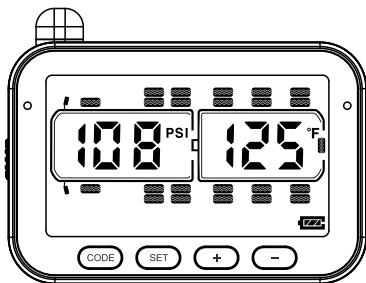




Wireless Tyre Pressure Monitoring System Users' Guide

Item No.: GT107-1



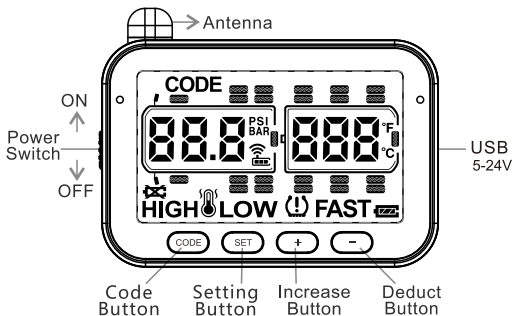
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1. Product Components

Item	Quantity
Display	1pcs
Power Cable	1pcs
Suction cup	1pcs
Dashboard Mount	1pcs
Sensor Number Sticker	1pcs
Users' Guide	1pcs

2. Button and Icon Description

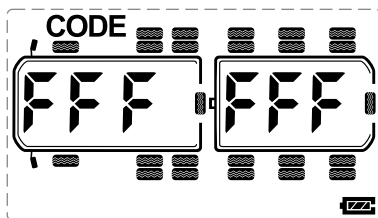


	Tyre Icon		Sensor Low Battery Indicator
	Temperature Unit (select-able)		Monitor Battery Voltage Indicator
	Pressure Unit (select-able)		High Temperature Alert
	Pressure Alert Icon		Repeater Indicator

3. System Programming


1) Wireless Programming

Step 1: When monitor is in standby working mode, press and hold “CODE” button for about 3 seconds, release until there is a beep. An “FFF FFF” will be displayed as below to indicate no sensor has been programmed to the current tyre.

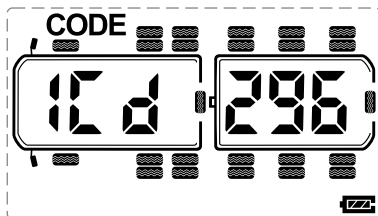


Step 2: Select the desired tyre icon by press button + or -.

Step 3: Press “CODE” button, the tyre icon you have chosen will flash together with the “CODE” and a red LED will be on.

Step 4: Hold the sensor onto the top of the monitor (next to the CODE  label). You will hear a beep and the sensor ID code displayed on the screen.

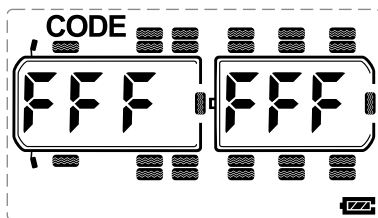
Or, if there is a double beep to indicate program failed: Try Step 3~4 again to work on the sensor until the monitor displays the sensor ID.



STEP 5: Press button + to work on the next tyre, or hold and press button “CODE” for 3 seconds to store the operation.

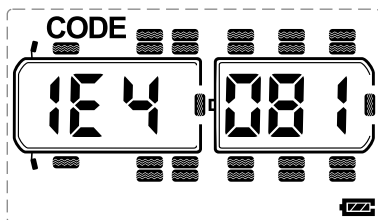
2) Inflation Programming

Step 1: When monitor is in standby working mode, press and hold “CODE” button for about 3 seconds, release until there is a beep. An “FFF FFF” will be displayed as below to indicate no sensor has been programmed to the current tyre.



Step 2: Select the desired tyre icon by press button + or -.

Step 3: Install the sensor on the tyre you want to work on. You will hear a beep and the sensor ID code displayed on the screen.



The system will return to standby working mode if the monitor has not received the sensor ID code immediately without audible alert.

