

Di-465 Operation Description

- This product is a Bluetooth speaker, with the function of Bluetooth, and is powered with DC 5V 1A Charge the built-in aluminum battery
 - . The mainboard with a Bluetooth module AC6966B, Compliant with Bluetooth V5.1+BR+EDR+BLE.specification when received the Bluetooth audio signal, to AMP IC:XA9812B to directly drive the speakers.

RF Description(Bluetooth):

- frequency band: 2402~2480MHz
- antenna type: PCB antenna
- Crystal oscillator: 24MHz

BT

Device Type:	Bluetooth V5.1
Data Rate:	1Mbps for GFSK modulation 2Mbps for $\pi/4$ -DQPSK modulation 3Mbps for 8DPSK modulation
Modulation:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Operating Frequency Range(s) :	2402-2480MHz
Number of Channels:	79 channels
Transmit Power Max:	-1.88 dBm(0.000649W)
Antenna Type:	PCB Antenna
Antenna Gain:	-6.04 dBi
Power supply:	DC 5V from USB, DC 3.7V from battery

BLE

Data Rate :	1Mbps
--------------------	-------

Modulation:	GFSK
Operating Frequency Range:	2402-2480MHz
Number of Channels:	40 Channels
Transmit Power Max:	-2.90 dBm(0.000513W)
Antenna Type:	PCB Antenna
Antenna Gain:	-6.04 dBi
Power Supply:	DC 5V from USB, DC 3.7V from battery