

Datasheet

iRelease Transponder Release



The Type 8315 iRelease is a handheld unit designed to interact with a Lightweight Command Unit (LCU) acoustic transceiver to facilitate the acoustic release of Oceanographic Release Transponders (ORTs).

The rugged design coupled with simple interface and colour display makes the iRelease ideal for back-deck operations.

The iRelease is intended to replace the existing PSION MX Workabout (590-0042) and can be used to interact with the 7667-00-04, 7663-000-04 and 7574-000 LCU transceivers.

An internal rechargeable battery provides over 5 hours of active use with a life of 3 months in the lowest power standby mode.

The iRelease has a USB to recharge the internal battery and a serial connection for communication with the LCU.

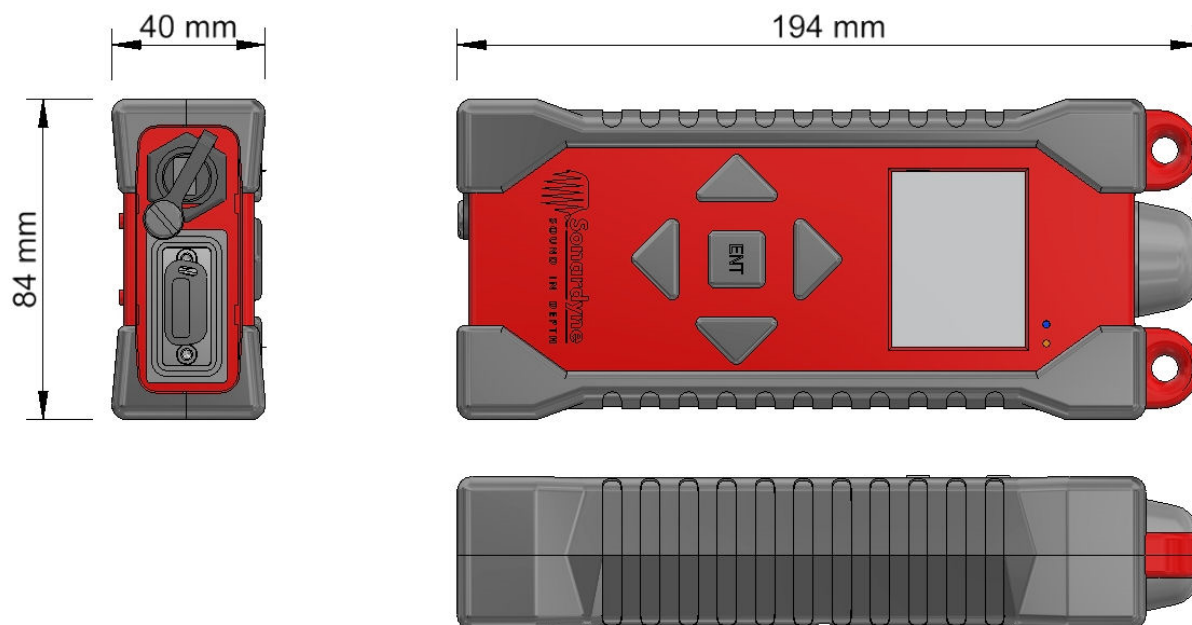
A rugged transmit case is provided and contains a wall mount USB ac charging adapter with a variety of international ac power adapters. A USB cable is also included in the case.

Key Features

- Handheld battery powered portable design
- Splash-proof and rugged
- Sunlight readable display
- Used in conjunction with a LCU to operate ORTs
- Easy-to-use five-button interface

Specifications

iRelease Transponder Release



Feature		Type 8315
Case		Rugged polypropylene copolymer case with styrenic over mould shock protection
Keypad		Sealed 5 key navigation pad
Display		320 x 240 sunlight readable LED display
Connections	USB	Splash-proof mini-USB Type B
	Serial	9-way D-type (male)
Charging		USB to PC or USB to wall adaptor
Internal Flash Memory		1 GB
Battery		Li-ion 3.7 V 1,300 mAh (typical)
Battery Life	Normal (Screen On)	>5 hours (screen automatically turns off after a selectable period)
	Idle (Screen Off)	>12 hours (press a key or 'shake to wake' to turn screen back on)
	Off	>3 months (press a key to wake)
	Off for Shipping	>1 year (requires USB connection to wake-up)
Operating Temperature		-10 to 55°C
Storage Temperature		-10 to 55°C
Dimensions (Length x Width x Depth)		194 x 84 x 40 mm
Weight		0.8 kg