



MOBILARM®

ALWAYS ON WATCH

ADDENDUM USING YOUR MOBILARM V100

Important user information relating to the
Mobilarm V100 Switch Lock and
**V100 Integration with Lifejackets
or Personal Flotation Devices (PFD)**

This addendum should be read in conjunction with the following document:

Name: **Mobilarm V100 User Manual**

Ref: **DOC-00200.0609.3 or DOC-00200.0609.5**

Section: **Using the Mobilarm V100**

790000018.1

Using the Mobilarm V100

Integrating the Mobilarm V100 with a Lifejacket or Personal Flotation Device

The Mobilarm V100 may be integrated with various models of lifejacket or Personal Flotation Device (PFD). This assists in streamlining safety procedures, reduces snagging hazards and ensures the user is equipped with all the necessary kit in one unit to keep him or her afloat while providing detection, tracking and location capability in a man overboard event.



The Mobilarm V100 can be retro-fitted to existing lifejackets or fully integrated with new lifejackets. The V100 Remote Water Sensing Extension Kit and Long Wire Antenna (model dependent) are required in order to integrate your Mobilarm V100 with a lifejacket.

Contact your Mobilarm agent or go to www.mobilarm.com to find out more.

④ Mobilarm V100 Switch Lock

Your Mobilarm V100 is supplied with a Switch Lock. This enables you to arm the Mobilarm V100 and lock the Arming Switch in the correct position for automatic water activation.

The Switch Lock will also prevent any outside forces from inadvertently moving the switch to the [OFF] or [ON] position when in use.



Use the Switch Lock when your Mobilarm V100 is integrated with a lifejacket or PFD, carried in a lifejacket pocket, or whenever there is a risk that the Arming Switch may be dislodged from the [READY] position.

The device will continue to operate as normal with the Switch Lock in place, i.e. it will automatically activate if submerged in water for 5 seconds and commence full emergency transmissions after the initial warning period has passed.

◆ Important

- If you want to manually activate the Mobilarm V100 or deactivate the device when the Switch Lock is in use, the Switch Lock must be removed in order to access the Arming Switch.

Attaching the Switch Lock to the Mobilarm V100

- 1 Slide the Arming Switch down from [OFF] to [READY].
- 2 Place the Switch Lock over the Arming Switch and press down firmly. Apply equal pressure at the top and bottom of the Switch Lock until it snaps into place.



Removing the Switch Lock from the Mobilarm V100

- 1 Pull the top of the Switch Lock away from the device.
 - The clips holding it in place will disengage and release the Switch Lock.



Arming the Mobilarm V100 for Water Activation

- 1 Slide the Arming Switch down from **[OFF]** to **[READY]**.
- 2 Place the Switch Lock over the Arming Switch and press down firmly. Apply equal pressure at the top and bottom of the Switch Lock until it snaps into place.



The Mobilarm V100 is now ready for use and will automatically activate if submerged in water for 5 seconds.

When the device is water activated:

- The Strobe flashes, the Status LED illuminates and audio alerts (beeps and automated messages) warn the user that the device is active.

There is a short warning period before the first emergency transmission to allow the user to deactivate the device if it has been inadvertently activated.

If the device is not deactivated in this time, the Mobilarm V100 commences full emergency transmissions:

- The Strobe and Status LED flash.
- Audio alerts (beeps and automated messages) notify the user that the device is transmitting.

- 3 When the device is active, release the Flexible Antenna to maximise the alerting range.
 - 1) Slide out the Flexible Antenna from the Antenna Slot and extend it fully so that it is vertical.

→ **False Alarms (See User Manual page 25)**

Manually Activating the Mobilarm V100

- 1 Remove the Switch Lock from the Arming Switch if fitted.
 - 1) Pull the top of the Switch Lock away from the device. The clips holding it in place will disengage and release the Switch Lock.
- 2 Press and slide the Arming Switch down to **[ON]**. This can be performed when the Arming Switch is in the **[OFF]** or **[READY]** position.



V100 On

- The Strobe flashes, the Status LED illuminates and an automated message warns the user that the device is active.

There is a short warning period before the first emergency transmission to allow the user to deactivate the device if it has been inadvertently activated.

If the device is not deactivated in this time, the Mobilarm V100 commences full emergency transmissions:

- The Strobe and Status LED flash and audio alerts (beeps and automated messages) notify the user that the device is transmitting.

- 3 When the device is active, release the Flexible Antenna to maximise the alerting range.
 - 1) Slide out the Flexible Antenna from the Antenna Slot and extend it fully so that it is vertical.

◆ **Important**

- Once activated, do not cover or obscure the lens so that the GPS Antenna can acquire and lock its position.

Deactivating the Mobilarm V100

- 1 Remove the Switch Lock from the Arming Switch if fitted.

- 1) Pull the top of the Switch Lock away from the device. The clips holding it in place will disengage and release the Switch Lock.



- 2 Press and slide the Arming Switch to **[OFF]**.

This will turn off the device and cancel any automatic repeats of the distress alert.

◆ Important

- If the Mobilarm V100 was inadvertently activated and transmitted a distress alert, deactivate the device and then broadcast an “all stations” voice message using VHF radio to cancel the distress alert.

→ Cancelling the Distress Alert after Inadvertent Activation (See User Manual page 25)

Cancelling the Distress Alert after Recovery

Once the man overboard casualty has been recovered, deactivate the device and cancel the alert.

- 1 Immediately turn off the Mobilarm V100.
 - 1) Remove the Switch Lock from the Arming Switch if fitted.
 - 2) Press and slide the Arming Switch up to **[OFF]**.

This will cancel any automatic repeats of the distress alert.

- 2 Using a VHF radio, broadcast an “all stations” voice message to cancel the alert.



Broadcast this message on the emergency VHF marine channel in your region (channel 16 in most regions).

▶ Example of message to cancel the distress alert

ALL SHIPS ALL SHIPS ALL SHIPS
THIS IS {vessel call sign repeated 3 times}
CANCEL DISTRESS ALERT FROM {MMSI number}
SURVIVOR RECOVERED

- 3 Contact the regional search and rescue authority to advise that the casualty has been recovered.

□ Note

- If you do not have access to a VHF marine radio, contact your search and rescue authority by telephone.

Canceling the Distress Alert after Inadvertent Activation

If the Mobilarm V100 was inadvertently activated and transmitted a distress alert, cancel the distress alert and notify the regional search and rescue authority as soon as possible that the alert was a false alarm.

1 Immediately turn off the Mobilarm V100

- 1) Remove the Switch Lock from the Arming Switch if fitted.
- 2) Press and slide the Arming Switch up to **[OFF]**.

This will cancel any automatic repeats of the distress alert.



2 Using a VHF radio, broadcast an “all stations” voice message to cancel the distress alert.

Broadcast this message on the emergency VHF marine channel in your region (channel 16 in most regions).

► Example of message to cancel false alarm

ALL SHIPS ALL SHIPS ALL SHIPS
THIS IS {vessel call sign repeated 3 times}
CANCEL DISTRESS ALERT FROM {MMSI number}

3 Contact your regional search and rescue authority to advise that you have cancelled the alert.

□ Note

- If you do not have access to a VHF marine radio, contact your search and rescue authority by telephone.
- There are no penalties for transmitting an accidental alert. You will not be prosecuted and search and rescue authorities will appreciate you contacting them to cancel it.