

Circuit Description

1. Press "on/off" key, system electrify, turns on all power.

Bluetooth module (U1) enter searching status, LED(D1) indicating corresponding status. After find other Bluetooth devices, system finish matching quickly. Your mobile and PC's music signal will received by this bluetooth audio receiver, and signal outputted through internal decoding Under control of U1, signal will output to audio power amplifier(U5), then phonate by louder speakers. Press volume control button will help you adjust speaker volume, meanwhile the volume setting information will be saved in U1. A external crystal oscillator of 16MHz frequency as base clock signal source of the U1.

Technical Specification:

Tx Frequency range: 2402-2480MHz

Rated RF Output Power: 1mW

Modulation Type: GFSK, FHSS

Working Voltage: Battery DC 3.7V, Charging by USB port.