



## Walker P1250 Intelligent Wind Alarm System

John Lilley and Gillie are proud to announce the latest in forward thinking product design for marine wind monitoring and quayside safety. This is the Walker P1250, Intelligent Wind Alarm System (IWAS), a neat fitting, compact and stylish unit that is easily integrated into any existing bridge or control room console hardware. With minimal installation, the extremely practical and functional IWAS unit has new feature touch sensitive buttons for navigation around clear and precise menu options.

A USB input also allows the operator (with a USB flash memory) to download data stored from the IWAS for printouts and analysis. The IWAS system is a unique product that covers points of safety missed by other manufacturers. As market leaders in crew and vessel safety, John Lilley and Gillie Limited have a well proven track record.



P1250 Intelligent Wind Alarm System

### Purpose and innovation

Approaching 200 years of experience in maritime equipment development, John Lilley and Gillie continues to pursue a policy of pioneering safety products with the new IWAS system. The well being of crew and vessel safety is at the heart of product development and IWAS is unique.

The function of the IWAS unit is to monitor wind speed with safety indicators whilst vessels are anchored at a quayside. If the wind speed increases over a specified adjustable marker, the IWAS unit alerts the operator with a series of visual and audible alarms. In addition, the IWAS system can also perform operational auto shutdown of specified plant and machinery. The unit will then continue to monitor wind levels and maintain shutdown until the wind level drops below another adjustable hysteresis marker.

The resulting use of IWAS importantly acts to avoid accidental injury to crew, vessel and quayside damage. It also avoids any environmental damage from oil spills caused by wind conditions that create extreme sea swells. IWAS is a Lilley and Gillie 'flag ship' wind monitoring system that is the natural step to bridging a gap in quayside safety.

### Main Features

- A compact and stylish user friendly unit.
- Easily installed and incorporated into an established bridge system.
- Integral data logger.
- 8Mb internal memory.
- Data Logger.
- USB port for data transfer and printing.
- Wind speed displayed in relative and true speed.
- Two level alarm system with settable optional hysteresis.
- Individual alarm setup.
- Variable alarm tone and volume.
- Auto shutdown to relative plant or machinery option.
- Unique touch menu display.
- Display dimmer control.
- Auto on facility.
- Key Switch option.

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## Specifications

### Display/Control

Digital: 1 x 256\*64 pixel OLED  
Graphic display  
Illumination dimmable by 2 x integral touch switches

4 x "secret till lit" integral touch switches, accessed by key switch, for setup procedures. Integral "Alarm Reset" touch switch for operator reset.

### Parameters

15 second visual alarm.  
15 second 1st Stage audible alarm  
2nd Stage audible alarm  
"Power Fail" alarm  
Emergency Call function.  
Settable by key switch / menu access.

### Standards

IEC 60945: 2002  
IEC 61162-1: 2008  
IEC 62288: 2008

### Mechanical

Din 43700 Pattern: Din 196 x 144  
Weight- IWAS Unit 1.18 Kg approx  
Case: Plastic  
Outer Bezel: Polycarbonate; black  
Front Window: Ally Carbonate:  
Printed Case Back: Aluminum Alloy  
Panel / Console mounting.

### Standard System

1 x P1250 IWAS unit  
1 x P7011 Sounder

RJ45 Connectors for Remote Reset / Repeater connection.

### Terminals:

4 x dry contact / 5VDC inputs:  
for 2 x remote resets /  
1 x unacknowledged alarm /  
1 x emergency call.

4 x dry contact / 12VDC outputs:  
for visual alarm / 1st stage audio alarm / 2nd stage audio alarm .  
Power Fail: N.C. (O.C. on fail) and  
Changeover outputs.

2 x IEC 61162-1 NMEA 0183  
inputs

2 x IEC 61162-1 NMEA 0183  
outputs

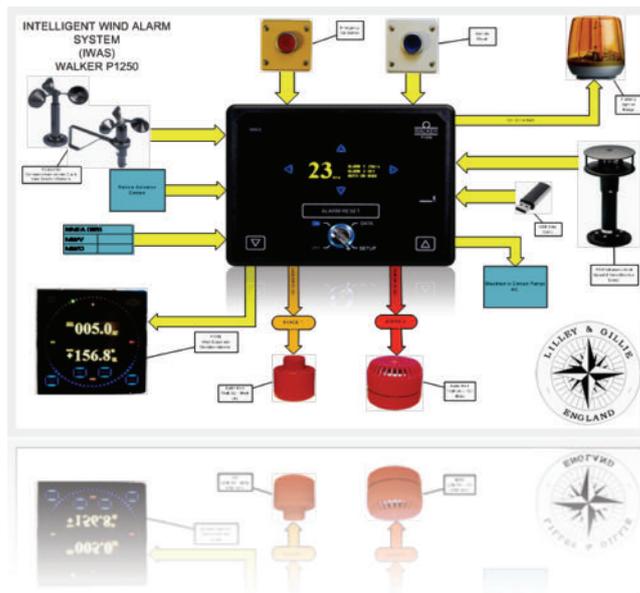
**Communication format**  
RS422

**Input format**  
NMEA 0183 (MWV/MWD)

**Output format**  
NMEA 0183 (ALR)

**Power requirement**  
110/230VAC 50 / 60 Hz

**Compass safe distance**  
Standard: 0.3m Steering: 0.



## Optional System Extras

The following units can be ordered separately to provide system expansion:

- Walker P1249 Wind Speed and Direction Indicator.
- Walker P296/97/99 Combined Anemometer Cup and Vane Direction Sensors.
- Walker P292 Ultrasonic Wind Speed and Vane Direction Sensor
- P7009 Remote Reset Unit
- P7010 Emergency Call Unit
- P7011 Sounder
- P7012 Sounder
- P70XX Repeater/Reset Unit

A suitable Junction Box (shipyard supply) may be necessary in order to facilitate expansion of the IWAS system.

In accordance with our policy of continuous development, changes may be made from time to time without prior notice.



Manufacturer of magnetic compasses, TMC's and nautical instruments. Adjusting, testing and repair of magnetic compasses by certificated compass adjusters.



Manufacture of type approved navigation and data instrumentation for commercial vessels.



Manufacture of military grade instrumentation systems for naval and paramilitary vessels.



ECDIS, ECDIS training and marine training simulators. Distributor for UKHO, Jeppesen, Primar and all official e-chart manufacturers.



Distribution of lighting products including navigation lights, navigation light switch panels and searchlights.



UK sales and service of Yokogawa gyros, autopilots and logs.



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**LILLEY & GILLIE**  
EQUIPMENT

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