



WiPR Wireless Pressure Reader

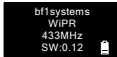
Quick Start Guide

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A device that enables the user to test BERU wheel sensors and gather diagnostic information.

Operation

- To turn the device on / off press ▼+ ● button together and hold (*auto power off after 2mins if no buttons are pressed*).
- Whilst powering up, the device will display the battery status in the bottom right hand corner.



- Once the device is powered up, hold it within 20cm of the tyre valve and press ● button (TRIGG) to trigger the sensor.



- Once the sensor has been triggered it will transmit data, and the tyre pressure screen will be displayed. The sensor serial number will also be displayed at the bottom of the screen.



- Press ▼ (MORE) to display the current tyre temperature.



- Press ▼ (MORE) to scroll to the next display that will show the sensor serial number, tyre pressure, temperature, RBL (Remaining Battery Life in months), sensor MODE and sensor generation.



Settings

You can access and change the settings of your device by pressing and holding ▼ for 2 seconds; this will give you the following options.

- **Mode**
The mode settings page allows the selection of 433MHz or 315MHz and LIVE or TRIGGERED operating mode. Select the correct receive frequency prior to triggering or listening for a wheel sensor. See lookup table for reference.

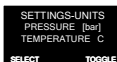


When the LIVE option is selected, the WiPR will receive datagram's from all BERU wheel sensors transmitting within the receive range. When the TRIGGERED option is selected; the WiPR will only receive datagram's triggered after the TRIGG button has been pressed.



Hold ▼ for 2 seconds to access the UNITS page.

- **Units**
To toggle between temperature and pressure press ▼
You can change either of these settings by pressing ●. This will toggle between °C / °F for the temperature, and bar / psi for the pressure.



Hold ▼ for 2 seconds to access the AUDIO page.

- **Audio**
You can toggle the LF transmission and RF reception audible indicators on and off.



Hold ● for 2 seconds to return to the operation screens at any time.

Battery Status and Charging

Should the battery voltage fall below a pre-defined warning limit the device will display a warning message accompanied by an audible warning. If the battery voltage falls below a pre-defined critical level the device will display a warning message accompanied by an audible warning, then the device will power off. To charge the WiPR, connect on mini USB lead with a suitable power supply e.g. Phone charger. Typical charge time is 2-3 hours. The device cannot be used while charging. If powered up whilst charging, the charging message will be displayed and the unit will automatically power off.

Error Messages

If a sensor is not triggered the unit shall indicate that no sensor data has been received.



Sensor errors are defined as either hardware and/or measurement errors:



Or the remaining sensor battery life is low.



Precautions

- Do not drop.
- Avoid storage in extremes of temperature.
- This device is not waterproof, do not immerse in water.
- Do not operate near a heart pacemaker.

Statement of compliance to FCC regulations

Section 15.19: Labelling requirements

This device complies with Part15 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.

Please note that any changes or modifications not expressly approved by BERU f1systems could void the user's authority to operate the equipment.

Manufacturer: BERU f1systems, Diss, UK
Part Number: F1-100-1290-003
Warranty: 12 months

For full technical data sheet visit:
<http://www.thewipr.com/>