Remote Control User Manual

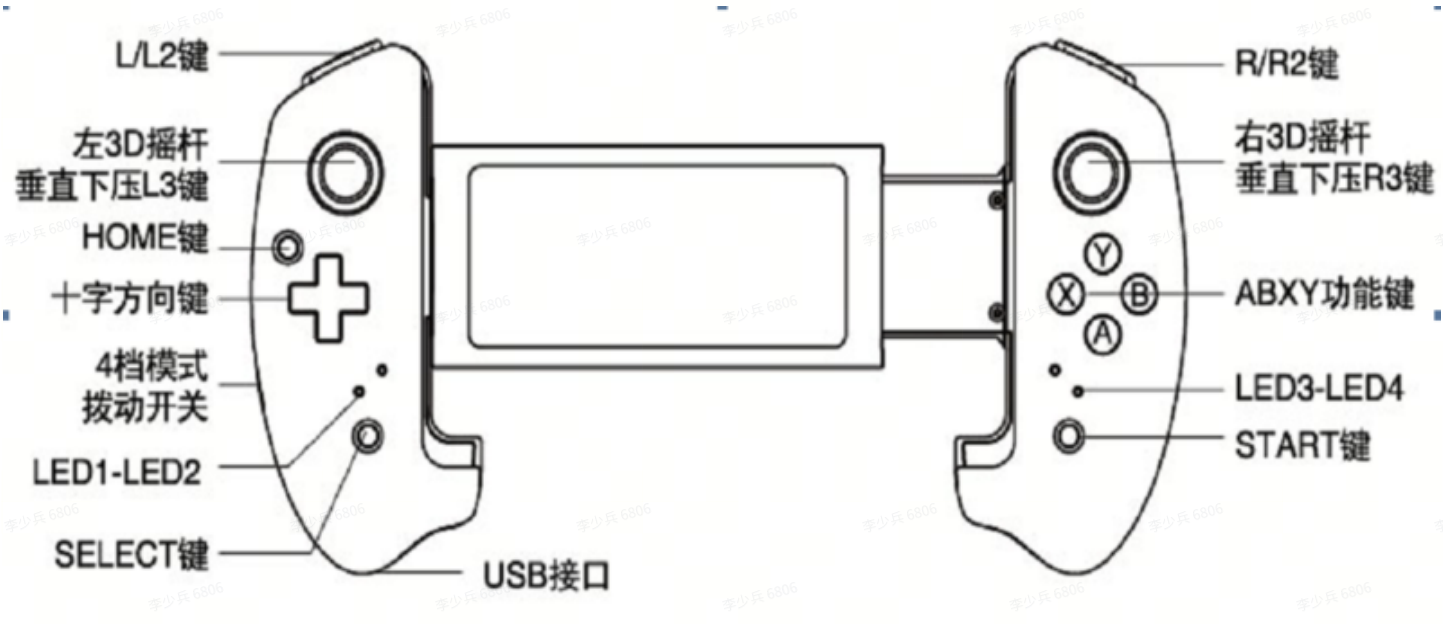
1 Product Physical Image

2 Product Specifications

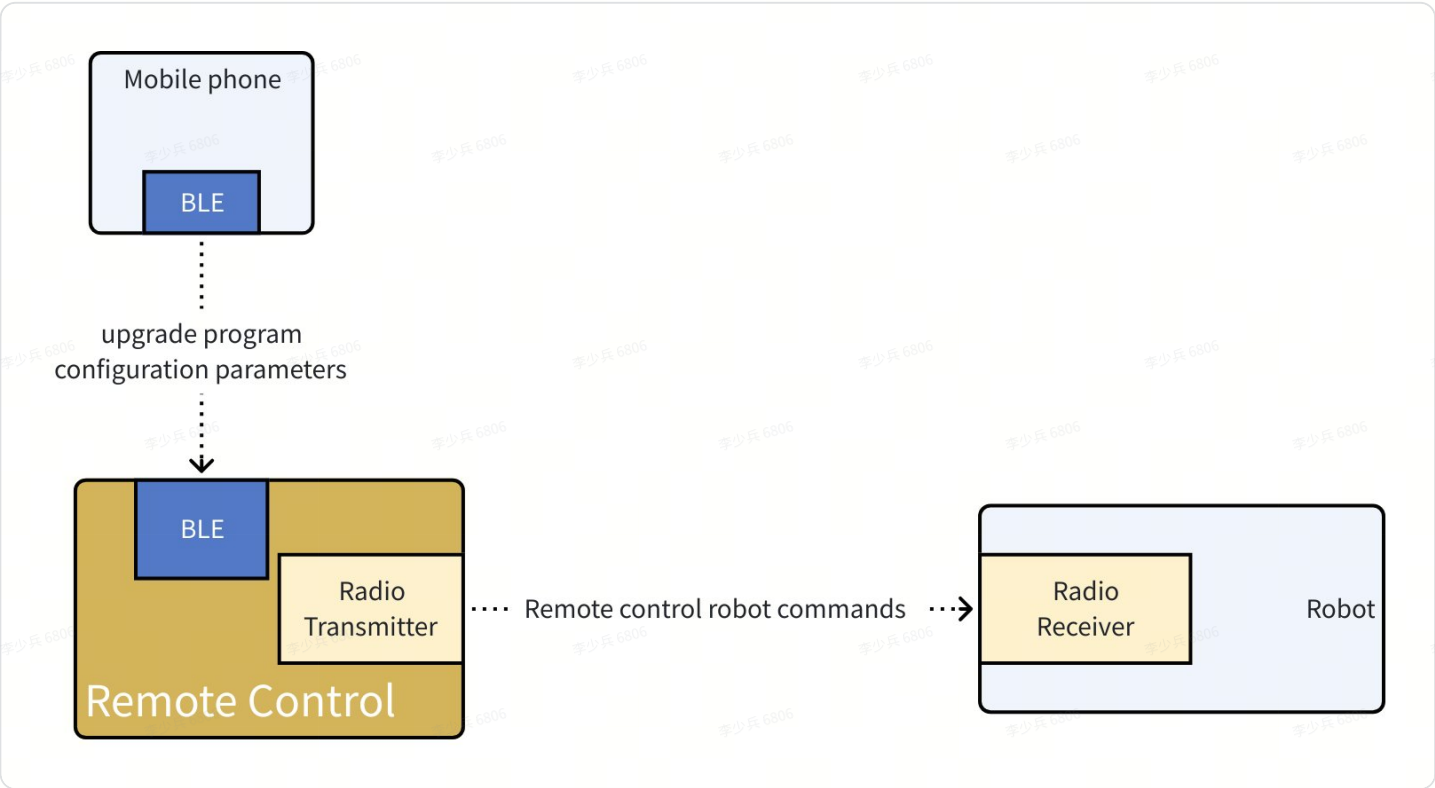
Item	Description	Item	Description
Product Model	Remote Controller	Operating Voltage	3.7V
Product Weight	252±5g	Operating Current	<100mA
Product Dimensions	L215.5*W127.9*H54.5mm	Shutdown Current	<15uA
Product Color	Main Color: Black	Battery Capacity	3.7V/800mAh
Operating Temperature	0°C to 60°C	Charging Voltage/Current	5V/1A
Storage Temperature	-20°C to 60°C	Charging Current	≤500mA

3 Basic Product Function Introduction

3.1 Product Key Definitions



3.2 Function Introduction



This Remote control adopts a dual-link wireless architecture, including a Bluetooth communication link and a remote control link. The two links have independent functions and clear division of labor, ensuring system reliability and ease of use.

- The Bluetooth communication link is mainly used for firmware program upgrade and remote control parameter configuration, supporting parameter reading/writing, firmware downloading and version updating, to realize device function iteration and flexible parameter configuration.

- The remote control link is dedicated to real-time delivery of remote control commands, undertaking robot motion control functions, including stable transmission of key control commands such as robot forward, backward, left/right steering and state switching.

4 Power On/Off and Charging Functions

4.1 Power On/Off Functions

- **Power On** : Long press the Home button for 5 seconds to turn on the device; all indicators LED1, LED2, LED3, and LED4 light up simultaneously when powered on; LED1 remains on after successful startup.
- **Power Off** : Long press the Home button for 5 seconds to turn off the device; LED1, LED2, LED3, and LED4 flash synchronously during shutdown; all indicators turn off after successful shutdown.

4.2 Charging Functions

- When the battery is low: LED2 flashes to remind.
- During charging: LED2 keeps flashing.
- When the battery is fully charged: LED2 turns to constant on.

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.