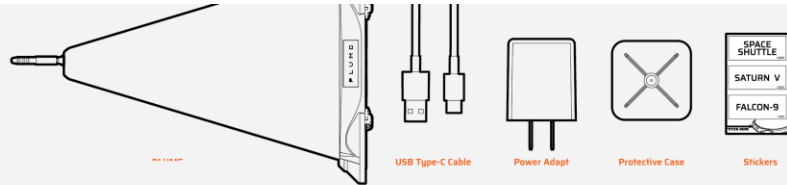
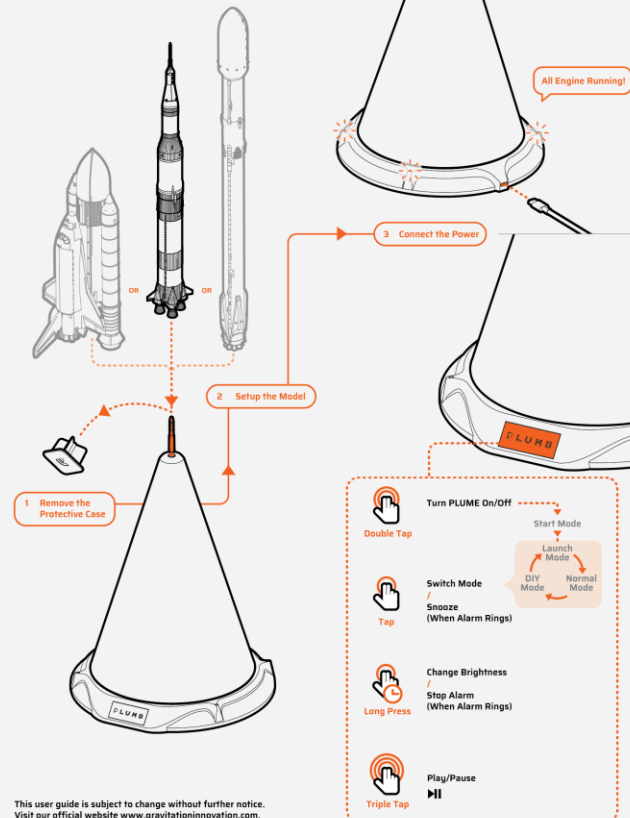


# User Manual

## What's in the Box?



## Get Started



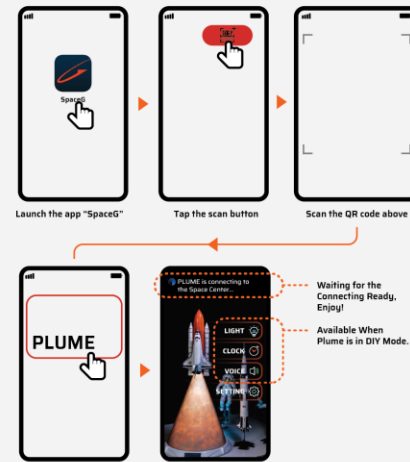
This user guide is subject to change without further notice. Visit our official website [www.gravitationinnovation.com](http://www.gravitationinnovation.com).

## Wireless Speaker



## Do More With "SpaceG" App

Download "SpaceG" app from [www.gravitationinnovation.com](http://www.gravitationinnovation.com) or APP STORE.



Operation Frequency:2402-2480Mhz(Bluetooth),which transmit by 79 frequency hopping signal between 2402MHz and 2480MHz ,(Channel Frequency=2402+1\*((k-1),k=1,2,3,...,79).

Antenna gain is 2dBi.

Modulation Type:GFSK ,n/4 DQPSK,BDPSK

Brief description of the working mode: After this Bluetooth module is powered on 3.3V power, the ARM MCU (GD32F130GBU6) starts working, reads the Serial Flash (BY25Q16A50IG) configuration information, and then controls the Bluetooth chip (RTL8761ATV) to send and receive Bluetooth signals. The Bluetooth chip requires a 40MHz crystal to provide an oscillating signal. This Bluetooth module can also provide UART, I2C, PIO/AIO, PCM/I2S, RESET interface for customers to choose to use.

## FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.