

Power Supply: AC 100-240 V 50-60Hz      DC 5V-1A

Speaker Impedance: 4Ohm

### **HX-P230A Wireless Launch Principle**

Include below main components : IC2 (HX6001) 、 U3 (HT6809) 、 U2 (LM358) 、 U1( bluetooth module, Oscillator 12MHz)、 USB2(mini USB socket)、 JK1(headphone jack)、 K1(power switch )、 S1(button)、 S2(button)、 S3(button)、 LED1(light diode)、 LED3(light diode), BAT(lithium battery).

Bluetooth audio circuit of the explanation: Will receive and decoding of U1 bluetooth audio signal the C4, C6 input to U2, after U2 magnification and high-pass filter output to U3 power amplifier, and then by U3 power amplifier output to the speaker. Through the S1, S2 control U3, to increase and reduce volume.S3 control U1,make its control music play/pause. LED3 for bluetooth indicator.

AUX audio circuit of the explanation: JK1 for external audio input port AUX, audio through input to the U2 C1 high-pass filter, and then by U3 power amplifier output to the speaker.

Charging circuit explanation:USB2 mini USB socket of the input DC5V supply IC2 first constant current 310 MA, again constant pressure to lithium battery charging 4.2 V.LED1 for charging indicator