

# ESENTO

MARINE

## REPEATER PANEL

12 ZONE FUNCTIONAL / PASSIVE REPEATER PANEL



The Esento Marine repeater panel has the same, easy to use, controls and indications as the main control panel, but mounted in a smaller cabinet.

The repeaters are fully functional with 'Silence', 'Resound' and 'Reset' controls, as well as Disable and Test Mode functions. It is also possible to disable the controls for each or all repeater panels to make them passive (indication only). Esento Marine 8-12 zone panels can support up to 8 repeaters.

Repeater panels are designed to be wired in a fault tolerant (fail safe) loop configuration, from comms A to B and back to the main panel again. This enables repeater panels to still work if there is a break in the cables.

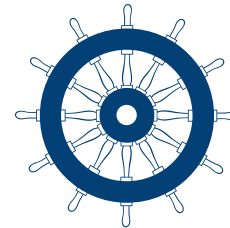
If replacing an older system where the existing cabling cannot be configured in a loop as above, it is possible to re-programme the panel back to legacy, radial circuit, comms monitoring. This then allows any topology of comms cabling to be utilised.

The main circuit board has 2, switch –ve, inputs which can be used to sound or pulse the alarms. These inputs can also be re-programmed for use as PSU fault inputs.

The internal comms PCB has 6, switch –ve, programmable outputs.

## Features at a glance

- 12, zonal, fire & fault indications
- Simple, colour coded buttons for controls
- Integral 1 amp switch mode PSU
- Class change & alert inputs
- Programmable outputs
- Test mode & disablement functions
- Fully functional or passive
- Space for up to 3.2Ah batteries
- Key-switch or code entry for activation of controls
- Approved to module B & D



MED Ref: 0832/15

Models	Description
ESEN-R-12MAR	12 zone repeater panel

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## Compatibility

Compatible with Esento Marine 8-12 zone conventional control panels

### Main Features

- 12, zonal, fire & fault indications
- Activate controls via keyswitch or code entry
- Soft tactile buttons for controls & programming
- 1 Amp switch mode power supply Nom 27V DC
- Class change I/P
- Alert I/P
- 6 x programmable switched -ve outputs
- Test mode, with or without sounders
- Disable zones, sounder O/Ps, aux O/Ps & delays

### External Indications - Level 1

- Zones in Fire
- Zones in Fault, Disabled or In Test Mode
- Supply Healthy
- General Fire
- General Fault
- General Disablement
- Test Mode
- Sounder Status
- Aux Output Status
- Power Supply Fault
- Delay Status
- Repeater Fault
- System Fault
- Access Level

### External Controls - Level 2

- Keyswitch or code entry 'activate controls'
- Colour coded buttons for controls and programming
- Button functions:
  - Resound
  - Silence
  - Reset
  - Disable Mode
  - Test Mode
  - Mute Buzzer
  - Test Lamps
  - Enter

### Internal Controls

- PSU Voltage adjustment

### Cabinet

- Mild steel, lockable, 20mm knockouts
- Colour ref: Radon MW334E Interpon powdercoat
- Back box = 300mmW x 250mmH x 80mmD
- Lid = 308mmW x 260mmH x 23mm (Return)



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