

INT51363A



USER'S MANUAL



THIS 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 UNDESIRABLE OPERATION.

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

SERVICE MANUAL

This system contains 1 monitor, 1 power supply cable, and 4 sensors.

Installation (Recommendation: Monitor needs to be powered on before installation of sensors)

a. Monitor:

1. Place the monitor in the best view position.
2. Plug the power supply cord into the monitor and plug the other side of power supply connector into cigarette lighter.



Install the sensor

- Sensor is installed onto the inflation plug inside the rim. The sensor will detect tire pressure and temperature, and transmit information to the display monitor.

b. Sensors:

1. Take the vehicle to a repair/tire shop to dismount tire/wheel assembly.
2. Remove the original valve from the wheel.
3. Mount bottom bead of tire onto wheel.
4. Place sensor into valve stem opening.
5. Hand-tighten sensor with an 11mm socket. **
6. Mount top bead of tire onto wheel.
7. Inflate to proper air pressure and balance.

****Caution: Do not over tighten! 10 in pounds is the recommended torque specification. Over tightening can cause leaks or break the sensor.**

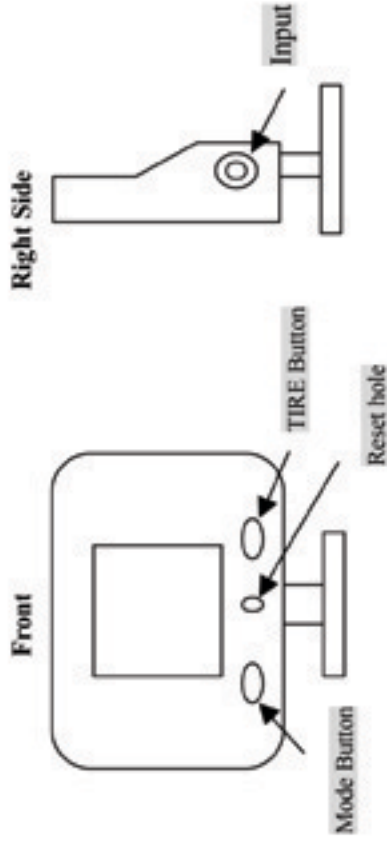
NO.1→FL
NO.2→FR
NO.3→RL
NO.4→RR



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-Description:

-Monitor diagram



-Monitor's Display Button operation function:

MODE Button (pressure/air temp): When pressure is at safe range (SAFE-P), the display will only show the tire temperature

1. When pressure is at normal or safe (SAFE-P), press this button to view:
 - a. The current tire pressure (ACT-P),
 - b. The high-pressure setting (SET-HP),
 - c. The low pressure setting (SET-LP),
2. Press to deactivate any alarm.

Reset Button (setting/enter): For internal setting

1. Press this button and hold for 2 seconds for reset.
2. Press this button for audible confirmation after each setting.

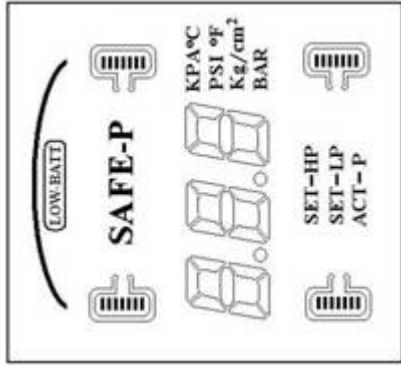
TIRE Button (checking other tires):

1. Press this button to check each tire's current temperature and pressure.
2. Press to deactivate any alarm.

Power Supply: Using the cigarette lighter for power, plug the power supply connector to the monitor's input.

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-Monitor's Display:



- KPA / PSI / BAR / KG / CM²**: PRESSURE UNIT
- °C / °F**: TEMPERATURE UNIT
- SAFE-P**: INDICATION OF TIRE PRESSURE AT SAFE RANGE.
- SET-HP**: INDICATION OF SETTING FOR HIGH TIRE PRESSURE VALUE
- SET-LP**: INDICATION OF SETTING FOR LOW TIRE PRESSURE VALUE.
- ACT-P**: INDICATION OF ACTUAL TIRE PRESSURE VALUE.
- LOW-BATT**: INDICATION OF LOW BATTERY CONDITION.

