

## Monitor Your Tires While You Drive!



Everyone knows that they should check their tires' air pressure but the truth is, most people don't. Improper tire inflation robs your car of fuel economy, reduces tire life and vehicle performance. A puncture or very low tire pressure can result in tire and wheel damage, vehicle damage or worse.

The SmarTire® monitoring system serves as an early warning device that continually checks tire pressure from the convenience of your driver's seat, while you drive. The system alerts the driver of small leaks, before they become big problems.

### SAFETY

The National Highway Traffic Safety Administration estimates tire failures contributed to 35,000 crashes in 1994. SmarTire's low pressure warning system detects small leaks before they become big problems.

### ECONOMY

Proper tire pressure helps preserve tire life and can save on fuel costs. SmarTire's monitoring products accurately check tire pressure to ensure optimal fuel economy and tire life.

### PERFORMANCE

A vehicle's performance characteristics require properly inflated tires. SmarTire products help maintain your vehicle's braking, handling and speed rating by insuring accurate tire pressure information.

### PROTECTION

SmarTire's monitoring system protects expensive wheels and tires. Modern "low profile tires" offer only a small buffer between the wheel and road surface. Low tire pressure can result in costly tire and wheel damage.

### CONVENIENCE

Checking your tire pressure has never been easier. SmarTire's state-of-the-art electronics alerts you when air is needed. The optional Full Function Display informs you of the tire pressure and the amount of air required.



## SmarTire Keeps You Informed With Wireless Technology

The SmarTire monitoring system features a wheel mounted sensor/transmitter that accurately gauges tire pressure and temperature. Tire information is transmitted via radio frequency from the wheel to a receiver located near the driver.

**VERSATILITY:** The modular design of SmarTire's products enable you to customize the system to fit your needs. Choose the basic system to provide early warning, featuring EZ installation with the lighter adapter. Add the digital real-time Full Function Display to monitor all tire data for up to 20 wheel positions, ideal for car, truck and trailer combinations.

**QUALITY:** Whatever system you choose, you can trust SmarTire quality. Since 1987, SmarTire has been developing tire monitoring solutions for the transportation industry.



### BASIC DISPLAY

The basic display offers a two-level visual LED and audible alert, providing early warning of a potential tire problem.

The compact receiver/display mounts easily to your dash, windshield or center console. No programming is required, just plug in the lighter adapter and the system is ready to go.

In the event of pressure loss an LED on the display will turn red identifying the problem tire. If further pressure loss is detected the second level audible warning will sound and the LED will flash a red warning.



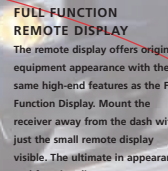
### POWER ADAPTER

The Power Adapter installs in your car in seconds providing a tidy look. Just clip the receiver/display to the adapter and plug the adapter into the lighter socket. When not in use the Power Adapter can be easily removed and stored in the glovebox.



### FULL FUNCTION DISPLAY

The Full Function Display clips on to the Basic Display and offers the advantages of an LCD display. The LCD display provides detailed tire pressure and temperature information for up to 20 wheel positions at the push of a button.



### FULL FUNCTION REMOTE DISPLAY

The remote display offers original equipment appearance with the same high-end features as the Full Function Display. Mount the receiver away from the dash with just the small remote display visible. The ultimate in appearance and functionality.

## Specialized Technology

SmarTire's pressure monitoring systems are designed and developed in conjunction with vehicle manufacturers and importers for dealer installation on new vehicle models.



SmarTire's engineering team will custom design display solutions to fit discreetly into the dashboard of a specific model or range of vehicles.



For specific wheels, SmarTire's sensor/transmitter has been adapted for valve installation.



## Technical Specifications

### BASIC RECEIVER

Power Consumption: Normal: 480 mW  
Max: 1.90 W  
Power supply: 12 volt  
Weight: 2.52 oz.  
Size: 3.1 x 2.8 x 0.87 in.  
Operating temp. range: - 40° to 185°F  
Pressure accuracy: +/- 1.5 psi



### FULL FUNCTION DISPLAY

Power Consumption: Normal - 230 mW  
Interrogation: 460 mW  
Max: 1 W  
Power supply: 12 volt  
Weight: 1.55 oz.  
Size: 2.8 x 1.7 x 0.75 in.  
Operating temp. range: - 40° to 185°F  
Pressure accuracy: +/- 1.5 psi  
Temperature accuracy: +/- 5.4°F



### STRAP SENSOR/TRANSMITTER

Weight: Approx. 1.48 oz.  
Size: 3.3 x 0.98 x 0.87 in.  
Operating temp. range: - 40° to 257°F  
Pressure accuracy: +/- 1.5 psi  
Temperature accuracy: +/- 5.4°F  
Battery Life: > 5 years  
Maximum: 78 psi



SmarTire Systems Inc. (SmarTire) develops and markets the world's most technically advanced tire monitoring systems for all sectors of the automotive and transportation industries.

Both the consumer and commercial markets require tire monitoring solutions that provide improved driving safety, performance, reliability and fuel efficiency.

As a technological leader in developing sophisticated tire monitoring solutions, SmarTire is working to satisfy this current demand while innovating for the future.

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**SMARTIRE**

**TIRE PRESSURE MONITORING SYSTEM**

