

User Guide of Bluetooth Dongle

Overview

Bluetooth Dongle is an interface converter for USB and Bluetooth. It is used for short distance wireless data transmission. Computers can be connected conveniently with Makeblock Bluetooth 4.0 devices by the Bluetooth Dongle.

Specifications

Operating Frequency Band	2.4GHz-2.48GHz unlicensed ISM band
Bluetooth Specification	BT4.0(Bluetooth Low Energy)
Output Power Class	Max.0.371dBm
RX Sensitivity	-90dBm
Operating Voltage	5V
Main Digital Interface	USB
Dimension	53.89*23.07*8.6mm, 9g

Absolute Maximum Ratings		
Rating	Min	Max
Storage Temperature	-40°C	+85°C
Operating Temperature	-20°C	+70°C
Supply Voltage: VDD	4.5V	5.5V

User Manual

1. Connect the Bluetooth Dongle to your computer.
2. Tap the button on the Bluetooth Dongle, the LED on it would flash quickly. (10Hz flashing).
3. Let the device which needs to be connected near Bluetooth Dongle until the LED on the Dongle keeps on.
4. If you need to connect other devices, repeat step 2 to step 3.



Bluetooth Dongle Status Description:

LED keeps on when it is connected.

LED flashes quickly (10Hz flashing) when it is matching.

LED flashes slowly (1Hz flashing) when it is on standby.

Notice:

The Dongle can be connected with Makeblock's Bluetooth devices only.

FCC STATEMENT :

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.

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

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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.