



Forklift Alert™ Forklift Proximity Pedestrian Notification System

Made better in the USA by:
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Forklift Alert™ is a proximity warning system for pedestrians. It's our all new, patent pending solution for improving facility safety and awareness. A transmitter mounted on your forklift emits a high frequency radio signal that is detected by our receiver to warn surrounding pedestrians. Utilizing technology that Miltronics has been perfecting for over twenty years, our Receiver does not require line-of-sight to the traveling forklift.



Each Forklift is easily out-fitted by maintenance personnel with our integrated Flux Capacitor/Power Converter to normalize the forklift's power output. The Transmitter is mounted on a top forklift rail and is positioned toward the front of the forklift. The Transmitter is then connected to the integrated Flux Capacitor/Power Converter for operation. The forklift operator can control system power and monitor transmission from the Flux Capacitor/Power Converter.



The receiver is wall mounted in areas where pedestrian traffic occurs. When the receiver detects forklift activity in the vicinity, audio and visual warning indicators let pedestrians in the area know that an operating forklift is close by. There are optional enhanced visual and audible accessories that can be connected to the Receiver depending on the severity of your environment. Since the receiver does not require line of sight to the forklift-mounted transmitter, it can be mounted around corners and give pedestrians advanced warning as they approach an intersection. This is important when forklifts can travel through intersecting hallways or blind aisle ways in your facility where there may also be pedestrians. The Receiver has an on-board audible warning signal and a case mounted lamp for a visual warning in addition to two accessory ports for enhanced audio and visual warning devices.

There are many more uses for Forklift Alert™ than just forklifts. Our forklift-mounted Transmitter and Flux Capacitor/Power Converter combination allows the Forklift Alert™ to be installed in almost any industrial powered vehicle. In addition, a portable version of our transmitter will be available soon for hand operated pallet jacks and other non-powered moving vehicles.

OSHA estimates forklifts cause about 85 fatal accidents per year; 34,900 accidents result in serious injury; and 61,800 are classified as non-serious. According to the Industrial Truck Association (ITA), there are about 855,900 forklifts in the U.S. Therefore; over 11% of all forklifts will be involved in some type of accident each year (assuming only one accident per forklift).

The ITA also reports that the useful life of a lift truck is about 8 years. This means that about 90% of all forklifts will be involved in some type of accident during their useful life--again assuming only one accident per forklift. If you operate this equipment, there is a possibility that you may have an accident at some point during your career. To help reduce the possibility of being injured, it's important to understand where and how these accidents occur.

Source...toolboxtopics.com

Forklift Alert™ System



Forklift Alert™ System Features:

- Alerts Pedestrians of On-Coming Forklifts
- Perfect for Blind Intersections – Line-of-Sight Not Required
- Compatible with Most Forklifts (Gas and Electric; 9 Volts – 36 Volts)
- Standard Model: 9 Volts to 36 Volts
- Quick and Easy Installation by Maintenance Personnel
- Industrial Casing Designed to IP65, NEMA Specs and UL Listed
- Casing has Silicon Rubber Gaskets for Adverse Indoor Conditions
- All Cases Equipped with SS Captive Hardware and Mounting Flanges
- Casing Made of Flame Retardant ABS Plastic
- High Quality Stainless Steel Connectors Rated IP67
- M9 Threaded Locking Connectors with Gold Plated contacts
- Polarized Connectors to Avoid Misalignment and Incorrect Placement
- Coded Components for Group Distinction
- Low Cost Solution – See Our Published Pricing
- Helps Reduce Risk of Lawsuits and Liabilities
- Helps Reduce Risk of Injury
- Maintain Lower Insurance Costs

Forklift Alert™ Receiver



Forklift Alert™ Receiver:

