

## **Operation Description**

This wireless keyboard gets power from 2AAA alkaline batteries or recharging batteries.

The main keyboard IC is HT82K68E48, and the ID code is stored in EEPROM (24C02).

The working frequency of RF IC NRF24L01 is 16MHz, and there are 77 channels in 2 groups hopping channels from 2.404GHz to 2.480GHz. 256 bits ID number allows the receiver to identify its keyboard.

There are three modes when the keyboard is in function, normal mode, idle mode and sleep mode. In normal mode, the power is not higher than 3V 10mA. When it is not in use for 3 seconds, it changes to idle mode, and the power is not higher than 3V 2mA. After 8 seconds in idle mode, it changes to sleep mode, and the power is not higher than 3V 20uA.