



VIZIO

**Bluetooth remote control
&
BT USB dongle**

Manual

Kyung In Electronics Co., Ltd
Development Team

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Revision History

Version	Date	Originator	Change Description
0.1	2019.12.17	Thomas	Initial

1 Feature

XRT260 Bluetooth remote control

- 1.1 Remote control controls TV(Set-top box, Smart TV, etc).
- 1.2 It use BLE [Bluetooth Low Energy] 4.2
- 1.3 Using Profile : HOGP(HID Over GATT Profile)
- 1.4 Device name: KIE_RCUvXX(The last two digits of the version.)
- 1.5 Frequency range: 2.402GHz ~ 2.480GHz
- 1.6 RF output power: 0dBm (MAX 4dBm)
- 1.7 Voltage of Operating: 2.2V ~ 3.2V
- 1.8 Type of modulation: GFSK(Gaussian Frequency Shift Keying)
- 1.9 Channel spacing: 2MHz (40 channel)
- 1.10 Duty cycle: Very low duty cycle
- 1.11 Simplex/duplex: Full duplex
- 1.12 Declared (RF) interface on which the apparatus is intended to operate: BLE
- 1.13 ITU code

BT USB dongle

General Specification	
Chip Set	RTL8761BUV
Dimension	19.4 x 47.0 x 9.2 (mm)
Bluetooth Specification	Bluetooth V5.0 (Dual Mode : BR/EDR + Low Energy Controllers)
Power Supply	5 Volt DC
Output Power	10 dBm
Sensitivity	-94.5 dBm
Antenna	Internal
Interface	HCI
Profile	SPP, BLE (Standard) ANCS, HFP, A2DP, AVRCP, MAP(optional)
Temperature	-20°C to +70 °C

2 BLE Key Code Table & Design



No	Key Name	IR code	Key Code
1	INPUT	2F	0x2F (07)
2	POWER	08	-
3	VUDU	EC	0xEC (07)
4	NETFLIX	EB	0xEB (07)
5	PRIME VIDEO	EA	0xEA (07)
6	XUMO	6F	0x6F (07)
7	HULU	F9	0xF9 (07)
8	REDBOX	42	0x42 (07)
9	MIC	40	0xED (07)
10	WATCH FREE	F7	0xF7 (07)
11	SETUP	4F	0x41 (07)
12	▲(UP)	45	0x52 (07)
13	◀(LEFT)	47	0x50 (07)
14	OK	44	0x28 (07)
15	▶(RIGHT)	48	0x4F (07)
16	▼(DOWN)	46	0x51 (07)
17	BACK	4A	0x29 (07)
18	HOME	2D	0x4A (07)
19	CC	39	0x39 (07)
20	VOL +	03	-
21	VOL -	02	-
22	MUTE	09	-

3 BLE Pairing Process

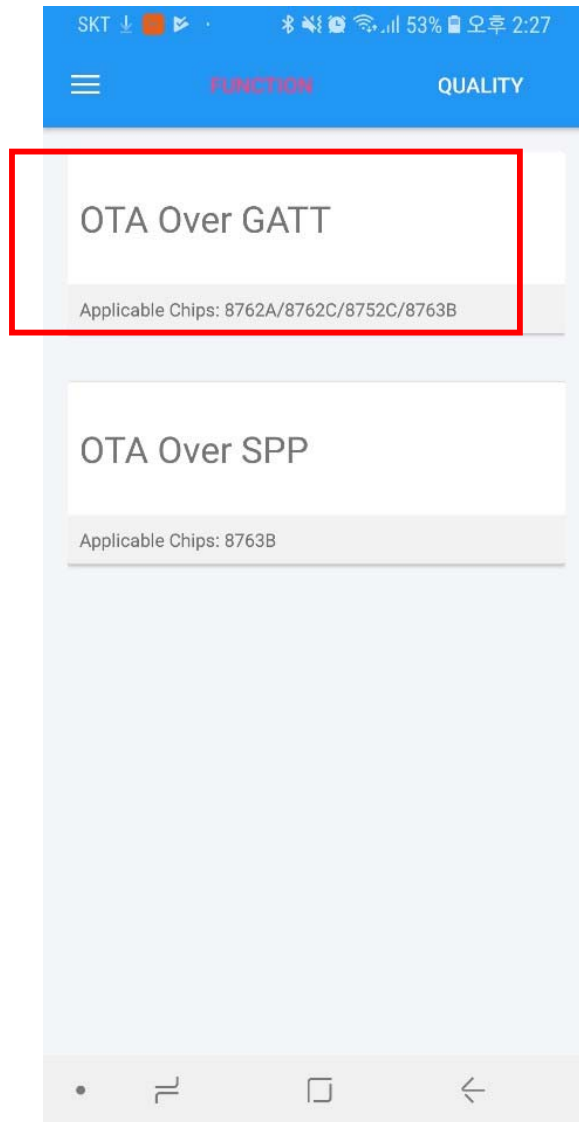
- Remote control automatically goes into pairing mode when batteries are inserted into a remote which is not currently paired

