

Power Supply: AC 100-240 V 50-60Hz DC 5V-2A

Speaker Impedance: 4Ohm

DS-987B Circuit Instruction.

DS-987B is a 2.4 G wireless speaker including a main unit and two separate Speakers.

The Main Unit instruction:

The main unit includes the following parts and functions.

The signal of the Aux is sent by the module code to the 2.4G transmission Module after signal is Through AUX IN1(earphone socket) then through U4(SJ2253) and to volume control.

iPod Audio signal is send by the module code to the 2.4 G transmission Module after it is through the iPod(iPod socket) to U1(LM358) and U4(SJ2253) and to volume control.

U3(MC81F4316) is a MCU of the main unit, which is a main controller. It will control the U4(SJ2253)、U7(APPLE2.0C)、SW1(STANDBY Button)、SW2(Audio Button)、SW3(Forward button)、SW4(Next Button )、SW5(Pause Button)、SW6(Volume Down)、SW7(Volume Up)、LED5 (Aux indicator)、LED3(iPod indicator )、LED2(Power indicator)。 The SW1 is for pairing.

Separate Speaker Instruction:

The Separate Speaker includes the following main parts and functions: after send the signal to 2.4G transmission Module, U1(M62429), then after the volume control operation to the U4(LM4871) to the speaker. IC1(EMC5754) is for Lithium Battery charging, U5(FP6290) will increase the voltage to 5V. U2(78P153), the main controller of the MCU, can control the U1(M62429)、SW1(Standby Button)、SW3(Volume down)、SW(Volume up).