K6S/K7S operating instructions

The K6/K7 device transmits data over Bluetooth BLE in the 2.402-2.480GHz Bluetooth band. The Bluetooth chip is BP1048B from MVSILICON, which is compatible with Bluetooth BLE5.0 and has an air rate of 1Mbps BLE. The MCU in this system only provides data transmission function and logic processing of screen display.

The USB port is only used for power supply and cannot be used for data transmission. This system is only used to provide power. Therefore, the input voltage is 5V, and the display current is controlled at around 1.8A when the brightness is at the highest (full screen display of pure white), and the general display program data is between 200mA-800mA. A power bank can be used as its power supply to work.

he BP1048B is also responsible for displaying program data, dynamically refreshing RGB LEDs, and generating grayscales. All program data (animations, text, images) is stored on the FLASH. And read and displayed on the LED screen through the master control.

When the TYPEC head of K6S/K7S is plugged into the USB cable and powered on, it can be lit up. The LED screen displays the default animation program when there is no program data. Open the mobile phone LOY PLAY software (you need to turn on Bluetooth in advance), click Search Bluetooth on the APP software interface, connect to the K6S/K7S soft screen (the device ID number on the device label on the back is the name), after the connection is successful, you can control the display of the LED screen through the software, adjust the brightness, add programs and delete program data.

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.