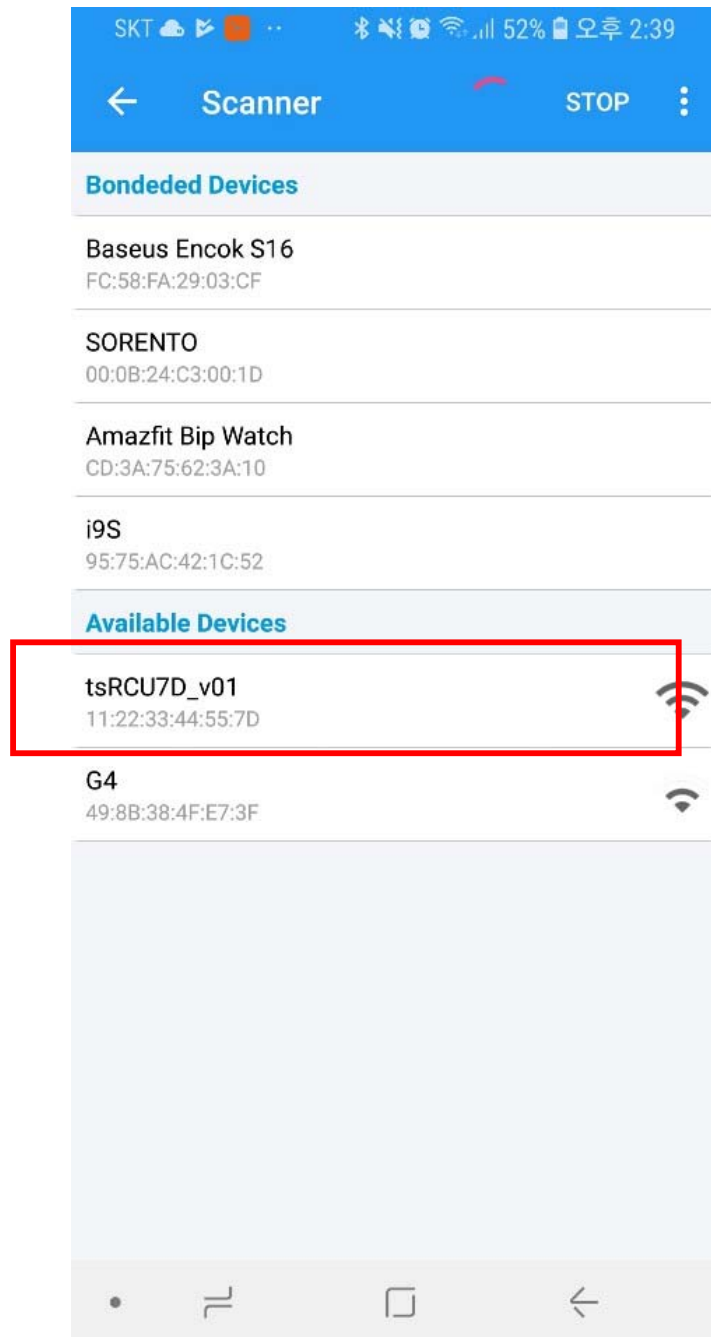
3.1 Press and hold [MIC] key and [MUTE] key for 5secs

