

Operational description

This device is powered by a 11.1V/4400mAH lithium battery, with a fast charging head /DC input of 5-20V The charging management circuit charges the lithium battery. The circuit mainly consists of the power supply section (MOS electronic switch, 5V, 3V3LDO and DC-DC boost, Bluetooth main control chip ATS2835P and IIS digital audio input The composition of the power amplifier chips in; The Bluetooth chip ATS2835P and the external 24MHz crystal oscillator form a frequency oscillator

The oscillation circuit outputs 24MHz to provide a clock for the system. The Bluetooth chip ATS2835P has built-in Bluetooth.

USB audio decoding, external AUX input, TWS connection; The ATS2835P chip outputs the number of IIS The audio signal is sent to the power amplifier core, outputting the left channel, right channel and bass channel.

Press and hold the "POWER" key on the panel for 2 seconds to turn on the power. The power will be turned on in Bluetooth mode, with the blue light flashing Search for "SKDY Barrel" on Bluetooth devices such as mobile phones, pair and connect, and open the mobile phone player to play Play music, press the "Pause" key to pause the playback of the music, briefly press the "-" and "+" keys to select the song, and long press the "-". The + key controls the volume.

When an AUX external audio source or USB is inserted, switch to the corresponding AUX/USB to play music and press The corresponding function keys control the music playback.

Operation Frequency:	2402~2480 MHz
Modulation Type:	BT: BT BR(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8DPSK BLE(1M PHY, 2M PHY): GFSK
Antenna gain:	-0.58dBi
Antenna Designation:	PCB antenna