-EXPLANATIONS OF EACH POSSIBLE CIRCUMSTANCE WITH TIRE:

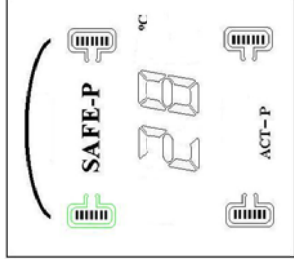
- 1.: When the power is on, the system will be at the detecting stage.
- 2.: Tire pressure at high-pressure condition.
- 3.: Tire pressure at normal condition (SAFE-P Will display at the same time).
- 4.: Tire pressure at low-pressure condition.
- 5.: Tire pressure has dropped dramatically.
- 6.: Sensor is out of order.

If tires register at 2, 4, or 5 described above, the monitor will warn you by beeping. By pressing "MODE", the beeping sound will automatically stop (the beeping sound will still be on if any of the above unforeseen circumstances still exist).

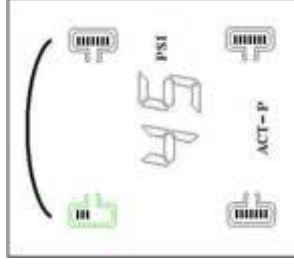
By pressing "MODE" button, you will also be able to see the current tire pressure, tire temperature, pre-set high-pressure value, and pre-set low-pressure value. By

pressing "TIRE" button it will enable you to choose and check the other tires.

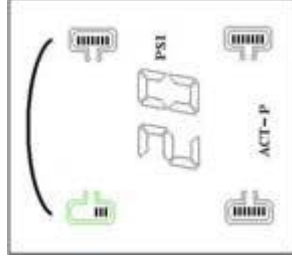
-Description of Monitor Display/Settings :



When the monitor is at (SAFE-P), it shows tire temperature only. Press "Tire" to view tire condition.



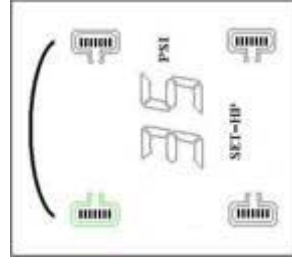
When tire pressure is high, the monitor provides an audible alarm. Press "Tire" to turn off the alarm.



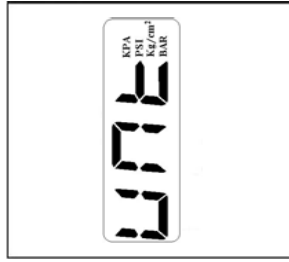
When pressure is low, audible alarm will sound. Press "Tire" to turn off the Alarm.



Entering internal setting
Press "Mode" to select settings.

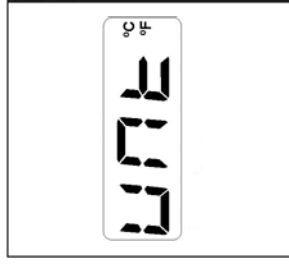


Pre-set high-pressure value.

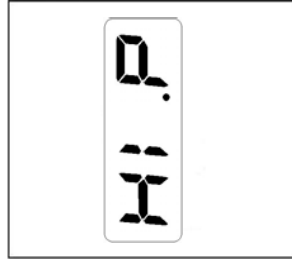


Choosing Pressure Unit.

Pre-set low-pressure value.



Choosing Temperature Unit.



Entering the setting for high-pressure reading.



Entering the setting for low-pressure value.



Entering the setting of ROTATION FUNCTION.

