T

GNSS ZONE
DO NOT COVER

SMRT V300

1　2　3 ⏻ ON/OFF

ACTIVATE:
HOLD 1 SECOND

DEACTIVATE:
HOLD 3 SECONDS

SMRT V300

QUICK START GUIDE

AIS   VHF DSC   121.5 MHz   M CLASS-M   GNSS

WHAT IS THE sMRT V300?

The sMRT V300 is a commercial-grade Maritime Safety Locator Device (MSLD) featuring AIS, VHF DSC, and the 121.5 MHz emergency frequency for improved localised alerting, tracking, and recovery. With both manual and automatic water-activated activation, on immersion for 2 seconds, it enhances the speed and efficiency of MOB recovery.

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.
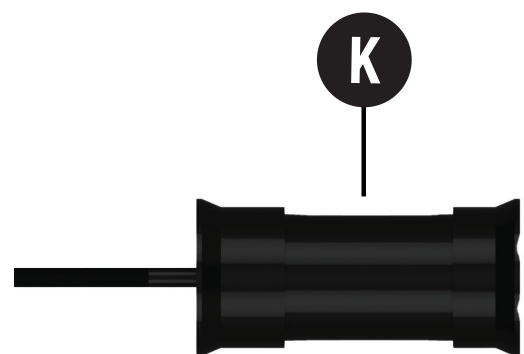
APP FEATURES

✓ 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

GNSS ZONE
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CONTENTS

In your sMRT V300 box you will receive the below accessories. If you believe that anything is missing please contact your retailer as soon as possible.

sMRT V300

P/N: MOA-50075

Lanyard

P/N: 713020321

Life Jacket Bladder Attachment Clip

P/N: 713020300

Oral Tube Mounting Clip

P/N: 713020301

PERFORM SELF TEST

To perform a test of the sMRT V300, 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 **LED**s 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, please try again. If the issue persists, 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

190g

TEMPERATURE RANGE

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

BATTERY

1 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 a warranty period of 1 year from the date of purchase.

Sign in or create a sMRT account to register your 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 V300 is a local area Maritime Survivor Locating Device (MSLD), that transmits emergency messages via VHF DSC, 121.5 MHz and the wearer's GNSS position via 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 V300 should be performed every month.

- The sMRT V300 should ONLY be used in an emergency. **DELIBERATE MISUSE MAY INCUR A PENALTY.**

- Annual inspection and recertification of the sMRT V300 by an authorised service partner is mandatory every 12 months. Please see the full list of service partners on smrtsos.com.

- Do not dismantle the sMRT V300 as it contains no user serviceable parts. Authorised service partners offer a full and comprehensive service and repair facility for recertification of units and battery replacement. Please see the full list of service partners on smrtsos.com.

Please check the user manual for full safety 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.

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VIEW FULL USER MANUAL
Scan the QR code to view the
product user manual online