

# FENDERwatch User's Manual

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INDUSTRIAL PRODUCTS ENGINEERING DEPARTMENT

**Notice:**

This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

**Warning:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:**

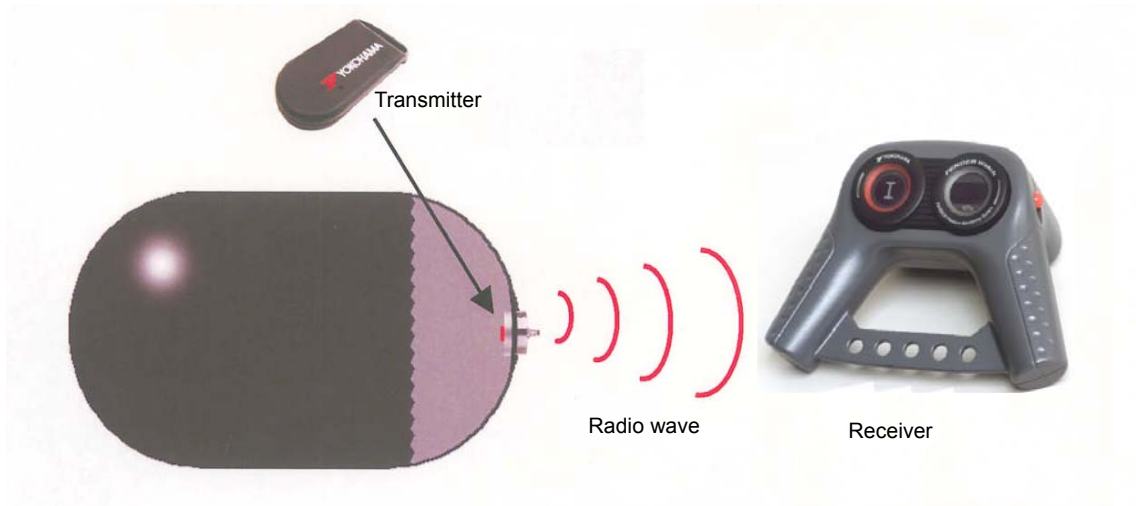
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

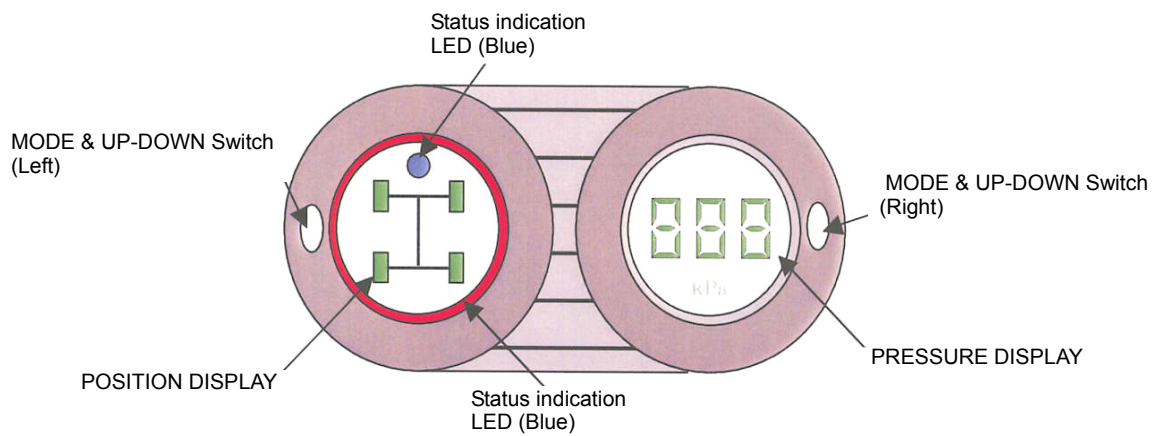
## 1. Introduction

FENDERwatch is a system for monitoring the air in pneumatic fenders and buoy by telemetering. The sensor transmits the internal pressure data via a wireless signal, and handheld terminals monitor the internal pressure data.



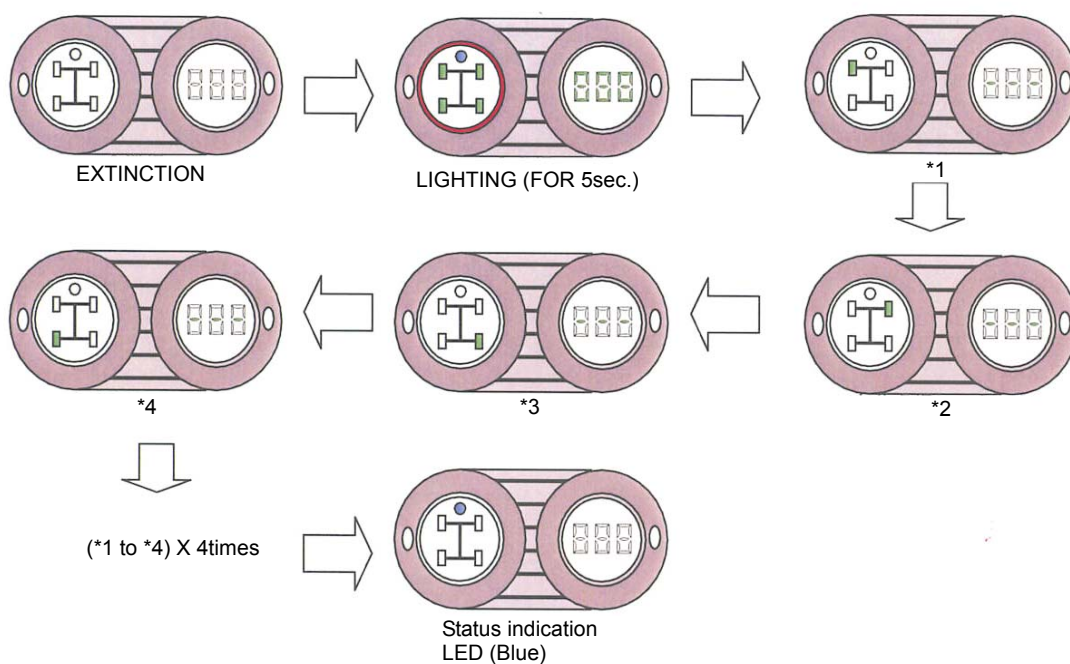
## 2. Operation

### 2.1 Part names



## 2.2 Initial Display

Power on the monitor.



## 2.3 PRESSURE MONITOR

Transmitters send measurements of internal pressure every 1 minute. Within transmission distance, receiver displays internal pressure data of fender.