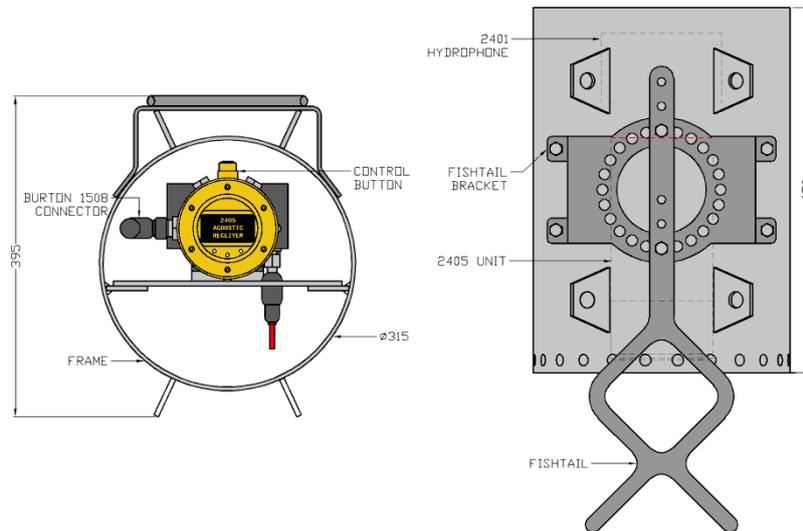


# PINGER RECEIVER SELF-CONTAINED ROV HELD



The 2405 Acoustic Receiver system is a standalone, battery powered, acoustic receiver system, tuneable to all frequencies between 8 kHz and 50 kHz which can be used by an ROV for tracking and locating underwater acoustic transmitters. The system consists of a 2405 unit and 2401 directional hydrophone.

Acoustic signals are displayed as they are received by the 2405 unit on a 2.7" graphical display and three high brightness LEDs positioned below the display. The 2405 system requires no interface other than an ROV camera to observe the received signals on the display. The user can turn the unit ON and OFF as well as modify several settings using a single control button and intuitive menu system on the 2405 unit.

The directional sensitivity of the 2401 hydrophone allows the operator to locate acoustic transmitters by observing the signal level received and the relative orientation of the 2401 hydrophone.

## Key Benefits

- Does not need to be interfaced with an additional piece of equipment other than an ROV camera making it, in relative terms, a straightforward method of receiving.
- Capable of detecting acoustic transmissions over distances of several kilometres
- Local Sensitivity adjustment allowing accurate locating of acoustic pingers via ROV
- Minimal set up required ensuring time is not lost setting up multiple parameters

**SPECIFICATIONS:**

Battery life at 5°C ..... 130 hours  
Battery type ..... 10.5V Alkaline pack BATT-11210  
Operating temperature range.....-2°C to +35°C (+28°F to +95°F)  
Frame material.....ALUMINIUM  
Fishtail material ..... 316 STAINLESS STEEL  
Fishtail bracket material ..... 316 STAINLESS STEEL  
2405 Housing material .....ALLOY BRONZE CA104 EN 12163  
2405 Endcap material .....ALLOY BRONZE CA104 EN 12163  
2405 Bleedscrew material.....ALLOY BRONZE CA104 EN 12163  
2405 Window material ..... ACRYLIC  
2405 Endcap O-rings .....2x BS 50-243 NBR70 with 2x 250-243 PTFE BURs  
2405 Window O-rings ..... 1x BS 50-236 NBR70 / 1x BS 50-237 NBR70  
2405 Bleedscrew O-ring ..... 1x BS 50-008 NBR70  
DGO Connector O-ring ..... 1x BS 50-013 NBR70  
System Weight in air..... 28kg (61.7lbs)



Approved

Date

