

1. Connect the USB port to the charging module to charge the battery.
2. Turn on the speaker, it will automatically enter the pairing mode, then activate the Bluetooth function of the device and connect.
3. After being matched with the machine, it will receive the modulated signal and output it to the loudspeaker and amplifier device after demodulation.
- 4 From USB to battery charging to battery DC 5V, from the key to the signal of the BT module. Line-in input HP-AMP output to D audio AMP, and then output to the speaker.

This product uses AC20BP03298-69D4 as the main chip. supports A2DP stereo playback, Hands-free Bluetooth HFP, wireless control Bluetooth (AVRCP) and other controller Bluetooth protocols, highly calculated echo and noise cancellation functions. supports APE, FLAC and other lossless decoding, built-in ADPCM encoder supports high-quality recording, USB connector, SD/ MMC connector; output power meets level 2 requirements

Wireless transmission distance> 30 meters

Sensitivity: -87dBm@0.1 %BER

Signal to noise ratio:

85dB @ 500mVrms

Audio distortion: <0.05% 500mVrms

#### Product Details:

This product is powered by a 3.7V 400mAH lithium battery. The power amplifier uses an F-band circuit built-in amplifier booster, and the output power is 3W THD1%. The product has the functions of LED flashing, LED indicating battery charging, voice prompts, FM reception (pre-installed with different frequency bands), phone calls, and USB interface to upgrade firmware. Built-in power management chip, when the product is charged via micro USB, the maximum charging current is 5V / 800mA

Working frequency: 2402-2480MHz

Modulation: GFSK,  $\pi/4$ DQPSK, 8DPSK

Antenna type: PCB antenna

Transmission rate: 1/2/3 Mbits / s

Number of channels: 79 channels

Antenna gain (peak value): 2.0 dBi