

### PB-304 Wireless Speaker Working Diagram

The main Bluetooth chipset for PB-304 is IC (AC6905A), and its frequency is from the crystal of 24MHz. The Bluetooth chipset and the Bluetooth device mutually communicated with each other via the 2.4GHz frequency from the crystal. The Bluetooth main chipset arrange the modulation, decoding, and amplification for the signals from the antenna, and then transfer these processed signals to the amplifier to get them amplified. After doing so, then, we can hear the great songs

Besides the Bluetooth function, this wireless speaker supports aux-in and phone call functions. It is a great digital accessory for home and travelling use. The speaker should be charged by the micro 5 pin usb cable and the charger with its output voltage, DC 5V. When it is in use, the led indicating light can show the working status of the speaker. The buttons on the top of the speaker for selecting songs, controlling the volume, music playing, and making phone calls. It is designed based on the easy use concept. The working diagram is as below:

