

BLUE ELECTRONICS



Operators Control Panel (OCP)

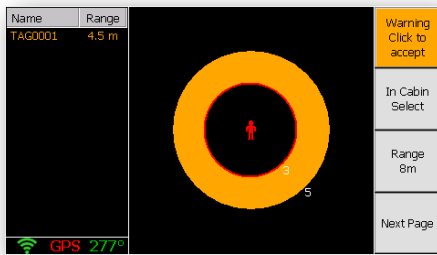
Applications:

- Vehicle to Person Protection
- Person to Vehicle Protection
- Vehicle to Vehicle Protection
- Vehicle/Person to Object Protection
- Mining, Rail, Construction, Warehouses

Personal Proximity Detection System

Product Description

The PDS system monitors workers and their position in relation to the host vehicle using patented TOF measuring devices (PDD). If a worker breaches any of the user configurable zones around the Vehicle an Alarm is given to the Operator by way of a flashing colour coded Zone representing distance, an Audible Alert Tone (User configurable) and Tag ID.



Main Screen Display

To cater for varying Vehicle sizes, each Vehicle can have its own unique zone settings configured. The system also caters for persons wearing PDD's inside the Cabin and has a 'Buddy Alert™' feature allowing workers to raise a global alarm.



5-way Charging Rack

Main Features:

- Purpose built Vehicle PC with 4" colour display and adjustable brightness & volume
- Rugged enclosure, fan-less design
- Heavy duty adjustable RAM mounting bracket system
- Provides Adjustable Proximity Zones & Relative Positioning
- PDD provides Warning & Alerts using LED Indicators, Vibrator & Beeper
- Buddy Alert system warns all workers and operators of potential danger
- Event & Alarm Logging
- Wireless Updates
- Contact-less Charging
- Works In/Outdoors
- Minimal installation requirements
- Optional Live Tracking



Personal Detection Device (PDD)



MagMount Omni Head Unit (OHU)

Technology Specification:

- Time Of Flight (TOF) Measuring Technology with GPS positioning
- Accurate to +/- 2m or better
- 2.4Ghz Operating Frequency
- Operates on both 12 and 24VDC systems
- Re-chargeable Personal Detection Devices (PDD) with 12hrs up time
- Re-charge time <4hrs
- Wireless Updating
- Buddy Alert™



Blue Electronics Pty Ltd
Unit 1/13 Steel Street
Capalaba Qld 4157
P: +61 7 3112 5969
F: +61 7 3112 5909

E: sales@blueelectronics.com.au
W: www.blueelectronics.com.au

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Operators Control Panel (OCP)



Main Page



Event Logging Page



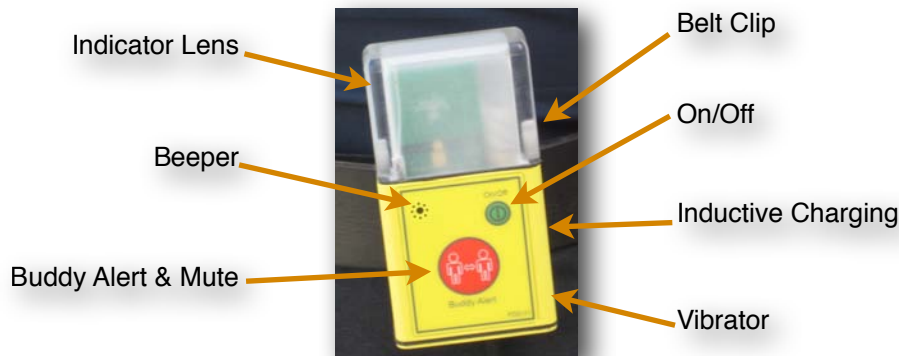
In Cabin Page



OCP Description

The OCP provides the Operator with an overview of surrounding Vehicles and Workers. If either enters the Warning or Alert Zone which can be configured, it will Alarm and display which Zone has been breached and who caused the Alarm. The Operator can accept the Alarms by pressing the Accept button. In the event of a **"Buddy Alert"** being triggered by a Worker, the Operator will be alerted by a separate Warning so he/she can take the necessary action.

Personal Detection Device (PDD)



PDD Description

The PDD is worn by any person you want to provide Person to Vehicle or Vehicle to Person Proximity Protection to. If the Worker enters either the Warning or Alert Zone of the Vehicle, he/she will be alerted via a series of Beeps, Flashes and Vibrations from the device. The device has an up time of approximately 12hrs and will recharge in less than 4hrs using a non-contact charging rack. The device also has an internal GPS that provides positional information to the Vehicle Operator.