- Easily Mounts to Wall Where There's Pedestrian Traffic
- Adjustable Range from 5 feet to 100 feet
- Line-of-Sight with Forklift Mounted Transmitter is Not Required
- On-Board Jumper to Set Alert Duration (5 sec/10 sec/Stay On)
- "Stay On" Mode is Reset By Pushing Test Button Momentarily
- Alert Cycle Repeats While Forklift Remains in Area
- Integral Audible Alert Sound Emitted When Forklift is in Proximity
- Accessory Port for Tethered Audible Alert Signals
- Integral Visual Alert Lamps Activate When Forklift is in Proximity
- Accessory Port for Tethered Visual Alert Signals
- Test Button for Alert Signals and Accessory Operation Verification
- Enhanced Audio and Visual Alert Accessories Available (Sold Separately)
- "Power On" Verification Diode
- Requires 110 VAC Power Outlet

Forklift Alert™ Flux Capacitor/Power Converter



Forklift Alert™ Integrated Flux Capacitor/Power Converter:

- Required for All Forklift Transmitters
- Converts Forklift Power for Proper Transmitter Operation
- Standard Model 12 Volt (9V – 36V).
- System Power On/Off Toggle Switch with Indicator Lamp
- Accessory Port to Power Forklift Mounted Alert Accessory
- Audio and Visual Accessories Available (Sole Separately)
- Verification Diode for Transmitter Operation
- Verification Diode for Transmitter Fault



Forklift Alert™ Transmitter



Forklift Alert™ Transmitter:

- Easily Installs on All Forklifts
- Transmission Frequency is 303.1875 MHz
- Requires the Flux Capacitor/Power Converter for Power Regulation
- Transmission Verification Diode Located on Flux Capacitor/Power Converter

Forklift Alert™ Accessories



Forklift Alert™ Accessories:

The Receiver is equipped with two Accessory Ports for enhanced warning alerts to surrounding pedestrians. There is an optional Strobe Light, Siren and buzzer available along with “chainable” ten-foot accessory extension cables. The forklift-mounted Flux Capacitor/Power Converter also has an accessory port to operate accessories on the forklift.



Reminders for the Pedestrians:

- Be aware that lift trucks cannot stop suddenly. They are designed to stop slowly to minimize load damage and maintain stability.
- Stand clear of lift trucks in operation.
- Avoid a run-in. The driver's visibility may be limited due to blind spots.
- Be aware of the wide rear swing radius.
- Use pedestrian walkways, or stay to one side of the equipment aisle.
- Never ride on a forklift, unless authorized and the forklift is designed for riders.
- Never pass under an elevated load.

Source... OSHA

Workers on Foot

- Separate forklift traffic and other workers where possible.
- Limit some aisles to workers on foot only or forklifts only.
- Restrict the use of forklifts near time clocks, break rooms, cafeterias, and main exits, particularly when the flow of workers on foot is at a peak (such as at the end of a shift or during breaks).
- Install physical barriers where practical to ensure that workstations are isolated from aisles traveled by forklifts.
- Evaluate intersections and other blind corners to determine whether overhead dome mirrors could improve the visibility of forklift operators or workers on foot.
- Make every effort to alert workers when a forklift is nearby. Use horns, audible backup alarms, and flashing lights to warn workers and other forklift operators in the area. Flashing lights are especially important in areas where the ambient noise level is high.

