

Device function description:

Button definition: POWER PREV PLAY NEXT

Long press the POWER button to turn on the Bluetooth speaker, the boot mode sequence is TF card priority, and no TF card enters Bluetooth mode. Short press the POWER key to switch the working mode, the mode switching sequence is TF, BT, FM.

Enter Bluetooth mode to automatically connect back to the phone, and automatically shut down if Bluetooth is not connected within 10 minutes. After connecting to the mobile phone, control the mobile player by PREV, PLAY, NEXT keys. Long press the PLAY button to connect the Bluetooth speaker that in same name.

Enter MP3 playback mode, short press the PLAY button to play/pause the music, short press PREV to play the previous song, and short press NEXT to play the next song. Long press PREV to decrease the volume, long press NEXT to increase the volume.

Enter FM mode, short press the PLAY button to start searching. Short press PREV to the previous station, short press NEXT to the next station. Long press PREV to decrease the volume, long press NEXT to increase the volume.

Pls charge the Bluetooth speaker with a 5V or above charger, and the red light is on when charging. When the battery is low, the system will automatically shut down, please charge it in time; if you do not use the machine for a long time, charge it at least once every 2 months to protect the battery and extend its life time.

Frequency Range: 2402~2480MHz

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

Antenna Type: PCB antenna

Antenna Gain: 2 dBi

The function of main Components are mentioned as below:

1) U1 acts as Bluetooth IC (AC6969D)

2) Y4 acts as crystal 24MHz.