# DSEEXTRA®
# BATTERY CHARGERS AND EXPANSION MODULES.

## DSE549
REMOTE ANNUNCIATOR CONTROL MODULE


**The DSE549 Remote Annunciator has been designed to be connected to the DSE130 input expansion module.**

**It provides 16 LED indicators an alarm sounder, mute button and an LED test button.**

### FEATURES
- The DSE549 meets the requirements of the United States of America National Fire Protection Agency (NFPA) 110 Level 1 specification
- Configurable LED's (Via the host controller)
- Works up-to1000 meters from the host module using standard cable
- Power and link lost LED's
- Mute button to turn off alarm (Independent from host module)

### LED INDICATION
The DSE549 has a pre-printed front label that displays the following:
1. User configurable – blank insert
2. Over crank
3. Low water temperature
4. High engine temperature (pre-alarm)
5. High engine temperature
6. Low lube oil pressure (pre-alarm)
7. Low lube oil pressure
8. EPS supplying load
9. Overspeed
10. Low fuel main tank
11. Control switch not in automatic position
12. High battery voltage
13. Low voltage in battery
14. Battery charger AC failure
15. Common alarm
16. Remote emergency stop

Two additional fixed LED's are provided to display that power is connected and that the module is correctly connected to the DSE130 (Link lost).

### SPECIFICATION

**DC SUPPLY**
8V to 35V continuous. Supplied from DSE130 module via 4 core interconnecting cable.

**CRANKING DROPOUTS**
Able to survive 0V for 50mS, providing supply was at least 10V before dropout and supply recovers to 5V. This is achieved without the need for internal batteries.

**MAXIMUM OPERATING CURRENT**
150mA at 12V. 81mA at 24V. This maximum current includes the DSE130 which provides power to the DSE549.

**LED's**
Power On
Link Lost
15 fixed LED's
1 configurable LED

**DIMENSIONS**
171mm x 115mm x 49mm
6.7" x 4.5" x 1.9"

**CUT OUT**
154mm x 98mm
6.1" x 3.9"

### ENVIRONMENTAL TESTING STANDARDS

**ELECTRO MAGNETIC CAPABILITY (EMC)**
BS EN 61000-6-4
EMC Generic Emission Standard for the Industrial Environment
BS EN 61000-6-2
EMC Generic Immunity Standard for the Industrial Environment

**ELECTRICAL SAFETY**
BS EN 60950
Safety of Information Technology Equipment including Electrical Business Equipment

**TEMPERATURE**
BS EN 60068-2-2
Test Ab to 70°C
Test Ab to -30°C

**VIBRATION**
BS EN 60068-2-6
Ten sweeps in each of the three major axes
5Hz to 8Hz @ +/- 7.5mm

**HUMIDITY**
BS EN 60068-2-30
Test Db 95% RH @ 55°C for 12 hours

**SHOCK**
BS EN 60068-2-27
Three shocks in each of three major axes
15gn in 11mS

**DEEP SEA ELECTRONICS PLC**
Highfield House
Hunmanby Industrial Estate
Hunmanby, North Yorkshire
YO14 0PH England

**TELEPHONE**
+44 (0)1723 890099

**FACSIMILE**
+44 (0)1723 893303

**EMAIL**
sales@deepseaplc.com

**WEBSITE**
www.deepseaplc.com

Registered in England & Wales No.01319649

VAT No.316923457

**DEEP SEA ELECTRONICS INC**
3230 Williams Avenue
Rockford
IL 61101-2668 USA

**TELEPHONE**
+1 (815) 316 8706

**FACSIMILE**
+1 (815) 316 8708

**EMAIL**
sales@deepseausa.com

**WEBSITE**
www.deepseausa.com

## RELATED MATERIALS

| TITLE | PART NO'S |
|---|---|
| DSE130 Data sheet | 055-047 |