Source... NIOSH

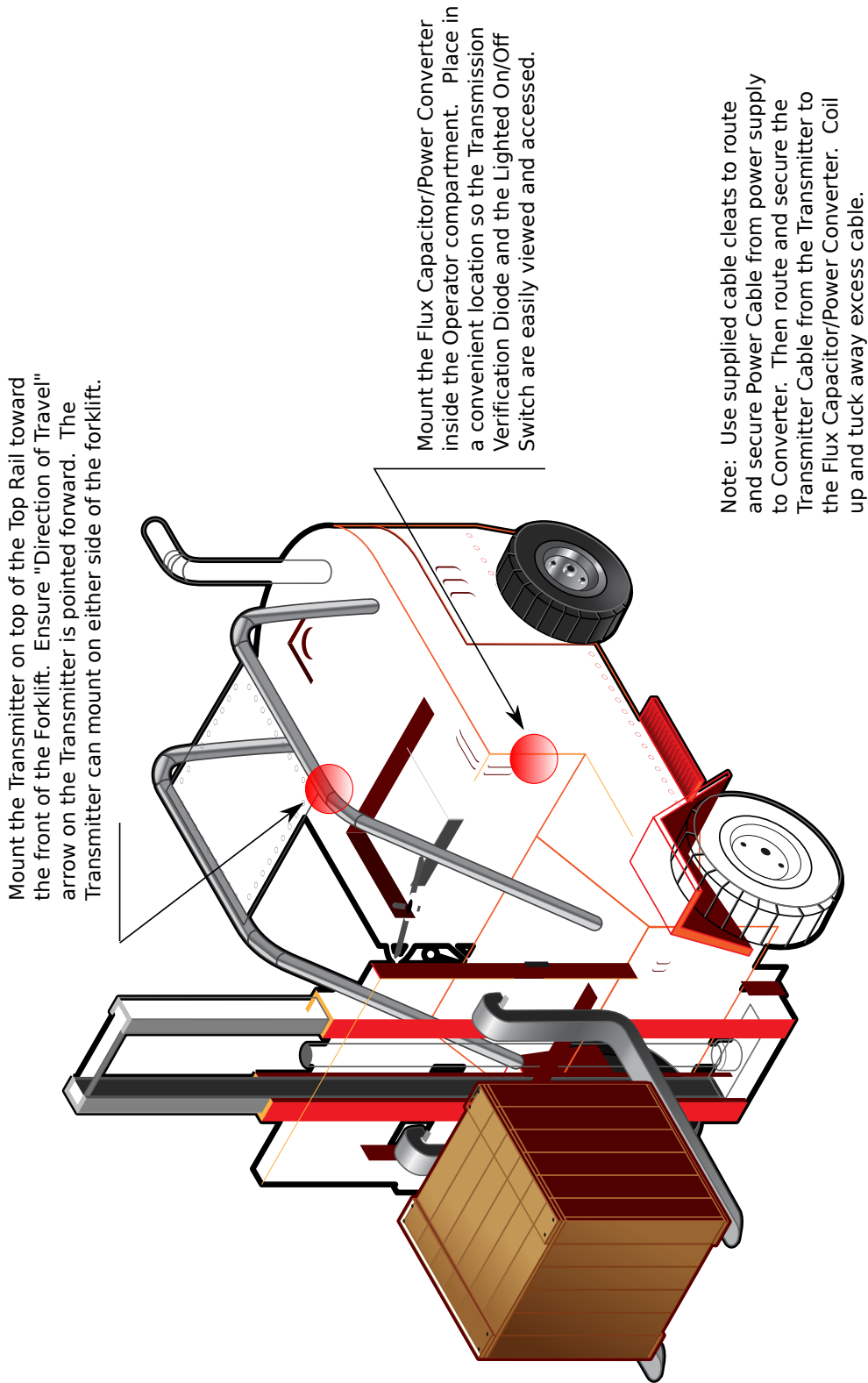


Figure 1: Flux Capacitor/Power Converter and Transmitter Placement

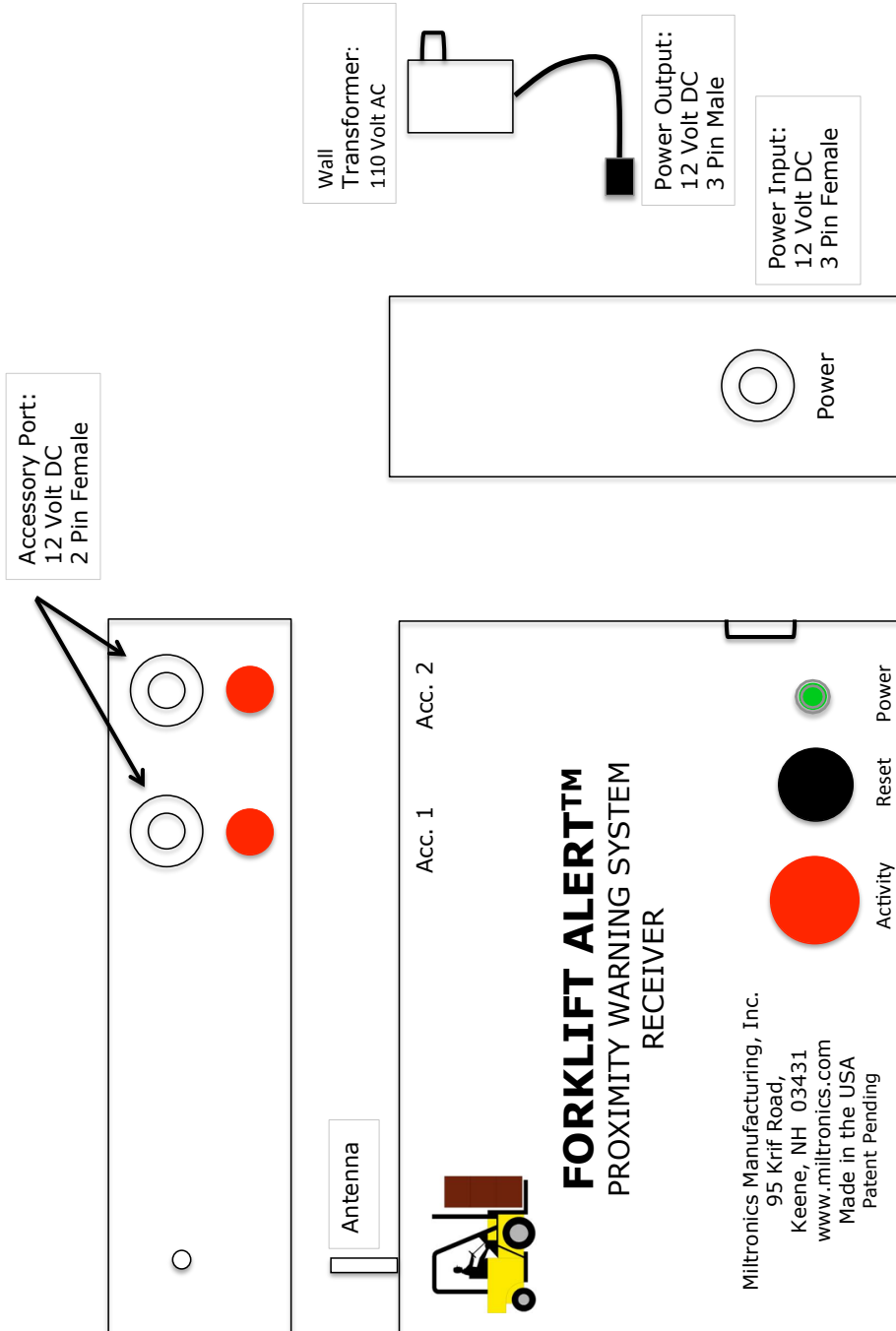


Figure 3: Forklift Alert™ Receiver Connections

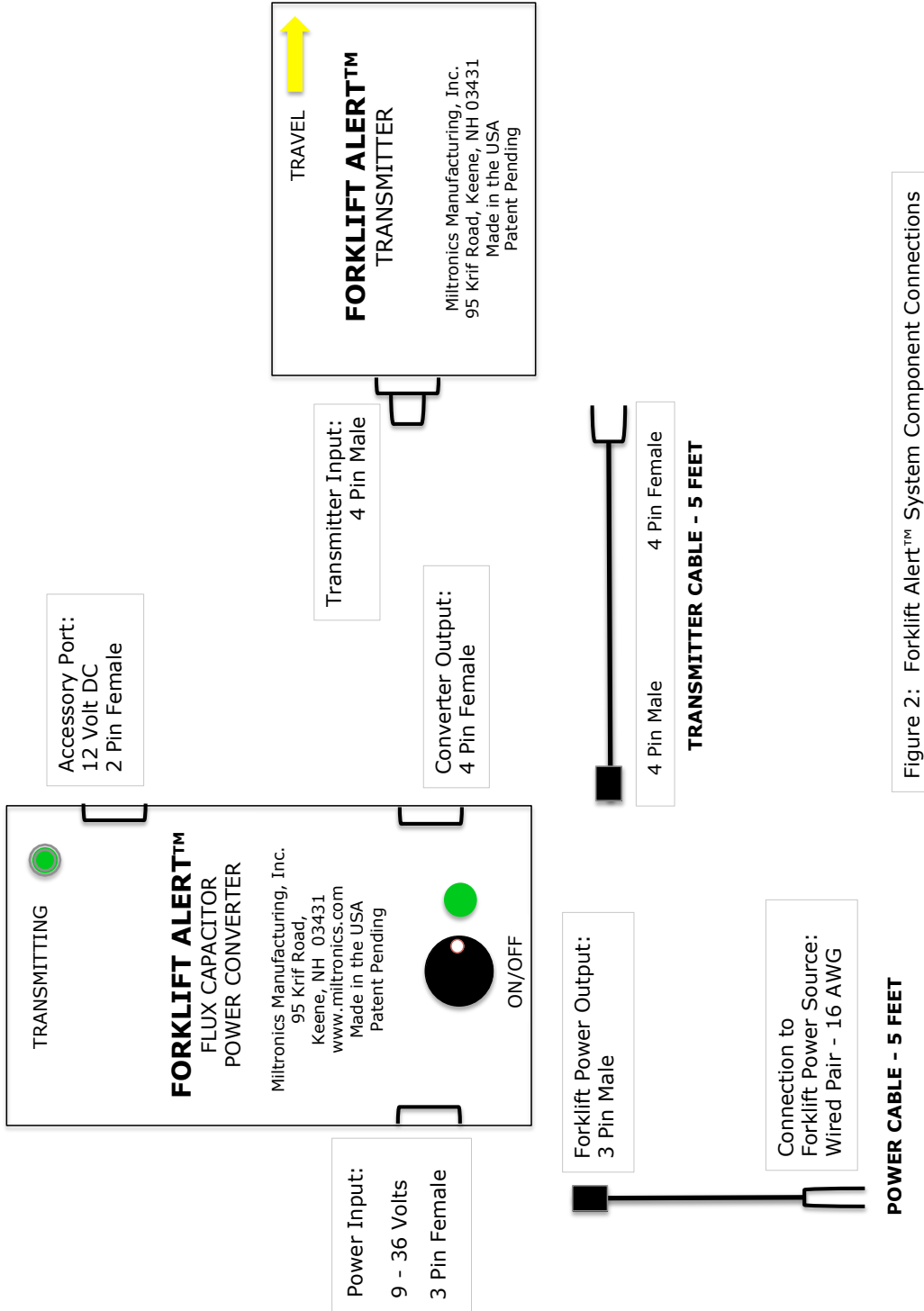


Figure 2: Forklift Alert™ System Component Connections



**Forklift Alert™
Forklift Proximity Pedestrian Notification System**

Deposit of 50% required for high quantities.
Prepayment required for low quantities.
Please allow 4 to 6 weeks for delivery on low quantities.
High quantities will be scheduled and acknowledged for delivery on order.
Prices subject to change without notice.
Built to order – All sales final.
Miltronics Mfg. Svcs. Inc. reserves the right to substitute items of equal or better value/quality.

Forklift Alert™ Limited Warranty: Miltronics Manufacturing, Inc. has a one-year warranty on parts and ninety days on labor. Miltronics guarantees all parts of this product to the original owner against manufacturing or parts defects. This warranty shall not apply to defects resulting from improper installation or use, unauthorized repair and consequent damage, abuse, modification, using in a fashion other than intended, fire, flood or act of God, or on which serial numbers have been altered, defaced or removed. If your unit cannot be repaired, Miltronics may replace it with new or reconditioned merchandise. Miltronics will assume no liability for commercial loss or any kind of damage resulting from malfunction of the product, or resulting from its unsuitable use. In any event liability shall not exceed the original purchase price.

Forklift Alert™ Warranty Return and Repair Policy: The entire system requiring warranty repair must be returned to Miltronics, by prepaid freight, with proof of purchase, a brief description of the problem and a daytime phone number to contact you if necessary. A repair charge and/or a handling fee will apply to products sent to Miltronics that are not covered under warranty.

RF OPERATION: All wireless devices are required by the FCC to operate subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

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