Try Step 1~3 again and take off the sensor from the tyre and try the above operation until you see the ID code on the screen.

Step 4: Press button + to work on the next tyre, or hold and press button "CODE" for 3 seconds to store the operation.

TIPS:

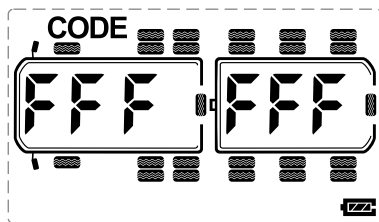
1. One sensor could only be programmed to one tyre icon, if programmed one sensor in two or more times on different tyres, monitor will memorize the latest tyre location.
2. Press button + and - simultaneously to stop programming and return to standby working mode without saving the operation.
3. Delete sensor ID and all sensor ID could be operated in this operation too. Details please refer to the instructions below.

4. Delete Sensor ID Code

1) Delete Single Sensor ID Code

Step 1: In standby working mode, hold and press button CODE for about 3 seconds, release after a beep. There will be an “FFF FFF” or a six digits ID code displayed on screen.

Step 2: Select the desired tyre icon you want to delete by + or - button. Hold and press button - for about 3 seconds, release after a beep. The sensor ID is deleted.



2) Delete All Sensors ID Code

Step 1: In standby working mode, hold and press button CODE for about 3 seconds, release after a beep. There will be an “FFF FFF” or a six digits ID code displayed on screen.

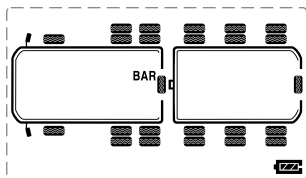
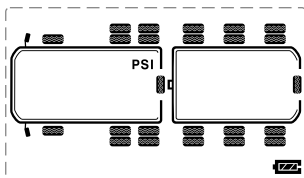
Step 2: Hold and press button -, DO NOT release until you hear the DOUBLE beep, all the sensors ID has been cleared.

Step 3: Shortly press button SET to save the above operation and return to standby working mode.

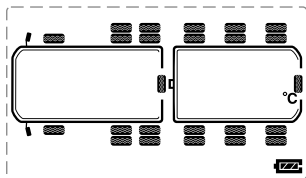
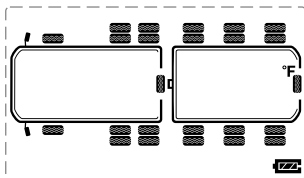
5. System Parameter Settings

In standby working mode, hold and press button SET for about 3 seconds, DO NOT release after a beep to do the parameter settings.

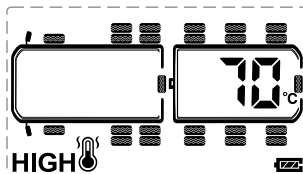
Step 1: Firstly you will see the pressure unit PSI or BAR flashes, press button + or - to select the unit you use.



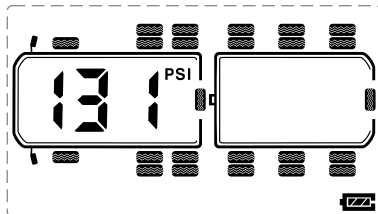
Step 2: After select the pressure unit, shortly press button SET to choose the temperature unit from °C or °F.



Step 3: After set temperature unit, shortly press button SET to set HIGH TEMPERATURE ALERT parameter, shortly press button + or - to set the desired temperature.



Step 4: Shortly press button SET then + or - to set the preference pressure (monitor will start to alert if the pressure was below or over 25% of the preference pressure). Then press button SET to switch to the next axle and do the same operations, after all the axles preference pressure setting, hold and press button SET for 3 seconds to store the settings, you will hear a beep.



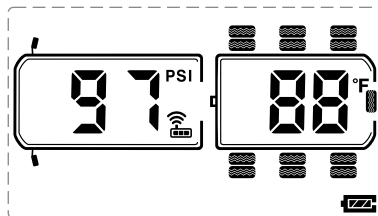
TIP: Hold and press button SET for 3 seconds to store the settings, you will hear a beep.

