

# [ TPMS B/T Adapter Manual ]



## ● DESCRIPTION



1. TPMS B/T Adapter is adapter for B/T communication TPMS with PAD.
  2. Connect the TPMS and TPMS B/T Adapter like as a picture for use.
  3. TPMS B/T Adapter is not used without TPMS.
  4. For the power ON, press the RED button at top right side of TPMS.
    - Red LED of top left side of TPMS is on,  
And, Red LED is on at top left side of TPMS BTA
  5. For the power OFF, Press the RED button about 3 seconds at top right side of TPMS.
    - The POWER LED of top left side of TPMS is off,  
And, Red LED is off at top left side of TPMS BTA
- AC/DC adapter is not supplied.

# ● TPMS B/T Adapter



ITEM	Specification	
POWER	DC 3.7V	<ul style="list-style-type: none"> <li>• Supply power from LI-ION BATTERY</li> <li>• BATTERY : 1,000mA 653745                             <ul style="list-style-type: none"> <li>- Charge : 0~45℃</li> <li>- Discharge : -20 ~ 60℃</li> </ul> </li> </ul>
Temperature	Active Temperature	<ul style="list-style-type: none"> <li>• Active : 0 ~ 40℃</li> </ul>
Power Consumption	Power	<ul style="list-style-type: none"> <li>• Status : Active ( Max. 180mA )</li> </ul>
Charge	DC 7V – 35V	<ul style="list-style-type: none"> <li>• Input power from DC-JACK pin</li> <li>• When TPMS connect to TPMS_BTA Both able to be charged.</li> </ul>
CPU	Main CPU	<ul style="list-style-type: none"> <li>• STM32F205RGT6(LQFP64) – STMicroelectronics</li> </ul>
	Processing speed	<ul style="list-style-type: none"> <li>• 32Bit Cortex120MHz</li> </ul>
	Internal Memory Volume	<ul style="list-style-type: none"> <li>• Flash 1M Byte, RAM 128K Byte</li> </ul>
	Interface	<ul style="list-style-type: none"> <li>• UART (TPMS/PC)</li> </ul>
BLUETOOTH	IC	<ul style="list-style-type: none"> <li>• BlueCore4 (BT 2.1+EDR)</li> </ul>
	Module	<ul style="list-style-type: none"> <li>• MBL0402E (12.9x10.xX2.2) – ADANIS</li> </ul>
	Interface	<ul style="list-style-type: none"> <li>• Communication with CPU by UART</li> </ul>
	Support ratings	<ul style="list-style-type: none"> <li>• CLASS2</li> </ul>
	Frequency	<ul style="list-style-type: none"> <li>• 2.4GHz</li> </ul>
Display	LED1	<ul style="list-style-type: none"> <li>• POWER ON/OFF / Low Battery warning / BT communication</li> </ul>
	LED2	<ul style="list-style-type: none"> <li>• Status of charging(charging/full charged)</li> </ul>



## **CAUTION:**

**RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.  
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**

**Changes or modifications not expressly approved by the party responsible for compliance  
Could void the user's authority to operate the equipment.**

**This device complies with part 15 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.**



### **NOTE:**

**This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:**

- Reorient or relocate the receiving antenna.**
- Increase the separation between the equipment and receiver.**
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.**
- Consult the dealer or an experienced radio/TV technician for help.**

**This product is CE marked according to the provision of the R&TTE Directive (99/5/EC). Here by G.I.T co., Ltd.. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC**

**CE 0678**