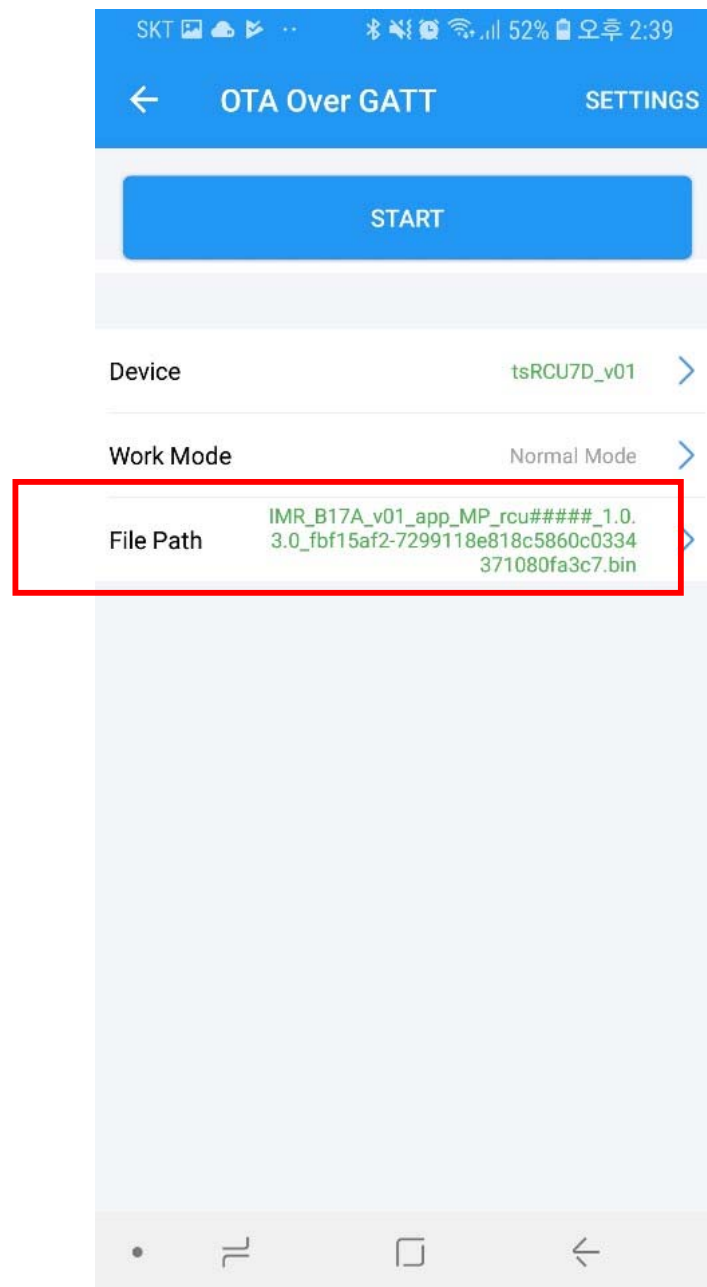
4 Factory default setting (un-pairing)

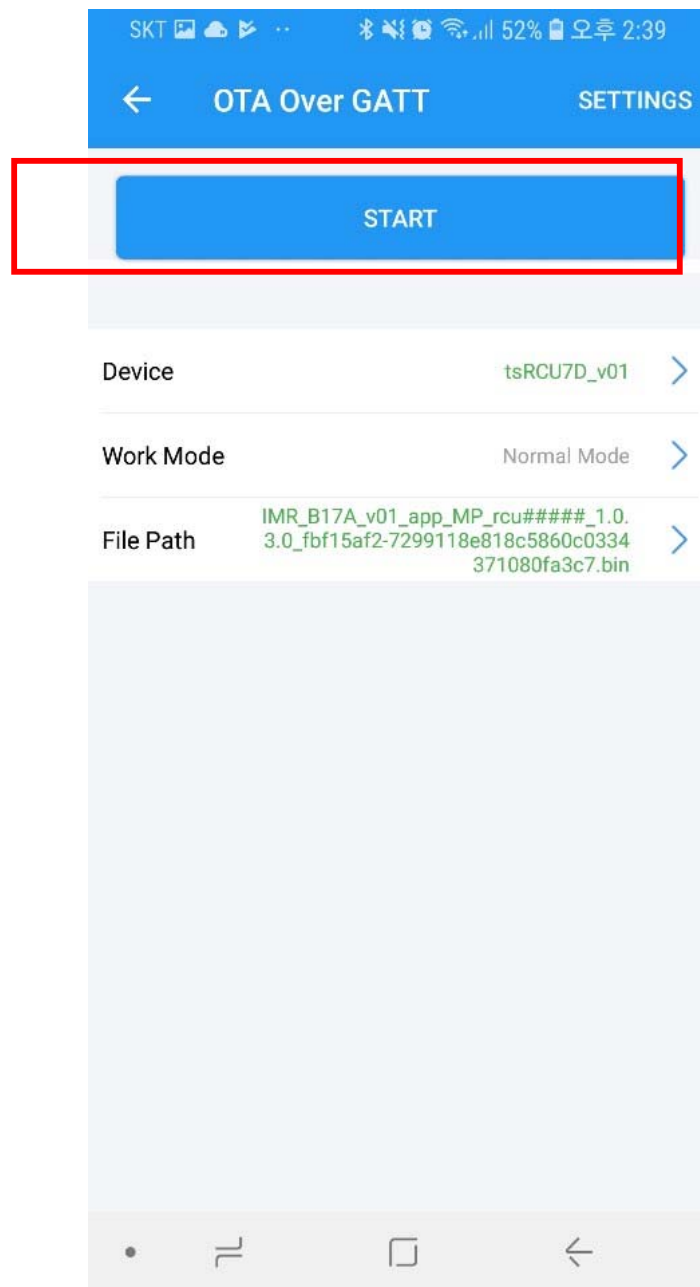
4.1 Press and hold [INPUT] key and [MUTE] key for 5secs

