

Datasheet

Lightweight Command Unit



Description

ORTs and DORTs are controlled using a frequency band specific Lightweight Command Unit (LCU) which consists of an over-the-side dunking transducer connected either to a splash-proof handheld terminal or, via supplied software, to any PC. The Type 7663 unit is a Medium Frequency LCU for commanding ORTs whilst the Type 7667 LCU is a Low Frequency unit suitable for use with DORTs

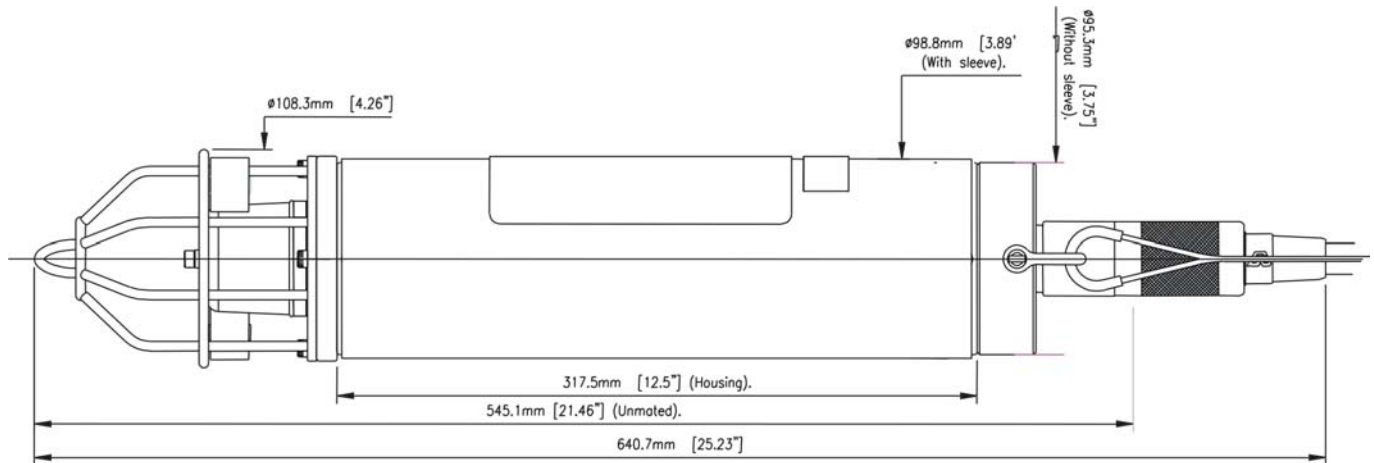
For security of operation, a special coding system provides protection against accidental release by noise or acoustic transmissions from other equipment. Each ORT or DORT has its own unique 'address' enabling a number of units to be deployed in the same area without risk of interference.

Key features

- Commands and controls ORT and DORT transponders
- Choice of MF or LF operating band depending on acoustic release type
- Controlled using splash-proof Psion handheld terminal or PC
- Supplied with dunking transducer and 40 metre cable drum
- Allows users to range to Com Patt transponders and send basic commands

Specifications

Lightweight Command Unit



Feature	Type 7663	Type 7667
Operating Frequency	MF (18–36kHz)	LF (7.5–15kHz)
Transducer Beamshape	Hemispherical	Hemispherical
Transmit Source Level (dB re 1 μPa @1m)	186dB	188dB
Receive Threshold (dB re 1 μPa)	<115dB	<115dB
Battery Life (Ni-Cad, Rechargeable)	4-8 Hours (Continuous Interrogation)	4-8 Hours (Continuous Interrogation)
Battery Shelf Life (Disconnected)	2 Months	2 Months
Transducer Cable Length	40 Metres	40 Metres
Transducer Weight in Air (Excluding Cable)	8kg	8kg
Transducer Weight in Water (Excluding Cable)	3kg	3kg
Shipping Weight	40kg	40kg