6. Hide/Show the Front Truck or Towing Vehicle Tyres

1) Hide/Show the Front Truck Tyres

Manually Operation: In standby working mode, hold and press button + for 3 seconds to hide the front truck. Press button + for 3 seconds again to show the front truck tyre.

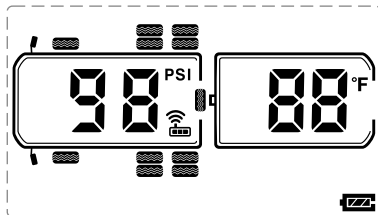
Automatic Operation: If the monitor does not receive hidden all the sensors' information for 15 minutes, the front vehicle tyre will be automatically.



2) Hide/Show the Towing Vehicle Tyres

Manually Operation: In standby working mode, hold and press button - for 3 seconds to hide the towing vehicle tyres. Press button - for 3 seconds again to show the towing vehicle tyres.

Automatic Operation: If the monitor does not receive all the sensors' information for 15 minutes, the towing vehicle tyres will be hide auto matically.



TIP:

1. When the truck or tow vehicle is hidden by long time sensor signal lost, the hidden vehicle part could be displayed again after sensor programming.
2. But when the truck or tow vehicle is hidden by manually operation, the sensor programming operation could not show up the hidden part. Please show up the hidden part by manually operation then start sensor programming.

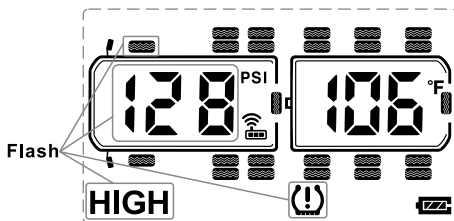
7. System Alerts

1) High Pressure Alert

Monitor will alert with beeps and visible warnings when the tyre pressure is 25% higher than the reference setting pressure.

For example:

If the current reference High Pressure Alert setting is 80PSI,
and now the tyre pressure is over 100 PSI ($80\text{PSI} \times 1.25$),
the monitor will alert.

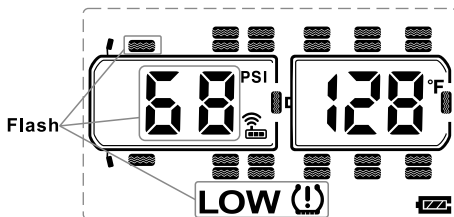


2) Low Pressure Alert

Monitor will alert with beeps and visible warnings when the tyre pressure is 25% lower than the reference setting pressure.

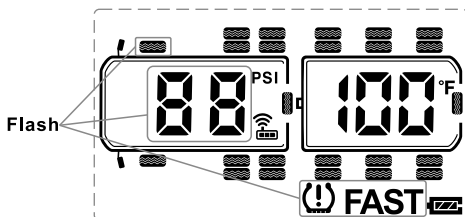
For example:

If the current reference Low Pressure Alert setting is 60 PSI,
and now the tyre pressure is lower than 60 PSI ($80\text{PSI} \times 0.75$),
the monitor will alert.



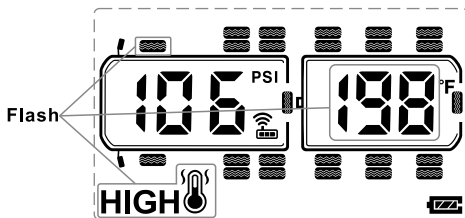
3) Fast Leakage Alert

If there is leakage in one tyre over 3 PSI within one minute, the system will alert.



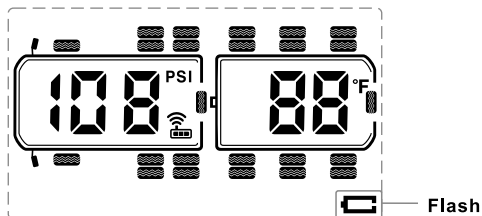
4) High Temperature Alert

When there is high temperature alert, the alert tyre icon and the HIGH  will flash with beeps.



