

# DSE2510/20

## REMOTE DISPLAY MODULES

### FEATURES



The DSE2510 and DSE2520 are display modules designed to work with the DSE7310 Auto Start and DSE7320 Auto Mains (utility) Failure control modules. Up to three display modules can be connected to one host control module, and can be positioned up to a maximum distance of 1km away.

The remote displays offer exactly the same instrumentation, control and monitoring capabilities as the host control module, including starting and stopping of the engine.

All remote displays connected to the same system, will show the same information at any one time, while the host controller is able to display different information.

The modules are simple to operate and feature the same user-friendly menu layout as the host module.

All communications and configuration are done via the host module only. The remote devices simply mirror the configuration of the host module, making the system quick and easy to install.

### ENVIRONMENTAL TESTING STANDARDS

#### ELECTRO-MAGNETIC COMPATIBILITY

BS EN 61000-6-2  
EMC Generic Immunity Standard for the Industrial Environment  
BS EN 61000-6-4  
EMC Generic Emission Standard for the Industrial Environment

#### ELECTRICAL SAFETY

BS EN 60950  
Safety of Information Technology Equipment, including Electrical Business Equipment

#### TEMPERATURE

BS EN 60068-2-1  
Ab/Ae Cold Test -30 °C  
BS EN 60068-2-2  
Bb/Be Dry Heat +70 °C

#### VIBRATION

BS EN 60068-2-6  
Ten sweeps in each of three major axes  
5 Hz to 8 Hz @ +/-7.5 mm,  
8 Hz to 500 Hz @ 2 gn

#### HUMIDITY

BS EN 60068-2-30  
Db Damp Heat Cyclic 20/55 °C  
@ 95% RH 48 Hours  
BS EN 60068-2-78  
Cab Damp Heat Static 40 °C  
@ 93% RH 48 Hours

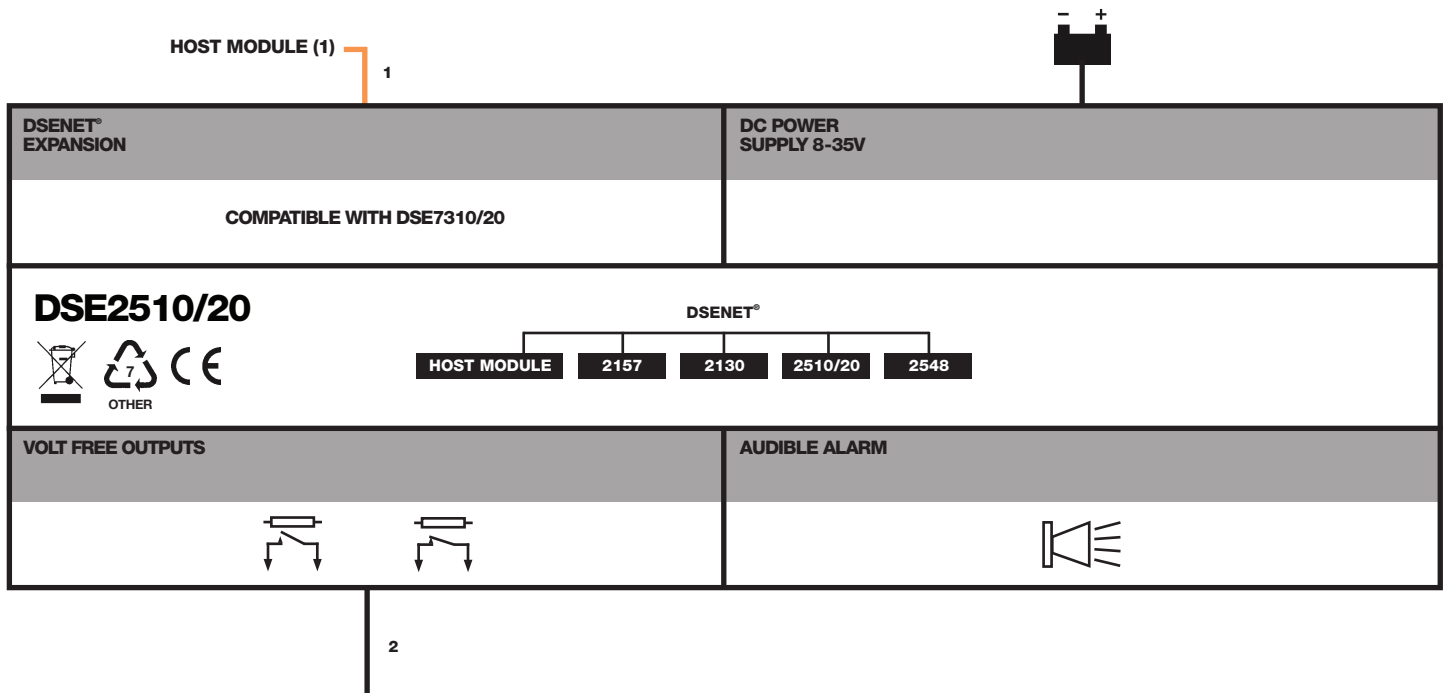
#### SHOCK

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

#### DEGREES OF PROTECTION PROVIDED BY ENCLOSURES

BS EN 60529  
IP65 - Front of module when installed into the control panel with the supplied sealing gasket.

## COMPREHENSIVE FEATURE LIST TO SUIT A WIDE VARIETY OF GEN-SET APPLICATIONS



# DSE2510/20

## REMOTE DISPLAY MODULES

### FEATURES



### KEY FEATURE

Expands the application possibilities of the DSE7300 Series by offering remote control and monitoring from up to 3 separate locations.

### OPERATION

The remote displays are operated via the START, STOP, AUTO and MANUAL soft touch membrane buttons on the front panel. The DSE2520 also has a TEST button. Both versions include load switch buttons. The main menu system is accessed using the five navigation buttons to the left of the LCD display.

For a more detailed list of module features, please refer to the DSE7310 & DSE7320 Data Sheet.

### SPECIFICATION

#### DC SUPPLY

**CONTINUOUS VOLTAGE RATING**  
8 V to 35 V Continuous

#### CRANKING DROPOUTS

Able to survive 0 V for 50 mS, providing supply was at least 10 V before dropout and supply recovers to 5 V. This is achieved without the need for internal batteries. LEDs and backlight will not be maintained during cranking.

**MAXIMUM OPERATING CURRENT**  
340mA at 12V 160mA at 24V

**MAXIMUM STANDBY CURRENT**  
160mA at 12V 80mA at 24V

#### DIMENSIONS

##### OVERALL

240mm x 181.1mm x 41.7mm  
9.4" x 7.1" x 1.6"

**PANEL CUT-OUT**  
220mm x 160mm  
8.7" x 6.3"

**MAXIMUM PANEL THICKNESS**  
8 mm  
0.3"

### RELATED MATERIALS

#### TITLE

DSE2510/20 Installation Instructions  
DSE2510/20 Operator Manual  
DSE7310/20 Data Sheet

#### PART NO'S

053-064  
057-107  
055-051

### DEEP SEA ELECTRONICS PLC UK

Highfield House, Hunmanby Industrial Estate, Hunmanby YO14 0PH  
**TELEPHONE** +44 (0) 1723 890099 **FACSIMILE** +44 (0) 1723 893303  
**EMAIL** sales@deepseapl.com **WEBSITE** www.deepseapl.com

### DEEP SEA ELECTRONICS INC USA

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