Alarm Button YDAB-01

The Alarm Button is a multifunctional NMEA 2000 device with wires for connection of an external button with an LED indicator and a standard 4 or 8 Ohm sound speaker. It contains a 10W audio amplifier inside and a bank with 28 sound signals (car anti-theft alarm, ship horns, whistles, tone signals, etc.).

The device can be configured for one of the following functions:

► **MOB button (default mode).** Pressing the connected button for two seconds sounds an alarm and sends AIS MOB messages (emulating the message received from EPIRB and SART devices with AIS VHF support) with the current GPS position. It sets the mark of MOB position on a chart plotter. Pressing the button a second time cancels transmission of MOB messages. Note that messages sent from the Device are not transmitted externally via VHF or AIS, but are available to all NMEA 2000 devices on the vessel.

► **Digital switching alarm unit.** The device acts as an NMEA 2000 binary switch bank with 28 channels, each channel has a unique sound alarm and LED flashing sequence. Channels (and corresponding sound alarms) can be turned on/off from other equipment, including our smart sensors or from the screen of a modern chart plotter. The button connected to the device cancels the alarm.

► **Engine monitoring unit.** In this mode, the Device produces sound alarms according to engine alarms sent by the engine control unit or gateway to NMEA 2000. This mode is useful on boats where the regular engine monitoring instruments are already in need of replacement. The Device can also be programmed to produce a sound alarm itself at a specified temperature, engine revolution reading, etc.

Features:

► updating firmware and uploading of user sound files with CAN Log Viewer (p.22);

► can work in parallel with other Alarm Button unit or Circuit Control (p.9);

► can be managed from modern Raymarine, B&G, Simrad, Furuno, Lowrance chart plotters.

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9 Equipped with NMEA 2000 Micro Male or Raymarine SeaTalk NG connector
Compatible with 4 Ohm and 8 Ohm audio speakers
Audio amplifier output (8 Ohm load at 13V): 10 W
Device case length (without connector) / cable length: 54 / 600 mm

USD $ 149