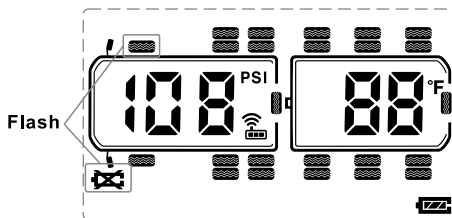
5) Monitor Low Battery Alert

When the monitor is low battery, the monitor battery indicator will flash as below. When the monitor is low battery, the monitor battery indicator will flash as below.



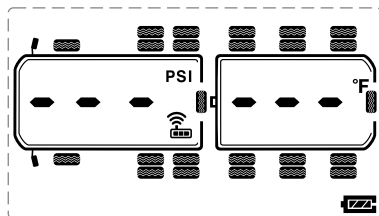
6) Sensor Low Battery Alert

When a sensor is low battery, the tyre icon and sensor low battery icon will flash as below.




7) Lost Sensor Signal

When the monitor has not received one of the sensor's signal for more than 1 hour, and the monitor data display rolls to the lost sensor, there will be a "----" displayed on screen, the "----" will be displayed for 5 seconds then roll to the next sensor.



TIP: Please stop the vehicle in a safety area to check the no signal tyre and the sensor. Try to reprogram the sensor to the tyre or contact with your local distributor.

8. Repeater

If the repeater is power on and works with the system, the icon “” will be displayed on monitor.

9. Factory Default Settings and Specifications

1) Factory Default Settings

Reference Setting Pressure	131PSI (9 BAR)
Monitor tire pressure range	0-188psi
High Pressure Alert	164PSI (11.3 BAR)
Low Pressure Alert	98 PSI (6.8 BAR)
High Temperature Alert	194°F
Pressure Unit	PSI (PSI or BAR select-able)
Temperature Unit	°F (°C or °F select-able)
Type of sensor battery	CR 2032

2) .Specifications

Pressure Range	0-188 PSI (0~ 13 BAR)
Working Temperature	-40°C ~ +80°C
Storage Temperature	-40°C ~ +85°C
Frequency	433.92MHz
Input Voltage	5~24V
Size	(LxWxH)99x76x25mm
Weight	118 g

10. Cautions

It is highly recommended to read the instructions below before install the system:

- 1.The monitor should be installed inside the vehicle where it does not affect normal driving.
- 2.The monitor should be well fixed to avoid falling off during driving.
- 3.The tyres' temperature and pressure will be increased while driving. The vehicle should be stopped if there is high temperature or high pressure alert in case of brake problem or flat tyre.
- 4.Driver should stop the vehicle and get off to check the tyre if there is fast leakage or the pressure goes up quickly in the tyre.
- 5.Be ware of flat tyre when there is high pressure, and take care of fuel consumption and balance while low pressure.
- 6.The system can effectively monitor tyre pressure and temperature but can not prevent traffic accident. Regular tyre inspection and maintenance is still necessary.
- 7.Be ware of driving safety while checking tyre data on the way of driving.
- 8.After the system is installed correctly, the driver does not need to stare at the monitor all the time while driving.
- 9.The monitor will be in sleeping mode to save battery life if the motion sensor detects the vehicle has stopped for a while. It will turn on automatically when it detects the vehicle is moving again. If one of the sensor data has not been display on the monitor at the beginning, the data will be displayed later when there is pressure or temperature changes.
- 10.The signal transmission from the monitor and sensors is wireless, a signal repeater is necessary for long vehicles and long trailers.
- 11.Due to the air expansion and contraction, the tyre pressure and temperature will change while driving.
- 12.There is normal tyre leakage in every tyre, TPMS will have no effect with the tyre pressure if the pressure data drops after long time driving.
- 13.Should you have any question or problem while or after installation, please contact with your local distributor.

11. Get Help

We promise 2-YEAR WARRANTY and 24/7 CONSIDERATE CUSTOMER SERVICE.

If you need us, please contact us via [US-support@guta-tech.com].

