

OPERATIONAL DESCRIPTION

This is an Bluetooth Speaker Alarm Clock with Fm Radio, Wireless Charging Station with Bluetooth single mode and wireless charging function.

The chip IC3 AC6965E acts as BT module, The crystal oscillator is 24MHz, The U4 UST2028 is LED display module, The crystal oscillator is 32.768kHz. The IC RDA5807 module has a crystal oscillator of 32.768KHz.

For more information, please refer to the user manual.

BT

Operation Frequency:	2402MHz~2480MHz
Bluetooth Version:	V5.3
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)
Modulation Type:	GFSK, $\pi/4$ DQPSK
Transfer Rate:	1Mbps/2Mbps
Number of Channel:	79
Antenna Type:	PCB antenna
Antenna Gain:	0dBi

Wireless Charger

Equipment Category:	Non-ISM frequency
Operation Frequency range:	115kHz~205kHz
Modulation Type:	Induction
Antenna Type:	Induction coil
Antenna Gain:	0dBi
Power:	Output: 15W(Max)