

Draft.

**TEC**

TEC Wireless LAN Module for B-SP2D Series

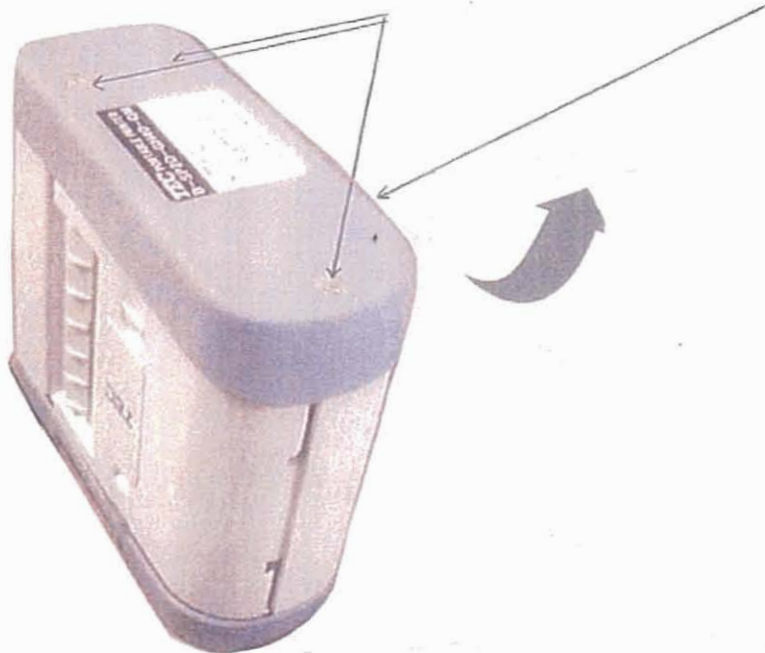
**TEC-WLM-R**

**Installation Manual**

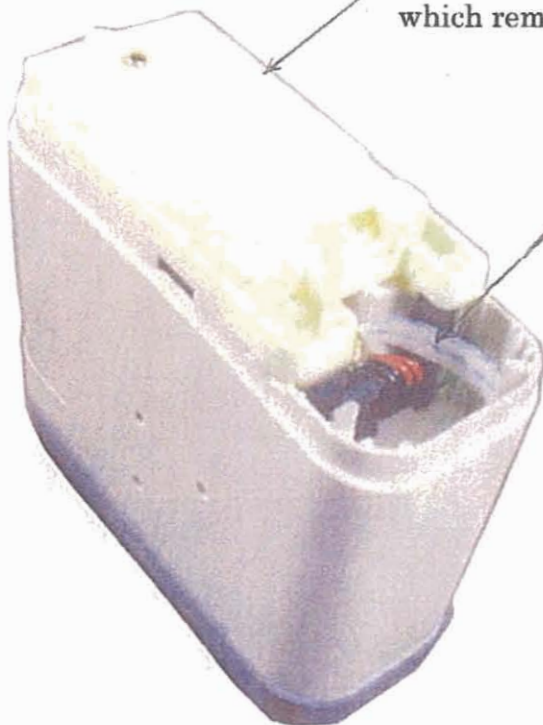
**TOSHIBA TEC CORPORATION**

## Procedure of attaching TEC-WLM-R into B-SP2D series

Three screws are removed and a bottom cover is removed.



TEC-WLM-R is attached in the space,  
which removed the bottom cover according to a boss.



A FPC ribbon cable is connected to TEC-WLM-R

A bottom cover is united to a Printer enclosure,  
and it secure with three screws.

# TEC

TOSHIBA TEC CORPORATION

PRINTED IN JAPAN

**Precautions for Handling of Wireless Communication Devices**  
**Bluetooth® Module: TEC-BTM-R (GH30 model)**  
**Wireless LAN Module: TEC-WLM-R (GH40 model)**

**Trade Mark**

Bluetooth is a trademark owned by Bluetooth SIG, Inc. and is used by TOSHIBA TEC CORPORATION under license.

**Cautions**

**General**

**For all countries and areas**

This product is a wireless communication device, and the use of this product is restricted to the following countries or areas. If the product is used in the countries or areas other than the following, you may be punished according to the laws of those countries or areas.

Japan, USA, Canada, Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, The Netherlands, United Kingdom, Switzerland, Norway, Iceland, Liechtenstein, Australia, New Zealand, Mexico

**For Europe**

**CE 0682**

Hereby, TOSHIBA TEC CORPORATION, declares that the TEC-BTM-R and TEC-WLM-R are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This equipment uses a radio frequency band that has not been harmonised throughout all EU and EFTA countries, and can be used in the following countries.

Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, The Netherlands, United Kingdom, Switzerland, Norway, Iceland, Liechtenstein



## Safety Precautions

EO1-33052

### For USA

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.

Changes or modification not expressly approved by manufacturer for compliance could void the user's authority to operate the equipment.

### For Canada

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment that is installed outdoors is subject to licensing.

### For safety

Do not use this product in locations where use may be forbidden, for example, in an aeroplane or a hospital. If you do not know the forbidden areas, please refer to and follow the airline company or medical institution guidelines.

Flight instrument or medical equipment may be affected, causing a serious accident.

Since this product uses extremely low power compared with mobile phones, it cannot possibly interfere the pacemakers and defibrillators. However, if the use of this product should be likely to have affected the pacemaker or defibrillator, immediately stop using the product and contact your TOSHIBA TEC sales agent.



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Do not disassemble, modify, or repair the product. Doing so may cause injury. Also, modification is against the Laws and Regulations for Radio Equipment. Please ask your TOSHIBA TEC sales agent for repair.

**Precaution in use**

This product communicates with other devices by radio. Depending on the installation location, orientation, environment, etc., its communication performance may deteriorate or devices installed near by may be affected.

Keep away from a microwave.

Communication performance may deteriorate or a communication error may occur due to the radio emitted from a microwave.

Since the Bluetooth and wireless LAN use the same radio frequency band, each radio wave may interfere with each other when they are used at the same time, causing a deterioration of communication performance or a disconnection of network. If there is any problem with connection, please stop using either Bluetooth or wireless LAN.

Do not use the product on a metal table or near a metal object.  
Communication performance may be deteriorated.

**TEC-BTM-R Specification**

- Bluetooth class 2
- Built-in protocol stack activated by Bluetooth V1.2 serial port profile
- Operating temperature: -5 to 50°C 25% to 85%RH (No condensation)
- Dimensions: 38.1 mm (W) x 25.4 mm (H) x 7 mm (D)

**TEC-WLM-R Specification**

- Built-in IEEE802 Part 11b/g (802.11b/g)
- Operating temperature: -5 to 50°C 25% to 85%RH (No condensation)
- Dimensions: 67.8 mm (W) x 36.8 mm (H) x 7.5 mm (D)