



VIZIO

**Bluetooth remote control
&
BT USB dongle**

Manual

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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

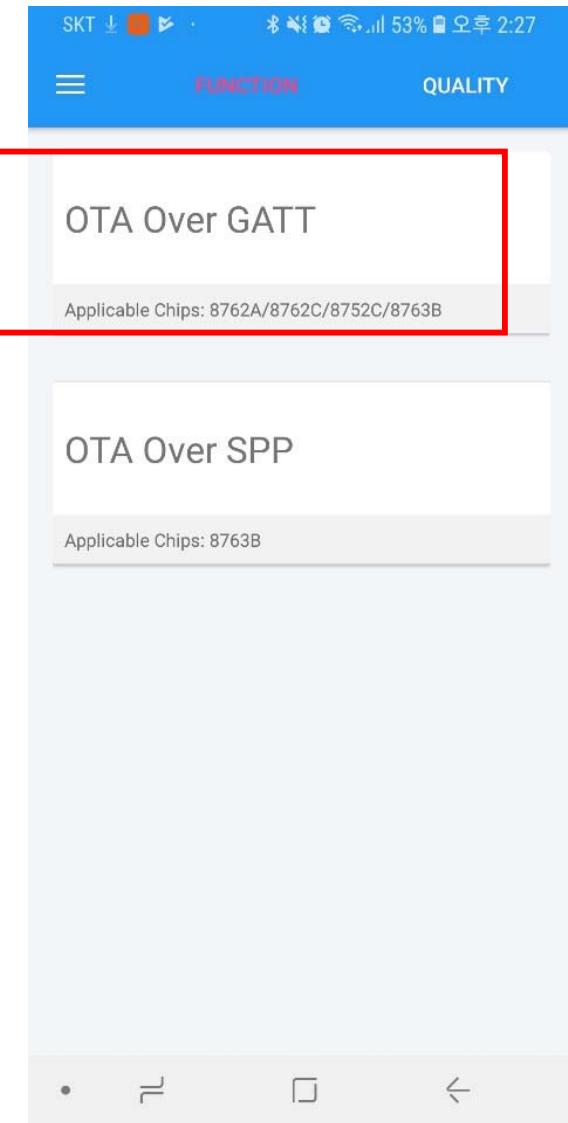
- Remote control automatically goes into pairing mode when batteries are inserted into a remote which is not currently paired

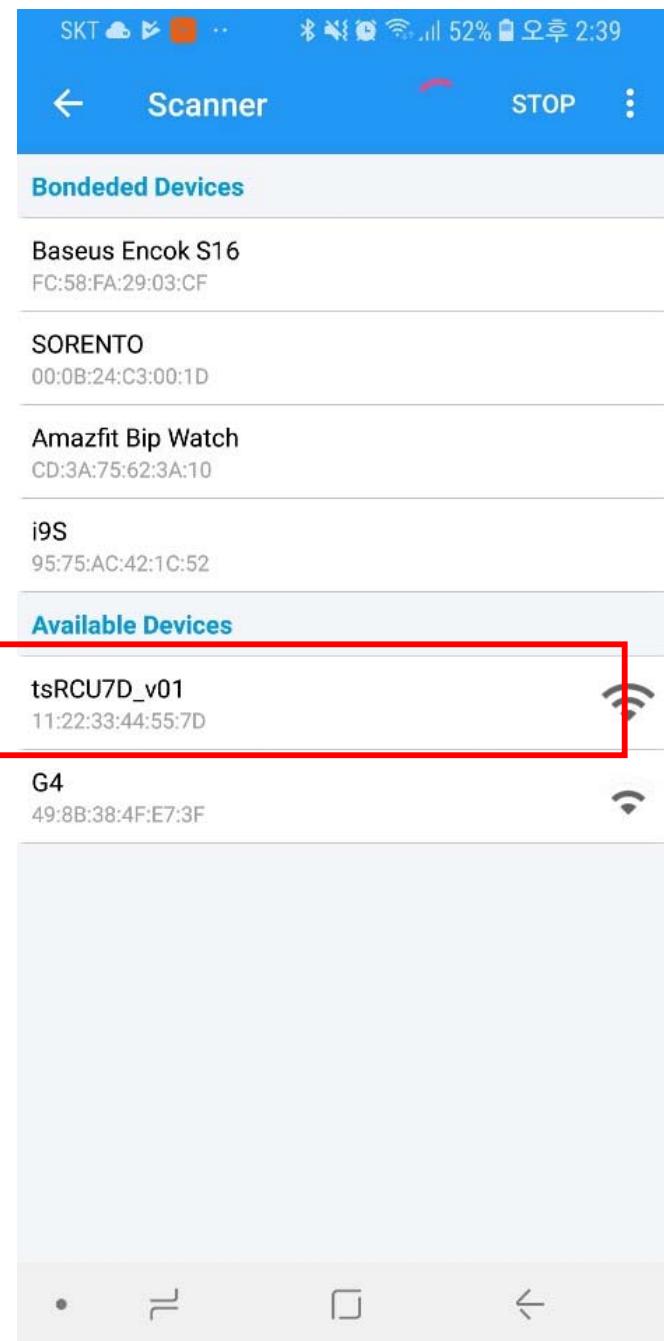
3.1 Press and hold [MIC] key and [MUTE] key for 5secs

