1.When you connect the set-top box Bluetooth, the remote control blue tooth key value, the Bluetooth module is not attached, the infrared key value；

2.In the infrared state: press and hold the button to continuously emit the code value, and the indicator light (red light) will not flash until it pops up or stops after one minute;

Bluetooth state: the indicator light (red light) is flashed once and pressed and long-pressed;

Bluetooth state: the indicator light flashes once and presses and holds to stay on;

3.Low Battery Reminder: When the power is less than 2.4V, The indicator flashes for 3 seconds, the frequency is 1Hz and the color of the indicator is red;

4.Pairing function: When the "Back" and " Home " keys are kept down for three seconds,while the LEDs are blinking，Flashing frequency 2Hz；The pairing distance is 20cm to 1.5m. If the pairing is successful, the red light of the remote control will be on for 3 seconds; If pairing fails after 30 seconds, the indicator light goes out.

Connection interval < 12ms；

Remote control distance >10m;

5.When the TV is turned on and started, check the upgrade file of the remote control. If there is an upgrade file, the remote control will be upgraded, and the light will flash as a breathing light. At this time, the remote control cannot be used, and any key has no response. After the upgrade is successful, the light stops flashing. At this time, the remote control can be used normally. If the upgrade fails, it will be detected and upgraded again at the next boot. After failure, the light stops flashing and the remote control returns to the old version for normal operation;

6.Bluetooth device Name:RC-40;   VID PID:0×314c 6b01.

Remote control key lock function

7.Long press the button on the remote control for 60s, the remote control stops sending codes; raise the button and it will return to normal status;

8．Connect back function

Keep the remote control connected with the TV for at least 1 hour at 4 meters without disconnection; When there is pairing information and the Bluetooth connection is disconnected, press any key to send the corresponding infrared code, send the back connection broadcast for 5 seconds, and the back connection success indicator flashes for 3 times. In the case of pairing information, the remote control will power on and

send the back connection broadcast for 5 seconds. The back connection is successful, and the indicator light flashes for 3 time.

9、 Bug Report

In IR mode: press and hold "Back +Center" and send 0x96 at the same time; press and hold "Back +Down" and send 0xD0 at the same time

Bluetooth mode: Press and hold the two buttons of "Back+Center" to send the Bluetooth key values of the two keys at the same time; Press and hold the "Back+Down" two buttons to send the Bluetooth key values of both keys at the same time

10.Sleep and wake up

When there is no data interaction, the remote control remains connected for 1 hour and then actively enters the sleep disconnection state. Press any key to wake up the remote control,

If it is still connected, send the Bluetooth code value of the corresponding key; If the Bluetooth connection is disconnected, it will enter the back connection state.

11.other remote control requirements:

1.The pairing feature requires that no Bluetooth devices be scanned or not paired up (including a continuous press pairing key for a short period of time), verify that ensure no problem;

2.BT Long connection: The remote does not actively disconnect the Bluetooth connection, disconnect if the return timeout to enter the deep sleep mode, the Next button to wake up the connection, no return to the problem, including the box power back, remote control power back, static 2 hour back, please verify that times to ensure no problems;

3.anti-jamming features require: there must be no problem with a very strong host WiFi throughput, make sure that the host side WiFithroughput is normal when the remote is connected;

4.Performance requirements: Require support ≤10m, there must be no voice calls Cotton, lost and the remote control button cotton, missing code or even key problems;

5.Power Requirements: Remote control can be used consistently for at least 6 months or more.

6.Speech Control：

1.Press the Voice key to start recording, the remote control receives the voice engine

issued stop recording instructions after stop recording;

2.After entering speech mode, the remote control actively quits speech mode after 30S (this is mainly to save power).

3.Voice protocol:Google.

7.Single carrier

Press and hold the (power+home) button to enter single carrier, center frequency: 2440GHz

8.The remote control needs to support Android 11 system