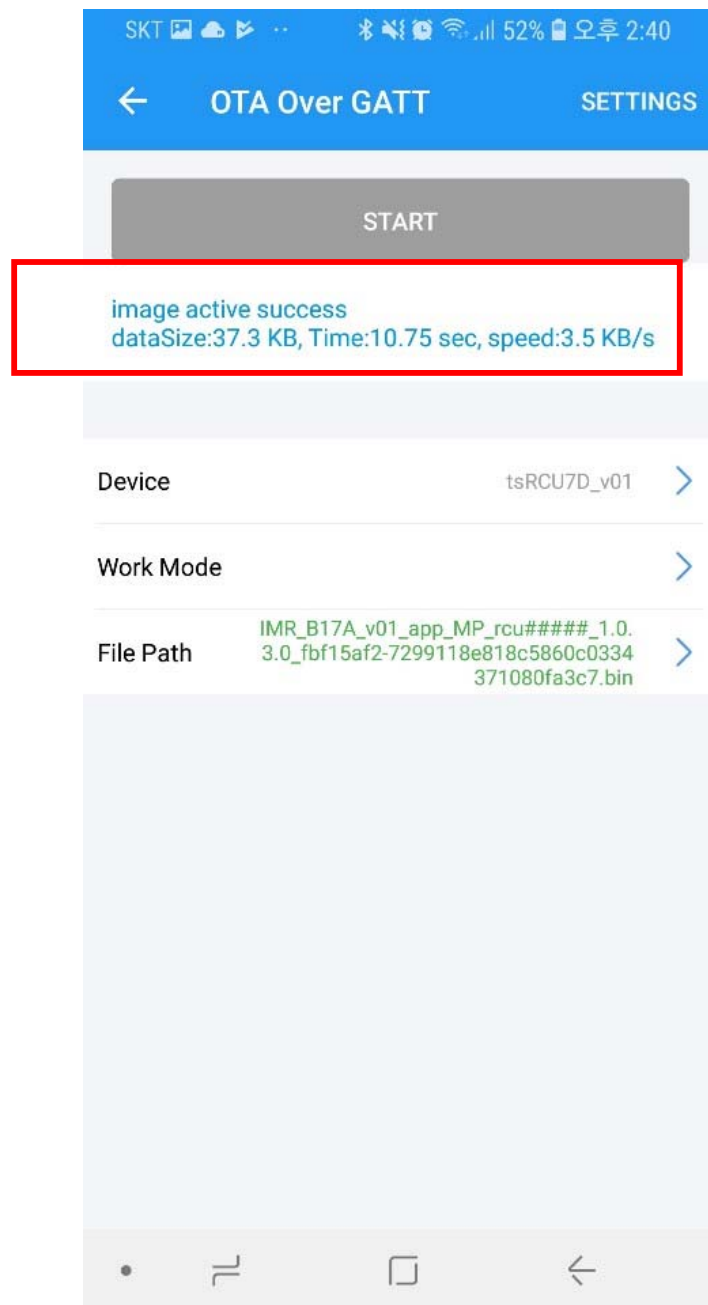
5 HOW to OTA











FCC Warning Statement

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