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DATA SUMMARY

The Mk. 123 was a self-contained miniature HF transmitter-receiver developed and built by the GCHQ Special Communications Unit around 1956. It was used by Diplomatic service, special forces and for clandestine operations.

References:

- Photographs and information courtesy Reinhard
- Glowgowski, Germany.
- Wireless for the Warrior, Volume 4, Clandestine Radio, Louis Meulstee, Wimborne 2004, ISBN 0952063 36 0.
- Louis Meulstee, Wimborne 2004, ISBN 0952063 36

Mk. 123 Accessories Country of origin: England

This Supplement is a follow up of the 'Mk. 123' section in the '*Great Britain*' chapter of WftW Volume 4.

Remarks

The Mk. 123 transmitter-receiver had a built-in AC mains power unit for connecting the set to almost any AC mains grid voltage.

For operation on 12V, an external Mk. 123V inverter unit connected to the set via a multi core cable to the power input plug located at the top. The existence of a 6V inverter unit type Mk. 621V was revealed by Reinhard Glowgowski from Germany, who has this unit in his collection, along with a rare Mk. 123 encoder unit.

Both inverter units, providing power to a Mk. 123 radio from a DC source, were transistorised, using a pair of 2N147 germanium transistors. The basic design of the electrical circuits of both units was believed to be similar.







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Tape cassette as used with the Mk. 123. This type differed slightly from the cassette in the picture above.

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Internal view of the Mk. 123 encoder unit.



A Netting Adapter Unit could be issued if simplex operation on a single frequency was required, and the receiver had to be accurately tuned into a net, known as 'netting'. The Netting Adapter Unit described in Technical Publication No. 234 (above) was a small unit with a push button, connected between the Mk. 123 power input plug and the set power input connector.

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