

1. Product Introduction

The Repeater is designed to amplify the signal from your Bluetooth Low Energy TPMS (Tire Pressure Monitoring System) system sensors. In situations where the size of the vehicle and/or metal surfaces may obstruct signal reception, or interference prevents Android phone or iOS phone device from receiving a signal, the Repeater increases the sensors transmitting strength and distance.

2.Repeater Specification:

Voltage.....	12V/24V
Operating Humidity.....	90 %
MAX Operating Current.....	40mA Max. @ DC 12V
Storage Temperature.....	-40° to 125 °
Operating Temperature.....	-20° to 85 °
Sound Pressure (min.).....	80dB@30cm
Operating Frequency.....	Bluetooth Low Energy 4.0, 2400MHz~2483.5MHz
Transmission Power.....	4 dBm MAX
Receiver Sensitivity.....	< -85dBm
Transmitter Antenna efficiency.....	> 60%
Receiver Antenna efficiency.....	> 60%

3. Installation



Black wire(-): connected ground wire.

Red wire(+): connected 12V/ 24V.

The repeater is waterproof so it can be mounted anywhere that is convenient on or under the vehicle/trailer as required. It is best to try to place the repeater mid way between the sensors and the area where the phone/tablet/audio alert module will be used.

Wire the repeater to a 12 or 24 volt switched source. NOTE: Do not wire directly to the battery because this will cause the battery to be discharged if sitting for long periods as the repeater will always be on and drawing current.

**Please visit us at www.techbyBLU.com for warranty or troubleshooting issues.
Thank you for your purchase!**