Operation Guide

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1. Insert the transmitter module into the 12-pin socket of this product. Make sure that the power switch is OFF before inserting it to avoid malfunction.

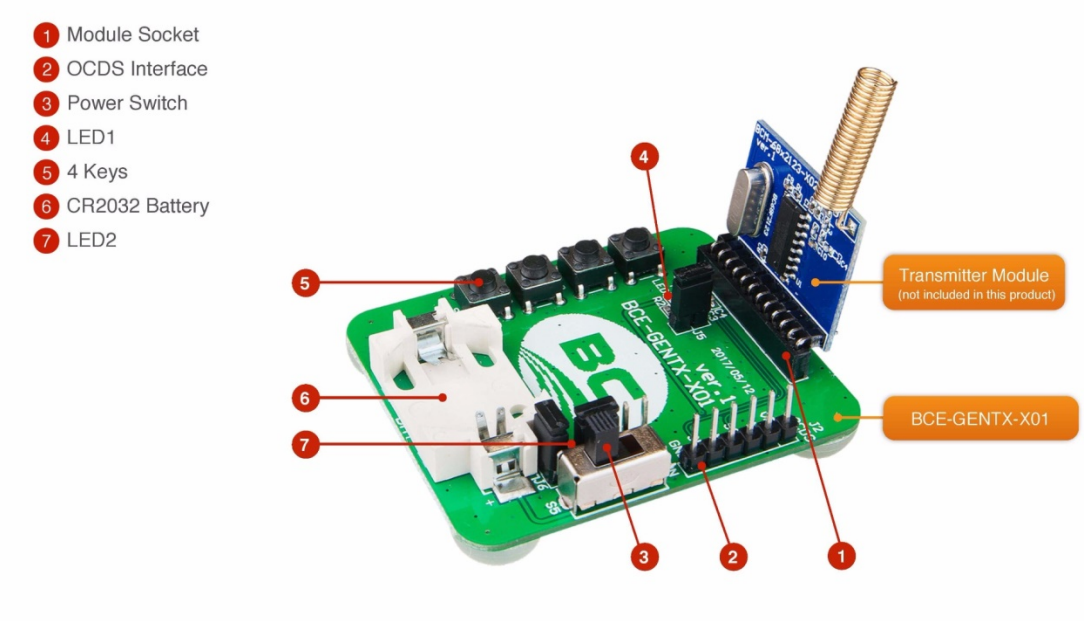
2. Insert a CR2032 battery and turn the power switch on. The MCU on the transmitter module will execute an initialization process and then enter the power saving mode.

3. When any button is pressed, the MCU is woken up to transmit the corresponding RF signal and turn on the LED. The press time should be greater than 40ms. If the press time is less than 40ms, it may be filtered as a noise and be ignored. Each time the press action is confirmed, the transmitter module will transmit signals twice.

4. After the pressed button is released, the transmitter module will stop transmitting the RF signal and turn off the LED. If no button is pressed for a period of time, the transmitter module will enter the power saving mode.

5. Troubleshooting: When the power is switched on with a proper battery inserted, the power indicator, LED2, should be turned on. If the LED2 is not illuminated, check the battery voltage level and power switch. Each time a button is pressed, the TX-LED will also be illuminated. If the LED is not illuminated, check whether the transmitter module is properly inserted into the socket.

Pin Function



Pin#	Name	Function
1	GND	Power Ground
2	Vdd	Power Supply
3	VddRF	Power Supply for RF circuit
4	OCDSDA	MCU OCDS data pin This pin is used in programming mode.
5	OCDSCK	MCU OCDS clock pin This pin is used in programming mode.
6	TX_LED	TX_LED driving pin, active low. When the transmitter module transmits a signal, this pin will be in a low state to turn on the LED.
7	KEY1	KEY1 pin When KEY1 is pressed, this pin will be in a low state.
8	KEY2	KEY2 pin When KEY2 is pressed, this pin will be in a low state.
9	KEY3	KEY3 pin When KEY3 is pressed, this pin will be in a low state.
10	KEY4	KEY4 pin When KEY4 is pressed, this pin will be in a low state.
11	Reserved1	Not used
12	Reserved2	Not used