

Tire Pressure Monitoring System

Installation and Operating Instructions

Model: LF005

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1 、 Product Introduction

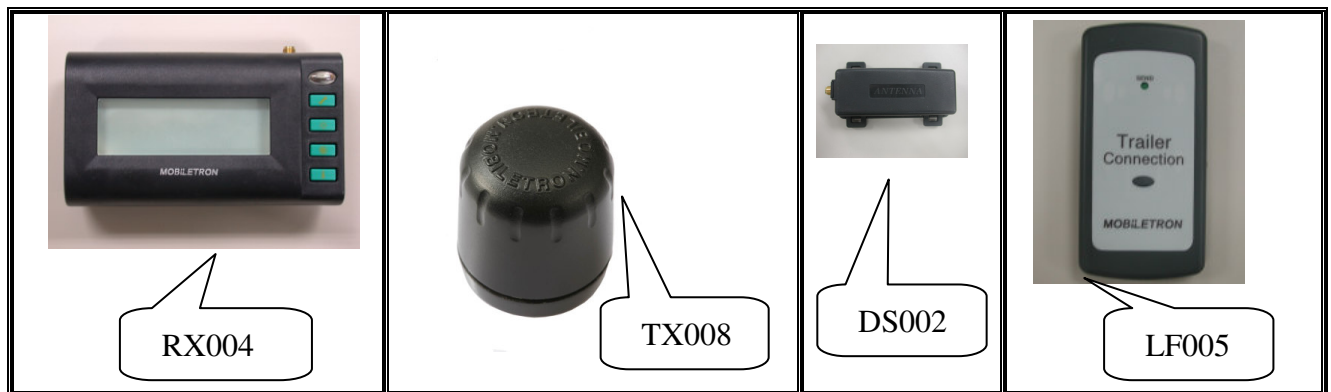
LF005 is a controller, used to transmit transmitter ID saved in ID-Transcorder to Receiver.

Transmitters sometimes are used to Trailer, but drays of trailers are usually exchanged to another trailer. It means transmitter ID is not fixed. For this kind of situation, we need ID-Transcorder recording transmitter ID and LF005 transmitting ID to Receiver.

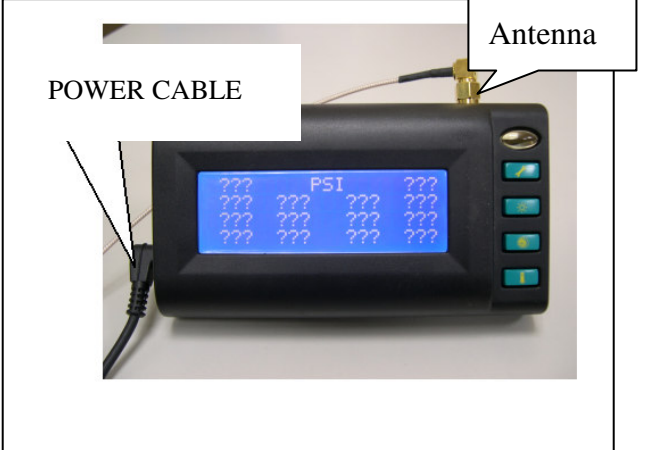
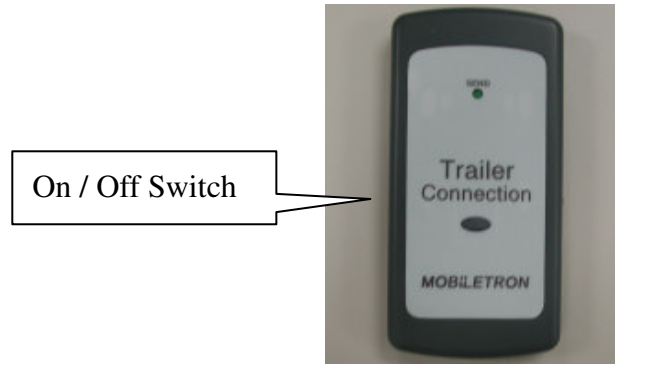
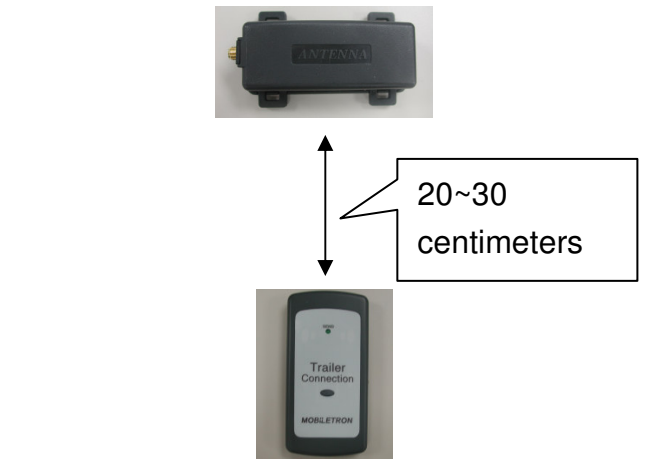

Take the models of TX008 RX004, and DS002 to help explain how to use LF005 completely.

