
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

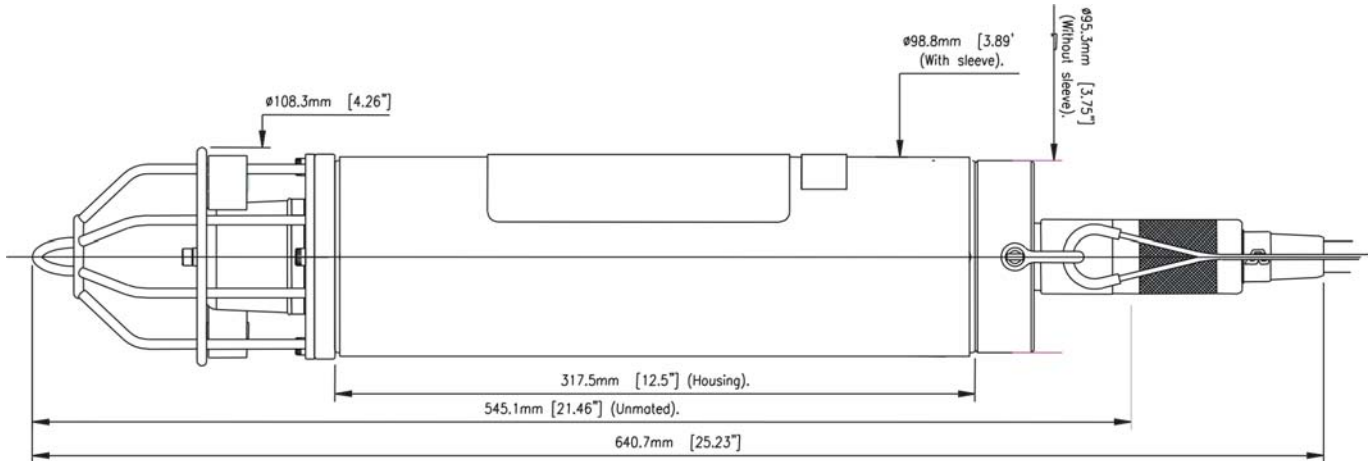
For security of operation, a special coding system provides protection against accidental release by noise or acoustic transmissions from other equipment. Each ORT or DORT has its own unique 'address' enabling a number of units to be deployed in the same area without risk of interference.

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 Compatt transponders and send basic commands
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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