

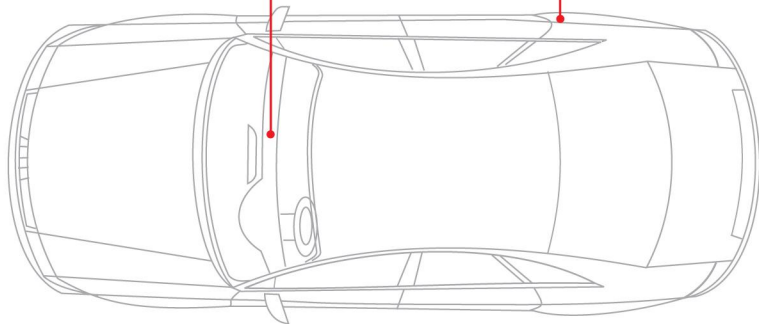
Graceful and elegant desktop design, multiple power supply modes, wonderful combination in designs

After market

1209B10

Tire Pressure Monitoring System

After Market



General Description

TPMS1209B10 is an aftermarket model, designed for cars. The system consists of desktop and flip-cover monitor and internal transmitters, which make it an ideal choice for customers with sense of fashion.

Product Functions

Alarm Functions

- High Temperature Alarm** issued when tire temperature exceeds 75°C
- Low Pressure Level 1 Alarm** issued when tire pressure is 12.5% lower than the standard pressure
- Low Pressure Level 2 Alarm** issued when tire pressure is 25% lower than the standard pressure
- Low Pressure Level 3 Alarm** issued when tire pressure is 50% lower than the standard pressure
- High Pressure Alarm** issued when tire pressure is 25% higher than the standard pressure
- Fast Leak Alarm** issued when pressure inside the tire drops more than 3psi within 12s
- Transmitter Trouble Alarm** issued when transmitter fails to work or there is RF interference
- Warning of Low Battery Power** issued when battery inside monitor has low power

Operation Functions

Switch Power Supply Mode Automatically: dual power supply modes, rechargeable battery and vehicle power through a lighter plug can be switched automatically to ensure full-time monitoring

Sleep Mode: the monitor will enter sleep mode for power saving when vehicle is static

Transmitter ID Programming: transmitter ID can be programmed for easy replacement

Standard Pressure Programming: standard pressure for each tire can be programmed on monitor

Tire Rotation on Monitor: when rotate tires, no need to detach transmitters from the tires, re-set their positions on the monitor can complete the rotation of transmitters

Product Features

- ◆ Monitor installed on dashboard, adjustable LCD display for easy screen view
- ◆ Large LCD with all needed information displayed
- ◆ Dual power supply modes with lighter plug and batteries for customer's choice
- ◆ Internal transmitters suitable for various wheel rims
- ◆ High-performance materials to ensure transmitters work properly under rough environment
- ◆ Stable performance and complete functions

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Parts

Monitor

- ◆ Flip-cover type monitor, adjustable viewing angle of LCD display
 - ◆ Large LCD with all needed information displayed
 - ◆ Display with backlight for easy view at day or night
 - ◆ Dual power supply modes with lighter plug and batteries for customer's choice
 - ◆ Easy button operation for programming and inquiry of functions
- Mid-frequency: 433.92MHz
Receiving Sensitivity: -95dBm
Input Voltage: 1.2V X 3
(Rechargeable Battery) 5V (Lighter Plug)
Operating Temperature: -30℃~+75℃
Dimension: 90x84x86mm



Transmitter

- ◆ Flattened design for application on various wheel rims
 - ◆ High-performance material ensures excellent moisture proof, anti-vibration and weather proof feature
 - ◆ Small but outstanding function for full-time monitoring of pressure and temperature
 - ◆ Quick response to improper tire pressure condition
- Mid-frequency: 433.92MHz
Transmitting Power: -20dBm
Pressure Monitoring Range: 0~8bar/0~116psi
Pressure Monitoring Precision: $\pm 0.1\text{bar}/\pm 1.5\text{psi}$
Operating Temperature: -40℃~+125℃
Battery Life: 5~7 years
Dimension: 79x59x23mm



Dual Power Supply Modes

Lighter plug and batteries. Monitor can switch the 2 modes automatically to ensure monitoring of pressure at anytime, safe and convenient.

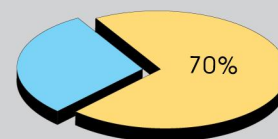


Benefits of Car TPMS to Customers

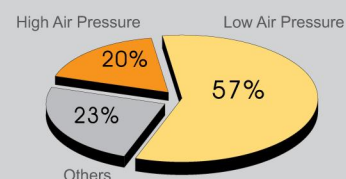
- ◆ Prevent tire bursting, reduce hidden danger on tire safety
- ◆ Reduce tire wear, extend tire life
- ◆ Reduce fuel consumption and lower vehicle operation costs for the enterprise
- ◆ Reduce pollution of exhaust gas to the environment, promote environmental protection
- ◆ Reduce the non-normal wear and tear of vehicle shock absorber, suspension parts and other related parts
- ◆ Keep tires under normal pressure, improve ride comfort of vehicles
- ◆ Maintain normal braking effect, reduce occurrence of accidents

Benefits for Distributors

- ◆ Enlarge the product ranges, enrich types of products of profitability
- ◆ Highlight the business sense of distributing automobile accessories, upgrade the level and image of store
- ◆ Enhance corporate brand image on safety and driving comfort



▲ Traffic accidents caused by tire bursting



▲ Tire bursting factors