

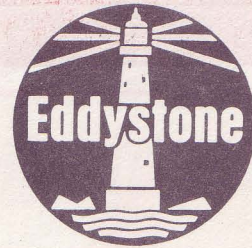
## Eddystone Radio Limited

Member of Marconi Communication Systems Limited

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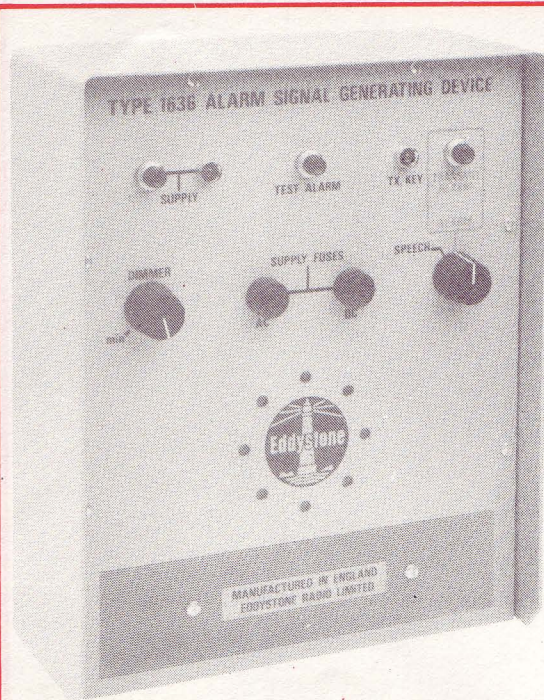
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## 2182 kHz Watchkeeping Receiver Alarm Signal Generating Device

Model 1635  
Model 1636



TYPE 1636

### ALARM SIGNAL GENERATING DEVICE.

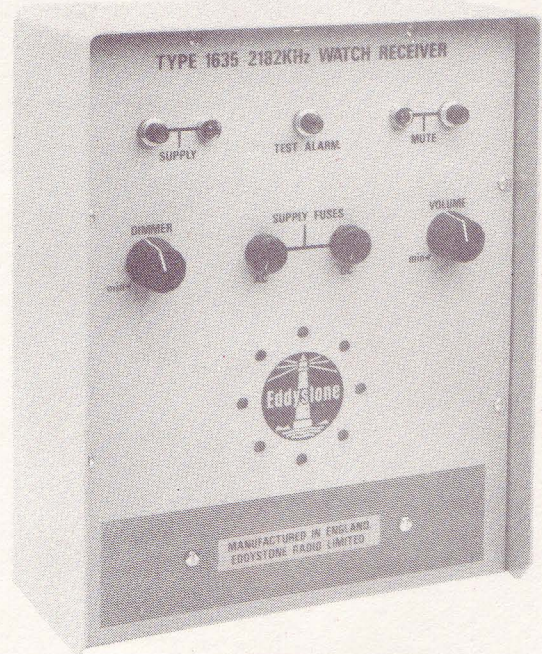
The EDDYSTONE Type 1636 A.S.G.D. has been designed to meet the new forthcoming Regulations for an Alarm Signal Generating Device and complements the new Watchkeeping Receiver Regulations which were introduced in May 1980.

The new Regulations for an A.S.G.D. demand more exacting Specifications than the old A.S.G.D.

The equipment generates the International Two Tone Distress Alarm Signal and its output level can be set to drive almost any ship's main transmitter.

The microphone input circuit will be found suitable for the majority of microphones including carbon types.

An Alarm Test facility is included.



TYPE 1635

### 2182 KHz WATCHKEEPING RECEIVER.

The EDDYSTONE Type 1635 Watchkeeping Receiver has been designed to meet SOLAS 4 and IMCO Recommendations.

It has successfully passed all technical tests conducted by the British Government in accordance with MPT 1223 and 1204.

Only one switch is used to control the Mute/Demute conditions thereby dispensing with other switches used in competitive equipments.

The use of digital integrated circuitry provides the logic to interrogate all received signals and to automatically operate the Mute when an Alarm Signal is received.

Special attention has been paid in the design to prevent false operation of the Receiver.

### FEATURES COMMON TO BOTH EQUIPMENTS.

Strongly constructed steel case which is fully sealed, weatherproof and finished in stove baked silver hammer paint.

Bulkhead (vertical) mounting.

Meet full specifications from  $-15^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ . Storage temperature  $+40^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ .

Power Supplies. A.C. Mains 105 - 125 Volts 45 - 60 Hz.

210 - 250 Volts

Battery. 12 - 32 Volts D.C.

Floating Earth compatible with ships 24 Volt Battery supplies.

Fully protected against reversed connection of the D.C. Battery supply.

Fully protected against short circuit and thermal overload of the Audio Output.

Fully operational immediately after switching on.

Safe compass distance  $\frac{1}{2}^{\circ}$  at 1 metre.

Size 260mm x 210mm x 95mm.

Weight 3.4 Kilos.