

Datasheet

OBC/LRT Deck Unit



Description

Part of Sonardyne's Coastal Acoustic Product Range, the Type 7967 OBC/LRT Deck Unit is used to command and programme Sonardyne's range of TZ/OBC transponders and Lightweight Release Transponders (LRTs). It comprises of a deck unit and dunking transducer supplied with 10 metres of cable.

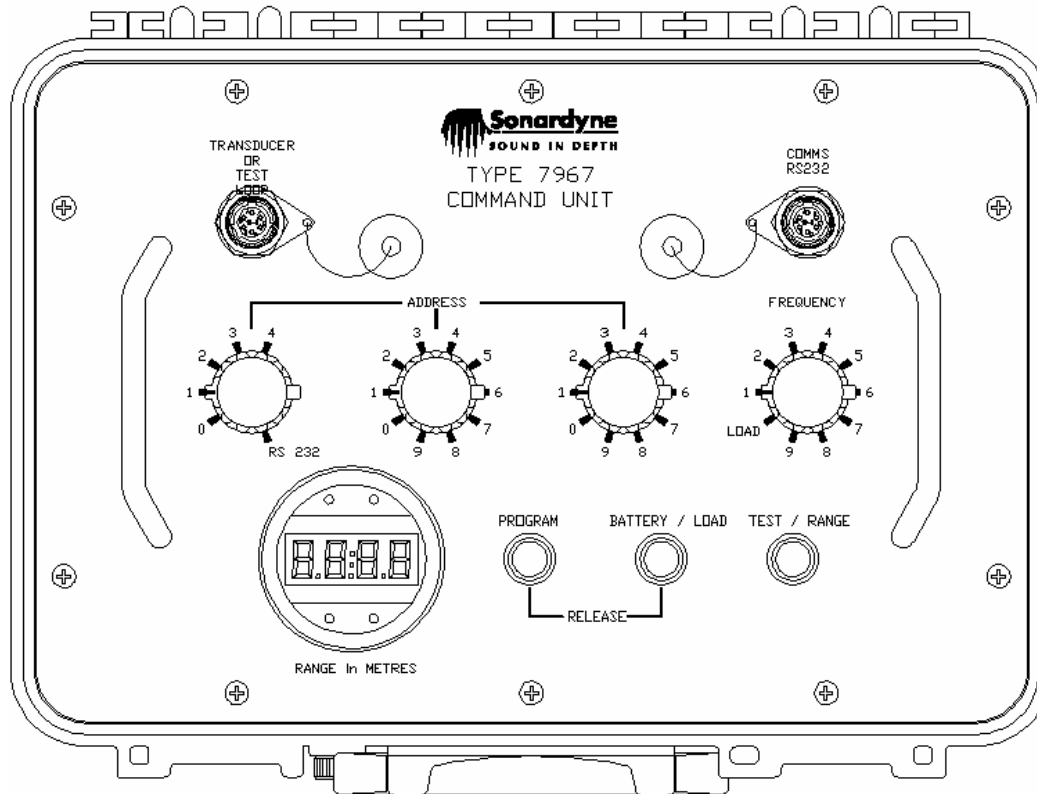
The deck unit is used initially to program the acoustic identity of the transponder, test the transponder and, in the case of the LRT, load the release 'bit' prior to deployment. Once deployed, it can be used to measure ranges to the transponder and prior to sending a secure release command, relocate the transponder. The deck unit can also be controlled via RS232 enabling raw range data to be logged to a PC for processing.

Key features

- Supplied in rugged, portable case
- For use with Type 7815 TZ/OBC Transponders and Type 7986 Lightweight Release Transponders
- Enables transponders to be tested and programmed with thousands of unique identities prior to deployment
- Highly secure coding sequence prior to commanding LRTs to 'release'
- Powered by alkaline battery packs; supplied with 2 spare packs
- Easy to operate

Specifications

OBC/LRT Deck Unit



| Feature | Type 7967 |
|--|--|
| Operating Frequency | HF (35-50kHz) |
| Transmit Source Level (dB re 1µPa @1m) | 185dB |
| Receive Sensitivity (dB re 1µPa) | 110dB |
| Pulse Length | 2ms |
| Timing Resolution | 16 ms |
| Transducer Ports | 1 |
| No. Independent Navigation Channels | 9 |
| Dimensions (LxWxH) | 360mm (14.1") X 270mm (10.6") X 155mm (6.1") |
| Power Supply | Alkaline Battery |
| Weight | 5kg |

Ordering Information

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|------------------|--------------------------|
| Type 7967-000-02 | LRT Surface Control Unit |
| Type 7967-036 | Programming Lead |
| Type 7967-002 | Remote Transducer |
| Type 7967-037 | RS232 Interface Cable |
| Type 7815-044 | Alkaline Battery Pack |