

**AERIAL EXCHANGE OUTFITS EY SERIES  
(ICS(2))****EY (2), (4) and (5)****SUMMARY OF DATA****PURPOSE**

The exchanges provide limited system flexibility whilst acting as a manual and relay controlled interface between transmitter and aerial groups.

**BRIEF DESCRIPTION**

Similar in shape, construction and function, the three exchanges differ in the number and types of relay units, coaxial switches and application to the various aerial systems utilized. Exchanges EY (2) (4) and (5) comprise a cabinet containing 7 flexible conduits terminated with multiple transmitter plugs hanging conveniently for manual connection to fixed aerial sockets mounted on the cabinet desk assembly, 11 sockets on Exchanges EY (2) and (4), 10 sockets on EY (5). In addition to the manual connections a number of 'Direct' or 'Tied' connections are made via the exchange wiring:-

**EXCHANGE EY (2).**

This has no 'Tied' transmitter to aerial connections.

**EXCHANGE EY (4)**

This can accommodate 6 extra transmitter inputs 'Tied' to Common Aerial Outfit EAW and 1 transmitter input 'Tied' to an HF Basetuner. The exchange can be connected to 3 Broadband aerials (Outfit EAW), 2 HF Basetuners (including the 'Tied' connection) and 1 MF Basetuner.

**EXCHANGE EY (5)**

This can accommodate 5 extra transmitter inputs 'Tied' to Common Aerial Outfit EAW and 1 transmitter input 'Tied' to an HF Basetuner. The exchange can be connected to 2 Broadband aerials (Outfit EAW), 3 HF Basetuners (including the 'Tied' connection) and 1 MF Basetuner.

Six safe-to-transmit switches mounted on the front of each exchange cabinet ensure that RF power to the aerial systems utilized can be inhibited for maintenance purposes.

**INSTALLATION SPECIFICATIONS**

B1076, B1078, B1079

**ESTABLISHMENT LIST**

E1304

**HANDBOOK**

BR 4170

