CABINET RECEIVER AND MONITOR
OUTFRITS CEQ(1)(2)
(HIGH ACCURACY RECEIVER)
FOR RADAR TYPES 992P/Q, 965P, 276M
CEQ

SUMMARY OF DATA

PURPOSE
A high accuracy radar receiver with high operational availability, suitable for use with radars of differing i.f., and providing ancillary facilities for noise factor measurements.

L.F.
15.5 MHz
30 MHz

POWER SUPPLY
480 V, Single Phase, 50 Hz

MAJOR UNITS
AP 172654 Cabinet Receiver and Monitor, containing:
AP 172627 Drawer, Receiver and Monitor
AP 172638 Drawer, Power Supply, Receiver

DESCRIPTION
The equipment is housed in one cabinet containing two
swapping drawers, provided with interlocking switches for the
safety of personnel. In the upper drawer, two identical logarithmic amplifiers are provided, one in use and the other at STAND-BY. Fault finding and repair can proceed during system operation, so giving maximum operational availability. The valve stages amplify at low signal inputs, but detect at high signal inputs, the
output being fed into a relay line which ensures that the outputs are in phase at the end of the line, irrespective of the degree of amplification. The two video outputs are provided via cathode follower stages. A Test Oscillator and metering components are provided in the drawer, so that a logarithmic amplifier can be
checked rapidly. The logarithmic amplifiers, linear amplifier and test oscillator are available for either 15.5 MHz or 30 MHz, the correct units must be fitted to suit each installation. Conventional linear i.f.
amplifiers are also provided for the measurement of noise factor in conjunction with a Test Oscillator and a
variable attenuator. In the Power Supply Drawer, two separate power supplies provide +200 V, -150 V and -130 V
from 480 V Single Phase 50 Hz.

HANDBOOK
90 2622

INSTALLATION SPECIFICATION
8800 for 992P 9647 for 965P 8900 for 276M

ESTABLISHMENT LISTS
£1200 for CEQ(1)(2) £1238 for 992P £1295 for 965P £1280 for 276M

RESTRICTED
6.77/78