



Pedestrian Alert Safety System

Problem: Warehouse Managers need to help prevent accidents between lift trucks and pedestrians.

Solution: The Pedestrian Alert Safety System alerts lift truck drivers when there is a pedestrian nearby.

Operation:

- The system is easy to use. Each Pedestrian carries a rechargeable hand held sender module.
- Receiver sets with visual alarms are mounted on each vehicle.
- Each receiver set has alarms visible during both forward and reverse travel.
- Both alarms light up when a vehicle with a receiver nears any sender.

Safety Cross Checks:

- The system constantly performs self tests at several points.
- Each lift truck receiver checks the signal from its own on-board sender every few seconds to confirm that it is receiving signals. A pulsing LED tells the operator that his system is working.
- A cross check receiver on each charging module verifies that the sender is working when that sender is picked up for use.



Multi-Station Charger Checks Operation



Each "sender" has an LED that flashes every time it sends a signal.



Rear Facing Alarm



Front Facing Alarm

Industrial Design:

- The compact senders use long-life, AAA metal hydride batteries, which can be recharged hundreds of times without disassembly. Batteries have a time between recharge of several shifts. Worn out batteries can be replaced using only a screwdriver.
- Unit uses top quality components in a durable sealed case. The case has been successfully drop tested on concrete.
- Sender units are stored in a multi-station drop-in charger. The charger is specially designed to charge Metal Hydride batteries quickly and safely.
- System designed for maximum of 14 Trucks and 16 Pedestrians.
- Radio senders are Federal Communications Commission approved. Charger is built in compliance with U.L. and V.D.E. standards.
- Vehicle units use 12 Volt D.C. power. Charger uses 120 Volt A.C. 50/60 Hertz, 1 Amp maximum.

Optional Additional Layer Of Protection:

- For extra security, ceiling mounted Sky Box receivers can be permanently mounted to operate beacon lights when a sender is nearby.

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