



**APPENDIX H**  
**: USER'S MANUAL**

# S512 RF Module(Rx) User Information

(Model Name: EAT63294901)

[ENGLISH]



## Contents

### 1. Overview and specification of the S512 RF Module(Rx)

- (1) Overview
- (2) Specification

### 2. Install Guide

### 3. Pin Description

### 4. Precautions

### 5. Customer Support

## 1. Overview and specification of the S512 RF Module(Rx)

### (1) Overview

This RF module is installed on the main board of the vacuum cleaner. It is a receiver that controls the vacuum cleaner by working with the transmitter which is installed on the handle of the vacuum cleaner using the 2.4GHz wireless band.

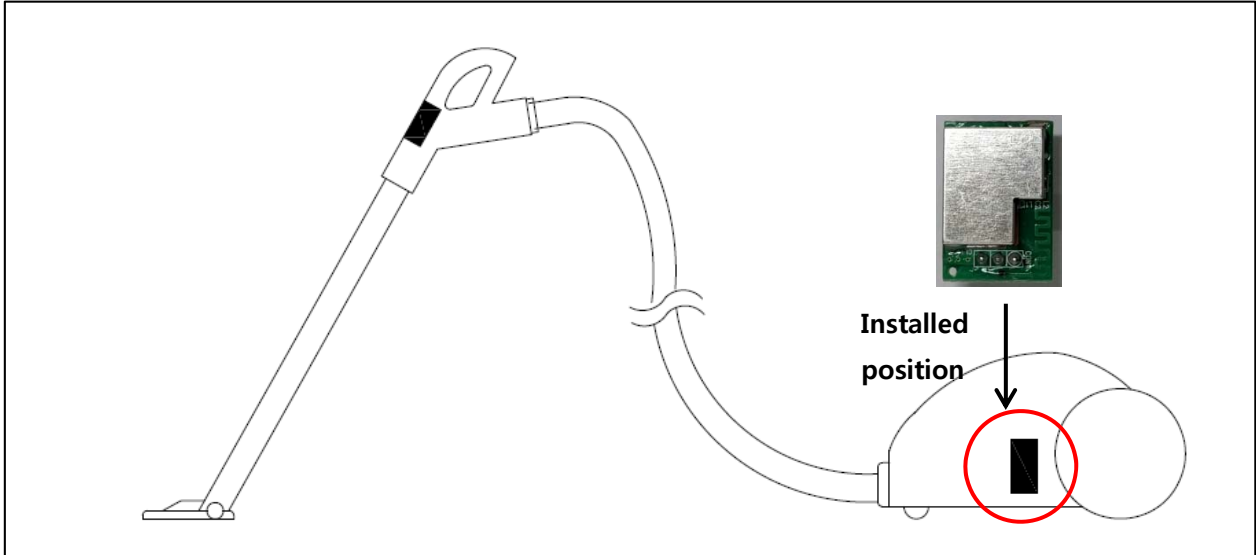
### (2) Specification

Categories	Details
Model No.	EAT63294901
Range of frequency	2405~2476 MHz
Channel	16 Channel
Transmission output	6 dBm
Reception sensitivity	-89 dBm
Weight	1.42g (Tolerance±0.5g, excluding battery)
Power source	DC 5V
Operational temperature range	0 °C ~ + 40 °C

## 2. Install Guide

Connector is connected to the body of the vacuum cleaner then inserted into the module.

Not an escape module, as shown below is mounted on the vacuum cleaner.



## 3. Pin Description

Pin No	Pin name	I/O	Pin Description
1	VBUS5	-	VDD 5V
2	GND	-	Ground
3	GND	-	Ground
4	GP2	I/O	UART_TX
5	GP10	I/O	WAKE-UP_OUT
6	GP4	I/O	UART_RX
7	DM	I/O	WAKE-UP_IN

Bottom view



#### **4. Precautions**

- (1) Start using the vacuum cleaner by first pairing it with the handle, as instructed in the user manual.
- (2) Do not dismantle or exert heat to the product.
- (3) Do not drop the product or exert extreme impact that may even cause the case to be damaged.
- (4) Do not immerse the product in water.

#### **5. Customer Support**

OHSUNG ELECTRONICS CO.,LTD. T.054-461-3647

## **Regulatory Notices**

### **1. FCC**

#### **FCC Statements:**

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.

#### **End Product Labeling**

The module is labeled with its own FCC ID Number. If the FCC ID Certification Number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. In that case, the final end product must be labeled in a visible area with the following:

"Contains FCC ID: BEJLGS512RX"

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module or change RF related parameters in the user manual of the end product.

#### **OEM Responsibilities to comply with FCC Regulations**

The module has been certified for integration into products only by OEM integrators under the following condition:

- The antenna(s) must be installed such that a minimum separation distance of at least 5 cm is maintained between the radiator (antenna) and all persons at all times.
- The transmitter module must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures. As long as the two condition above is met, further transmitter testing will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed (for example, digital device emissions, PC peripheral requirements, etc.).

**IMPORTANT NOTE:** In the event that these conditions can't be met (for certain configurations or co-location with another transmitter), then the FCC authorizations is no longer considered valid and the FCC ID Number can't be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining an authorization.

#### **Warning**

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

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

#### **Federal Communication Commission (FCC) Radiation Exposure statement**

The device and the antenna for this device must be installed to ensure a minimum separation distance of 20 cm more from a person's body. Other operating configurations should be avoided.