



SMRT ALERT

QUICK START GUIDE

AIS

VHF
DSC

M
CLASS-M

GNSS

WHAT IS THE sMRT ALERT?

The sMRT ALERT AIS DSC MOB is an easy-to-use, Class M compliant, man-overboard device that integrates AIS and VHF DSC technologies into one compact and powerful unit. With dual activation and visual indication confirming the acknowledgement of the distress signal, it offers a complete alerting and locating solution.

MOBILE APP COMPATIBILITY

Test, check and maintain all sMRT devices in one mobile application. The sMRT Beacon Management App has been designed to give you peace of mind that your device is ready when you need it most and is compatible with all new sMRT devices.

APP FEATURES

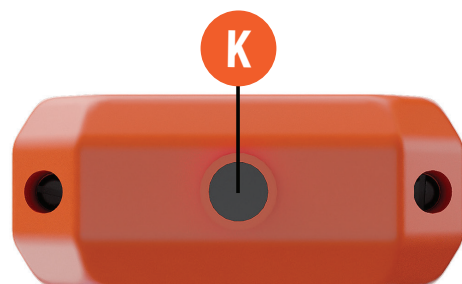
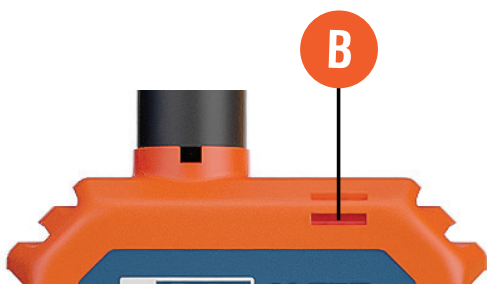
- ✓ Check beacon status
- ✓ View test history
- ✓ Monitor battery level
- ✓ Pair MMSI number

Please see user manual for further details on how to use the sMRT mobile app.



FEATURE LIST

- A** Antenna
- B** Lanyard Attachment Point
- C** Strobe Light
- D** TEST Button
- E** Arming Door
- F** Left LED
- G** Right LED
- H** ON/OFF Button
- I** GNSS Zone (inc GPS & Galileo)
- J** NFC Zone
- K** Water Sensor



CONTENTS

In your sMRT ALERT box you will receive the below accessories. If you believe that anything is missing please contact your retailer as soon as possible.

sMRT ALERT

P/N: MOA-50070

Life Jacket Bladder Attachment Clip

P/N: 713020300

Lanyard

P/N: 713020321

Oral Tube Mounting Clip

P/N: 713020301

PERFORM SELF TEST

To perform a test of the sMRT ALERT, ensure the **ARMING SWITCH** is **[OFF]** and hold the **TEST BUTTON** for more than 3 seconds.

During operation, the **LEFT LED** indicates device test status and the **RIGHT LED** indicates GPS test status.

The LEDs may display the following indications:

STATE	LEFT LED	RIGHT LED
Test start (good battery)	Green Solid ●	Green Solid ●
Test start/waiting for GNSS lock (good battery)	Green slow flash alt ●	Green slow flash alt ●
Test txing (AIS burst)	Purple fast flash alt ●	Purple fast flash alt ●
Test txing (DSC)	Purple fast flash alt ●	Purple fast flash alt ●
Test (waiting for DSC ack)	White slow flash ○	Off
Test (DSC ack rx'd)	Green 3 flashes ●	Green Solid ●
Test time out	Red 5 flashes ●	Red solid ●

Please refer to user manual for full list of LED indications.



IMPORTANT NOTE: During any test, if a **RED LED** is displayed, remove from service and return to an authorised service center.

Ack = acknowledgement

Alt = alternating

Rx'd = received

Txing = transmitting

ACTIVATION METHODS



HOW TO ARM

1. Open the **DOOR COVER**
2. Slide the **ARMING SWITCH** to **[ARMED]**
3. Close the **DOOR COVER**



HOW TO ACTIVATE

1. Ensure the device is **[ARMED]**
2. Press the **ON BUTTON** for 1 second
3. -OR- Immerse in water for 2 seconds



HOW TO DE-ACTIVATE

1. Hold the **ON BUTTON** for 3 seconds
2. -OR- Slide the arming switch to **[OFF]**

LED PATTERN



STATE	LEFT LED	RIGHT LED
Arming (good battery)	Green 3 flashes ●	Green 3 flashes ●
Return to idle	Red 1 flash ●	Red 1 flash ●
Alerting (no GNSS)	Purple slow flash ●	Off
Alerting (GNSS lock)	White slow flash ○	Off
Alerting (DSC rx'd)	Green slow flash ●	Green Solid ●
Alert cancelling	Red 1 flash ●	Red 1 flash ●

TECHNICAL DETAILS

ACTIVATION

Water activation (After 2 seconds of immersion)
Manual activation

WATERPROOF

Up to 10 metres (does not float)

SIZE

207mm (H) (including antenna) x 59mm (W) x 23mm (D)

WEIGHT

180g

TEMPERATURE RANGE

Storage: -30° to +70°C (-22° to +158°F)
Operating: -20°C to +55°C (-4°F to +131°F)

BATTERY

5 year service life
9V Lithium battery



BATTERY SHIPPING INFORMATION: UN3901 Lithium metal batteries contained in equipment in compliance with IATA PI: 970 Section II.

WARRANTY REGISTRATION

This product has an initial warranty for 1 year from date of purchase and an additional 4 years when assigned an extended warranty.

Sign in or create a sMRT account to register an extended warranty for your product at **warranty.smrtsos.com**. You will be required to list the serial number from the product(s) purchased.

Failure to complete registration could delay any warranty claim.

Please check the user manual for full warranty information.

IMPORTANT WARNINGS

WARNINGS

- The sMRT ALERT is a local area Personal Locating Device (PLD), that transmits emergency messages via VHF DSC and AIS.
- Before first use perform a full system test to confirm that the device functions correctly as per manual.
- After deployment into active service, a full system test of the sMRT ALERT should be performed every month.
- The sMRT ALERT should ONLY be used in an emergency.
DELIBERATE MISUSE MAY INCUR A PENALTY.
- Annual inspection and recertification of the sMRT ALERT by an authorised MRT service agent is recommended every 12 months to ensure optimum performance.
- Do not try to dismantle the sMRT ALERT as it contains no user serviceable parts.

Please check the user manual for full warranty information.

Marine Rescue Technologies Ltd. and authorised service agents offer a full and comprehensive service and repair facility for recertification of units and battery replacement. Please visit smrtsos.com to find your nearest service agent.



Marine Rescue Technologies Ltd

Wescom Group, Unit J1, Anlaby Trade Park,
Springfield Way, Anlaby, Hull, HU10 6RJ, UK

+44 (0) 1482 679 300 | www.smrtsos.com



VIEW FULL USER MANUAL

Scan the QR code to view the
product user manual online

