

WARTIME MODELS

S.358 series

A 'private venture' receiver designed in 1940. Built throughout the war and supplied only to priority customers. Quantity of all types produced = c.5,000. 358/358X common, others rare.

S.358: General coverage communication receiver. 7 valves, RF/FC/2-IF/DET/ BFO/OP. IF 450kcs; external PSU. Ten plug-in coil-packs, 40kc/s-31mc/s. Valve-check meter. Module-based construction. **Navy Type B34** (Main user).



S358 Series

S.358/1: As above but with low-consumption output valve (6J5 instead of EL32, for battery operation).

S.358X: As 358 but with dual-gate crystal filter.

S.400: Same appearance as 358 and same line-up, but coverage 130kc/s-2.2Mc/s with four coilpacks. I.F. 110kc/s. Triode output stage.

S.400X: as 440 but with dual gate crystal filter.

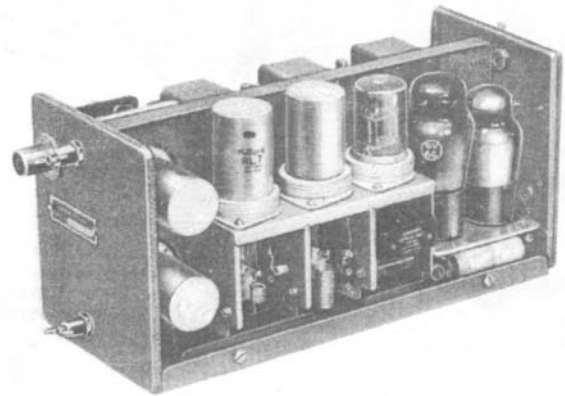
S.400B: 1943. As S440X but with product detector; and tuned audio filter

(1kc/s) on AF stage (6V6G) CW only. 6 valves. **Air Ministry type R1448.**

External psu's were common to all the above and could be 200-250v AC or 6 volt dynamotor or 6v battery and 175v dry battery (for S.358/1). ♠

S.214: VHF fixed station receiver, 1939. Part of wartime police radio-telephone network in London (and others).

Used with the high power S.215 (100W) transmitter, c.70-100mc/s. General specification and shape similar to S.450B (below).



S.450B

S.450B: 1942-45. Single channel V.H.F. A.M. duplex radio-telephone receiver derived from the S.214 (above). Crystal controlled within the range 50-100mc/s. I.F. = 2.9mc/s. Matching receiver for the S.440B transmitter. 10 valves. Separate psu (AC or 12 volt versions). Originally used in Admiralty service (part of Type S.S147). Used as part of British Army Wireless Station No 57 in the army, of which this set was the **R408**. About 2,000 are believed to have been produced. ♠

As with most Eddystone sets, never be surprised to find a 'one off' variant of any model. The Stratton assembly line was very 'hand-built' and special

require-ments were easy to incorporate.

No other wartime receivers are known. The 7 watt transmitter which formed part of the WS 57 station (the S.440B) was a favourite target for conversion to Two Metres in the 1950's and few will have survived in the original state. The S.450B receiver was useless to the amateur and was stripped for parts. ♠