- **TX008 : a kind of transmitter**
- **RX004 : a kind of LCD screen of digital receiver**
- **DS002 : a kind of ID-Transcorder**

TX008 contains highly accurate sensors to detect tire pressure and temperature. RF modules send data via radio wave to RX004 placed in driver's cabin. when the vehicle is in motion, TX008 starts to detect pressure and temperature automatically. Pressure and temperature data will be showed on RX004. If the pressure and temperature go wrong, the driver will be warned with LCD backlight, beep, and flashing numbers. Therefore, the driver can take action immediately. If Transmitters are fixed to trailers and the drays are changeable, then DS002 and LF005 will be used to receive new ID.



2、Transmitter ID to Receiver by LF005

<p>1. Take RX004 for example. Check receiver is on power and antenna is connected.</p>	
<p>2. Turn on the LF005.</p>	
<p>3. Take LF005 close to DS002 in 20~30 centimeters and push the button.</p>	
<p>4. Check RX004 show " Tx's ID OK ",and push any button to return normal display model. If it shows " Tx's ID LOST ", please try again.</p>	

NOTE : The value above is for reference.

3. Limit Warranty

Mobiletron, hereby warrants that this Mobiletron wireless tire pressure monitoring system shall be free from material defects in workmanship and/or materials until the expiry of twelve months from its purchase by the end user, EXCEPT WHERE any such defect has been caused by: Improper or non-normal use, Improper installation, contacts with any corrosive or otherwise harmful substance, any other acts or omission not sanctioned by the User Manual.

- Mobiletron warrants the wireless tire pressure monitoring system product for twelve months from the end user purchase date under normal operation condition, which is free from manual improper operation, improper installation or any casualty.
- Mobiletron's sole obligation shall be to repair or replace the defective product at no charge to the original owner.
- Mobiletron warns the user or driver of the driving safety by the limited warning signal range, and does not protect or take the responsibility of the user's or driver's safety directly.
- In no event will Mobiletron be liable for any direct, indirect, special, incidental or consequential damage, including loss of profit, loss of savings, or any other damages caused by product, or its documentation, or failure of the product to perform, even if Mobiletron has been advised of the possibility of such damages.

3.1 Warranty Service

- (1) The above warranty will be honored by the retailer from which it was purchased, provided that the owner can provide dated proof of purchase.
- (2) In the event that any defect in the unit is covered by the above warranty, Mobiletron will replace the affected components free of charge, shipping prepaid. The owner shall be responsible for any labor and installation costs incurred in removing the defective parts and/or installing the replacement.
- (3) The retailer shall at Mobiletron' cost send any unit which is defective as described in the above warranty to Mobiletron at No.39, Sec 3, Chung-Ching Rd., Ta-Ya, Taichung Hsien, Taiwan 428.

3.2 This Limited Warranty Provided by Mobiletron Does Not Cover

- (1) Product that have been subjected to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, improper transportation, repair or service in any way that is not authorized by Mobiletron.
- (2) Any damage attributable to fire, flood, lightning strike or act of God.
- (3) This limited warranty coverage will exclude the package material and user manual.
- (4) The damage caused from benzene, alcohol or any corrosive cleaner.
- (5) Any repair should implement in Mobiletron by returning from the Mobiletron authorized retailer. Any repair without authorization will be excluded from the warranty.

4. Things to Notice

Be sure to keep record of the Transmitter ID number for each of the corresponding four tires on the last page. Because next time if the original Transmitter is replaced by a new one, inputting the original Transmitter ID number to the new one should be a must.

Temperature Compensated Pressure Readings :

When a tire heats up, caused by long duration of driving or braking, the air pressure inside the tire can also be expected to increase, e.g. tire temperature increases 20°C to 30°C may lead to 3psi to 6psi pressure increment.

5. Technical Specifications

5.1 Operation Condition

Description	Value	Accuracy	Units
Operating Temperature	-20 ~ +60	± 3	°C
	-4 ~ +140	± 5	°F
Storage Temperature	-20 ~ +60	-	°C
	-4 ~ +140	-	°F
Operating Humidity	0 ~ 100	-	%

5.2 Radio Transmitter

Description	Value	Units
Central Frequency	125	KHz
Sampling Rate	4	Second
Range	10	Cm

5.3 General Specification

Description	Value	Units
Dimensions	117.5*57.4*15.27	mm
Weight	65	Gram

5.4 Power

Description	Type	Value	Units
Power Source	Lithium Battery	3.6	Vdc
Battery Life	-	2	year

Manufacturer: Moniletron Electronic ,Inc.

Address : No.39, Sec 3, Chung-Ching Rd., Ta-Ya, Taichung Hsien, Taiwan 428

Telephone : +886-4-25683366

Fax : +886-4-25673069

Web Site: <http://www.more.com.tw>

FCC Caution:

1. The device complies with Part 15 of the FCC rules. Operation is 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.

2. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

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