Adjusting Setting Modes:

To choose Pressure Unit (PSI, KPA, KG/CM², or BAR):

- a. Press "RESET" button and hold for 2 seconds until "ESE" is showing on LCD screen.
- b. Press "MODE" button 3 times until "UNITE" showing.
- c. Press "TIRE" button for preferred unit (PSI, KPA, KG/CM², or BAR).
- d. Press "RESET" for confirmation (you will hear the alarm beep 3 times).
- e. Finally, press "RESET" again to quit the program and to set to stand-by mode. (alarm will beep 3 times again)

To choose Temperature unit (°C or °F):

- a. Press "RESET" button and hold for 2 seconds until "ESE" is displaying on the LCD screen.
- b. Press "MODE" button 4 times until "UNITE" is displaying on the LCD screen.
- c. Press "TIRE" button for preferred temperature unit (°C or °F).
- d. Press "RESET" for confirmation (you will hear the alarm beep 3 times).
- e. Finally, press "RESET" again to quit the program and to set to stand-by mode. (alarm will beep 3 times again)

TO SET A LOW PRESSURE READING: (applicable to specific tire or all tires)

- a. Press "RESET" button and hold for 2 seconds until "ESE" displays on the LCD screen.
- b. Press "MODE" button 6 times until "LO.P" displays on the LCD screen.
- c. Press "TIRE" button to select tire for this setting.
- d. Press "MODE" button to confirm the selection (Pressing and hold "MODE" button for all tires selection. Then , release the button.)
- e. Now, press "TIRE" button for ↓ pressure reading.
Press "MODE" button for ↑ pressure reading.
(Press and hold "TIRE" or "MODE" button for automatic run-up.)
- f. After setting, press "RESET" button for selected confirmation (alarm will beep 3 times).
- g. If desired, repeat steps c. to f. for the next tire.
- h. Finally, press "RESET" again to quit the program and to go back to stand-by mode. (alarm will beep 3 times again)

TO SET A HIGH PRESSURE VALUE: (applicable to specific tire or all tires)

- a. Press “**RESET**” button and hold for 2 seconds until “ **ESE** ” shows on the LCD screen.
- b. Press “**MODE**” button 5 times until “ **Hi P** ” shows on the LCD screen.
- c. Press “**TIRE**” button to select tire for this setting.
- d. Press “**MODE**” button to confirm the selection (Press and hold “**MODE**” button for all tires. Then release the button.)
- e. Now, press “**TIRE**” button for ↓ pressure reading.
Press “**MODE**” button for ↑ pressure reading.
(Press and hold “**TIRE**” or “**MODE**” button for automatic run-up.)
- f. After setting, press “**RESET**” button for selected confirmation (alarm will beep 3 times).

If desired, repeat steps c. to f. for the next tire

- h. Finally, press “**RESET**” again to quit the program and to go back to stand-by mode (alarm will beep 3 times again) .

ROTATION FUNCTION: Commonly, the tires will ideally need to be rotated after a

- period of time. The sensors are still able to function once the tires have been rotated.
- a. Press “**RESET**” button for 2 seconds until “ **ESE** ” is displayed on the LCD screen.
 - b. Press “**MODE**” button 2 times until “ **CHG** ” shows on the LCD screen.
 - c. Press “**TIRE**” button to select the rotated tire.
 - d. After the selection of the 1st rotated tire, press “**MODE**” button to confirm.
 - e. Then, Press “**TIRE**” for the 2nd rotated tire.
 - f. Press “**MODE**” button for confirm (alarm will beep 3 times).
 - g. Finally, press “**RESET**” again to quit the program and to go back to stand-by mode (alarm will beep 3 times again) .

NOTE: This Rotating Function is only applied to 2 tires at a time. If you need to rotate more than 2 tires, please repeat this process for the next set.

SPECIFICATIONS

Monitor		Sensor	
Dimensions	8.8H,2.5D,7.0W(cm)	Dimensions	1.8H,3.5D,5.5W (cm)
Weight	3.25 oz.	Weight	1.03 oz.
Power requirements	DC 12V	Battery Life	Over 3 years
Frequency	433.92Mhz	Frequency	433.92Mhz

※ Specifications are subject to change without notice.

Problems & Solutions:

Problems	Solutions
Monitor Screen is blank	Check if the power supply is connected to the cigarette lighter and the monitor’s input.
Monitor Screen showing unusual display	Unplug the power supply from the monitor and plug-in again.
Monitor Screen only shows tire track signs	Sensor failure(please contact representative or distributor).