



easy **ONE-M**
DSC_{CL}



If you can't see them
you can't rescue them



**AIS + DSC MOB alert for more safety in
watersports for haveing 100 % fun**

The new easyONE-DSC_{CL}-M from Weatherdock is an AIS MOB transponder for more safety and 100% fun at watersports.

The new easyONE-DSC_{CL}-M is a palm sized AIS MOB (Man over Board) emergency transmitter with pure manual activation.

Due to its small size the unit can be used within all kinds of watersport fun activities where automatic life jackets and unit activation when submerged does not make any sense. Never the less an emergency transmitter is very usefull to have.

Function

☑ Mounting

The easyONE-DSC_{CL}-M is fixed to the body with a safety-cord which ensures that the unit will stay floating in front of the victim. A strong and bright LED guides to better visibility in darkness.

☑ In event of emergency

☑ Manual activation

In case of emergency the unit is activated by a button to press. This will trigger an emergency broadcast transmission.

☑ Broadcasting DSC distress call

With the MOB easyONE-DSC_{CL}-M it is possible to alert up to 8 different vessels within a closed loop call. MMSI of these vessels can be programmed into the easyONE-DSC_{CL}-M easily via Bluetooth® and the free of charge Weatherdock-App. Within seconds after the automatic activation the first DSC distress call will be send out to all pre-programmed MMSI numbers containing the unit-ID of the MOB. This first alert will sensitize all the "closed loop vessels" about the event of emergency. After there is a position-fix with the satellite a second DSC distress call is send out to all pre-programmed MMSI numbers containing the unit-ID of the easyONE-DSC_{CL}-M as well as current GPS position of the MOB.

☑ Broadcasting AIS safety message

Parallel to the DSC distress call an AIS safety related message will be send out after the MOB has got the position fix from the satellite. In case that the fix is ready, an AIS emergency message is send out to all AIS systems in the vicinity up to 7 nautical miles and more. The message contains the unit-ID of the device as well as live GPS position and speed and curse over ground of the victim drifting in the current. The GPS position will be updated every minute and send out with the next transmission.

Highlights

- ☑ AIS MOB emergency transmitter with easy manual activation (on button touch)
- ☑ Small and handy size
- ☑ Transmission range up to 7 nautical miles and more
- ☑ More than 1 W radiated transmission power for AIS mode
- ☑ AIS broadcasting with updated GPS position, COG and SOG every minute
- ☑ 0.5 watt radiated transmission power for DSC distress call
- ☑ DSC distress call to up to 8 different vessels in closed loop call
- ☑ +24 hours battery lifetime in dual mode (AIS & DSC broadcasting)
- ☑ High visible bright red LED Flare
- ☑ Full self-floatable
- ☑ No annual fee
- ☑ No license needed
- ☑ According all existing standards
- ☑ Patented antenna release mechanism

Technical Data

- ☑ Approvals:
 - CE
 - IC (Industry Canada)
 - FCC (USA)
- ☑ Dimensions (LxWxH): 168 x 48 x 27 mm
- ☑ Weight: 120 g
- ☑ Battery: 6V, 2 Lithium industrial package units, CR2
- ☑ Frequency:
 - AIS: 161,975 and 162,025 MHz
 - DSC: 156,525 MHz
- ☑ Controls: 2 Buttons ("TEST" and "ON")
- ☑ Display:
 - 2 LED's ("GPS status" and "FLASH")
 - Red LED Flare
- ☑ Operating temperature: -20°C to +55°C
- ☑ Storage temperature: -40°C to +70°C
- ☑ Part #A10902



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EXCELLENCE IN RADIO TECHNOLOGIES
Safety • Navigation • Tracking

