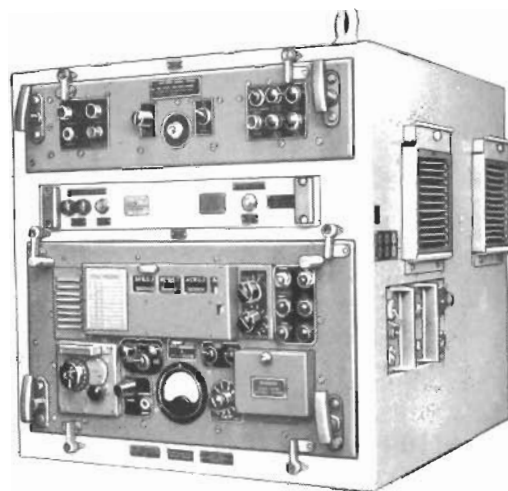
The receivers are of the double heterodyne type with two grounded grid r.f. amp stages, employing UHF triodes preceding the first mixer. Two separate a.f. outputs are available, up to 2 watts of audio power for loudspeaker operation and 125 milliwatts, against variation in load resistance, can be taken from the time output. Twelve chosen frequencies can be set up on the receiver and selected by a 12 position switch on the front panel, 10 of these can also be selected by a remote channel selection system.

Ventilation of the Receiver Outfit CUJ is by means of two axial flow blowers fitted in the cabinet.

Receiver Outfit CUL is ventilated by forced air cooling provided by a fan fitted in the back of the receiver cabinet.

PHYSICAL DATA

	Height	Width	Depth	Weight
Receiver Unit Type 9095	13½ in.	23½ in.	24 in.	110 lb
CUJ { Control Drawer Design 3 Cabinet Design 120				weight 35 lb
CUL { Cabinet, A.M. Type R7109 (containing Receiver Unit 9095) Mounting Plinth A.M. Type 7877				



RECEIVER OUTFIT CUJ



RECEIVER OUTFIT CUL

POWER SUPPLIES

230 V/115 V 50 Hz single phase 250 watts.

AERIAL SYSTEM

AJE(1) or Common Aerial working.

HANDBOOK

BR 1492B.

ESTABLISHMENT LISTS

CUJ - E1157

CUL - E1217

INSTALLATION SPECIFICATIONS

CUJ 8877 (Type 692)
8865 (Type 693)

CUL 8874