User guide for Remote Control RC3394003/01BR

The remote control has been programmed to control your set-top box and can be programmed to control your TV.

Installing Batteries

The remote requires 2xAAA batteries. A diagram inside the battery compartment of the remote indicates proper placement of the batteries. When batteries are properly installed, the light on the remote blinks each time a key is pressed

Know your Remote

The diagram below describes each key on your remote control. Functions may vary between different services. Refer to the user guide for your set-top box for descriptions of specific functions.

1 TV Power TV IR only	**2** INPUT TV IR only	**3** Power 0x21
4 INFO 0xA6	**5** RECORD 0x54	**6** GUIDE 0xC0
7 REWIND 0x51	**8** PLAY/PAUSE 0x52	**9** FAST FWD 0x53
10 Skip back 0x0F	**11** STOP 0x10	**12** Skip Forward 0x0D
13 NETFLIX 0x63		**14** FILMS 0x83
	15 UP 0x15	
16 LEFT 0x17	**17** OK 0x19	**18** RIGHT 0x18
	19 DOWN 0x16	
20 BACK 0x48	**21** HOME 0x47	**22** EXIT 0x61
23 VOL+ 0x23	**24** Google Asst **0x46**	**25** CH+ 0x33
26 VOL- 0x24	**27** MUTE 0x25	**28** CH- 0x34
29 Digit 1 0x01	**30** Digit 2 0x02	**31** Digit 3 0x03
32 Digit 4 0x04	**33** Digit 5 0x05	**34** Digit 6 0x06
35 Digit 7 0x07	**36** Digit 8 0x08	**37** Digit 9 0x09
38 Last 0xBB	**39** Digit 0 0x0A	**40** OPTION 0x43

Product Introduction

1) This RCU is transmitting IR and RF. There is a simple set up feature for TV/Home Theatre device.
2) The RCU can be set-up to control a RF or an IR STB (mutually exclusive).
3) The RF platform is BLE, using HOGP as the top layer.
   Before the RCU can control the STB, the RCU must pair with the STB first.

4) The IR protocol to control the STB is NEC. When RCU is not connected to any STB via BLE, MCU use IR to control STB.

5) When BLE is not connected, all the STB IR keys are transmitted through NEC IR protocol.
Custom ID is 0x1620.

Set STB Control Medium

1) Set to IR Mode:
Press <<MENU + 1>> simultaneously for 3 seconds.

2) Set to RF Mode:
Press <<MENU + 2>> simultaneously for 3 seconds;

3) Set dual-function Keys as TV Keys
Press << OK + 3>> simultaneously for 3 seconds;

4). Set Volume Keys as TV Keys:
Press <<MENU + 3>> simultaneously for 3 seconds.
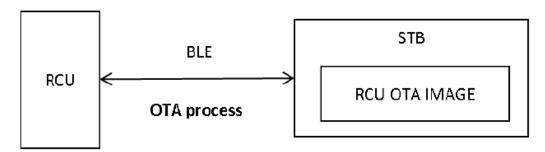
5). Set dual-function Keys as STB Keys:
Press <<MENU + 4>> simultaneously for 3 seconds.

Voice Function
1) Press and released <Google Assistant> key to open the voice function, RCU will close the voice function after receiving the stop command sent by the host.

2)When RCU is recording, the STB-LED is always on.

OTA

The RCU software supports upgrade via OTA (Over-The-Air).

From diagram above, the STB can transfer the RCU firmware by the BLE link.

The OTA process can be triggered by the user using the RCU or by the STB itself. The RCU OTA IMAGE need to be downloaded into the STB itself. After the OTA is completed, the RCU will have a new firmware.

Simple Setup
1) Simple Setup is a feature helps user to automatically set up the remote control via STB.

After being set by Simple Setup, the RCU will be able to control TV/AMP.
2) Below IR function could be configured to control TV through simple setup:

TV Power, TV input, TV Mute, TV Vol+ and TV vol-.
3) After a successful simple setup for TV, RCU will automatically set dual-function keys into TV mode

Battery Voltage Monitor
LVD check will be triggered after a signal key is released in user mode.
1.When the LVD is detected (battery voltage<2.3V);
2. While RCU works in BLE mode, it supports Bluetooth standard service of battery level notification. The paired host is then able to get battery level of the RCU.

Sleeping Mode
When no any activity need to do, the RC enters sleeping for power saving purpose. The sleeping
mode behaves as below:
1) All LEDs are off.
2) IR and RF communications are stopped.
3) Any key press will wake up the RC.

FCC ID:2AGOFRC339A

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.

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

Note: This product 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 product 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 product 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 Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut

fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.