Manufacturer model No. : RF553A

1. 一般项目(General Items)

1.1、 Apply for: RF553A Remote Control

1.2、 Working Environment: 0℃~45℃、5％~80％RH

1.3、 Storage Environment:-20℃~60℃，5％~90％RH

1.4、 Test Environment:5℃~35℃、45％~75％RH、86~106Kpa

1.5、 Rating Voltage:DC3.0V

1.6、 Battery: R03/AAA x2pcs

1.7、 Weight：77g(Without battery)

1.8、 Dimensions：140*38*17mm

2. Product Drawing:

3. Start using:

1. Install the batteries

2. Power on

3. Pairing the remote to the TV

4. Function

LED Pattern definitions	[Blink] 250ms ON / 250ms OFF [Fast Blink] 150ms ON / 150ms OFF
1. Normal keys click (except MIC)	[LED behavior] - LED turns on during pressing the keys
2. Pairing	[Start] ① Press any buttons when bonding cache is NULL. ② Or Press and hold [Google Assistant] and [VOL-] key for 3 seconds [Pairing timeout] 30sec [LED behavior] - LED blink while pairing process - LED fast blink 5 times when pairing completion
3. UnPairing	[Start] - Press and hold [OPTION] and [VOL-] key for 3 seconds [LED behavior] - LED keep to light up fast blink 9 times when Unpairing completion [Operation] - Bonding cache clear and sleep 3sec later
4. Voice search	[Operation] - Hold to Talk [Google Assistant] [LED behavior] - LED turns on after ACK from host when voice search is ready - LED turns off after end of speech is detected from the host, or - LED turns off after 30 seconds of time out
5. Bug Report	[Operation] - Output the key code during pressing and holding [OK] and [BACK] [Code sending] - Send code: Case by IR : Refer to code table Case by BLE : Refer to code table
6. Talk Back (Accessibility shortcut)	[Operation] - Output the key code during pressing and holding [DOWN] and [BACK] [Code sending] - Send code: Case by IR : Refer to code table Case by BLE : Refer to code table
7. BLE/IR Switching	[BLE connected status]

	- Transmit the code by BLE(Except Power key code) [BLE disconnected status] - Transmit the code by IR [Note] - If key events occur the RCU must send the key code(*1)
8. Forced conversion (BLE to IR or IR to BLE)	[Operation] - Press and hold [RED] and [BLUE] key for 5 seconds [When Forced IR] [Google Assistant] : BLE send other Buttons : IR send [LED behavior] - LED keep to light up fast blink 9 times when converting completion [BLE recovery] - Method1: [RED] and [BLUE] key for 5 seconds Method2: Battery reset Method3: Unpairing
9. UVLO	If the RCU is in a low power state, it will shut down directly without warning (warning=LED blink). V_shutdown = 1.9V V_recovery = 2.3V
10. Battery level check	- The voltage is checked once every 8 seconds for 30 seconds after the button is pressed. - If the button is pressed again within 30 seconds, the time is extended by 30 seconds. - For the rest of the time, the voltage is checked once an hour. - The value of remaining voltage is kept at the lowest value. - If the lowest value is updated, it will be sent to the TV side. - Voltage detection is not done while the button is pressed or when IR is transmitted. - The remaining voltage will be initialized under the following conditions. (1) When the battery is removed or inserted (Hardware reset) (2) After pairing. (3) When the status is changed from deep sleep to wake.

[Warning]　The RF553A remote control is a low power RF device with an audit certificate, Without approval, the company, firm or user shall not change the frequency, increase the power or change the characteristics and functions of the original design. The use of low power RF equipment shall not affect flight safety or interfere with legal

communication; If any interference is found, it shall be stopped immediately and improved to no interference before continuing to use. The aforesaid legal communications refer to radio communications operated in accordance with the provisions of the Telecommunications Administration Act. Low power RF equipment must withstand interference from legitimate communication or industrial, scientific and medical electromagnetic radiation electrical equipment.

FCC

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.

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.

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

IC STATEMENT
This device contains licence-exempt transmitter(s)/receiver(s) that
comply with Innovation, Science and Economic Development
Canada's licence-exempt RSS(s). Operation is subject to the
following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference
that may cause undesired operation of the device
Cet appareil contient des émetteurs / récepteurs exemptés de
licence conformes aux RSS (RSS)d'Innovation, Sciences et
Développement économique Canada. Le fonctionnement est soumis
aux deux conditions suivantes :

(1) Cet appareil ne doit pas causer d'interférences.
(2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.

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