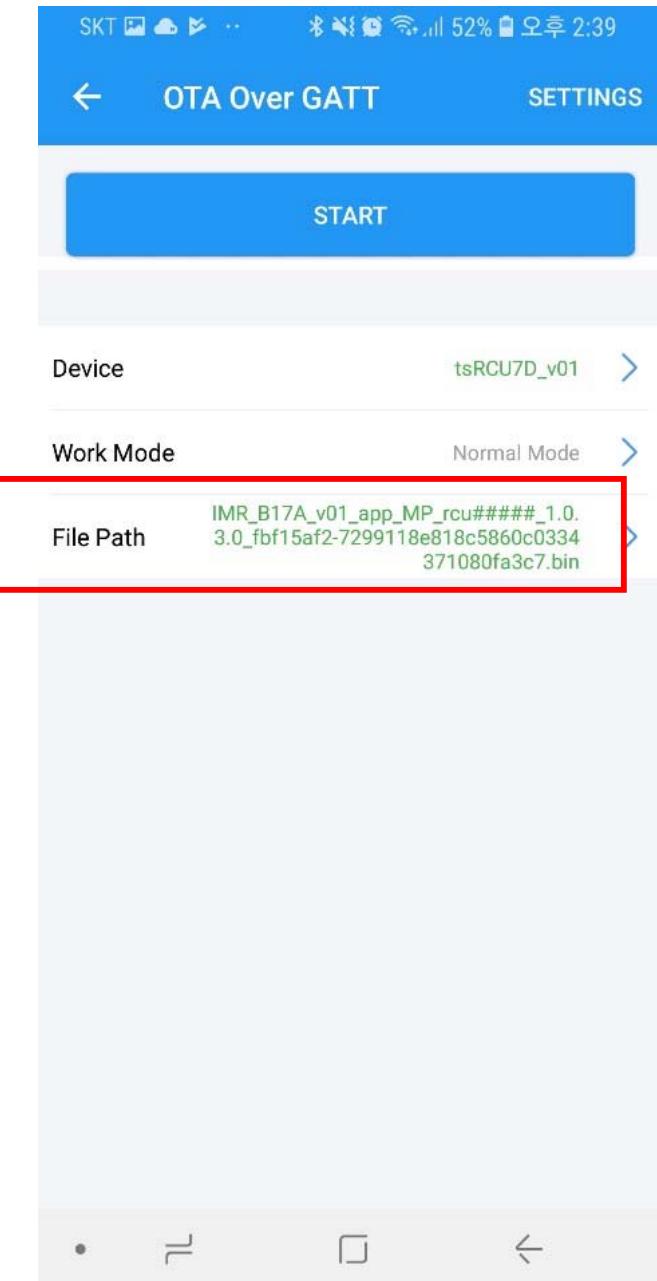
4 Factory default setting (un-pairing)

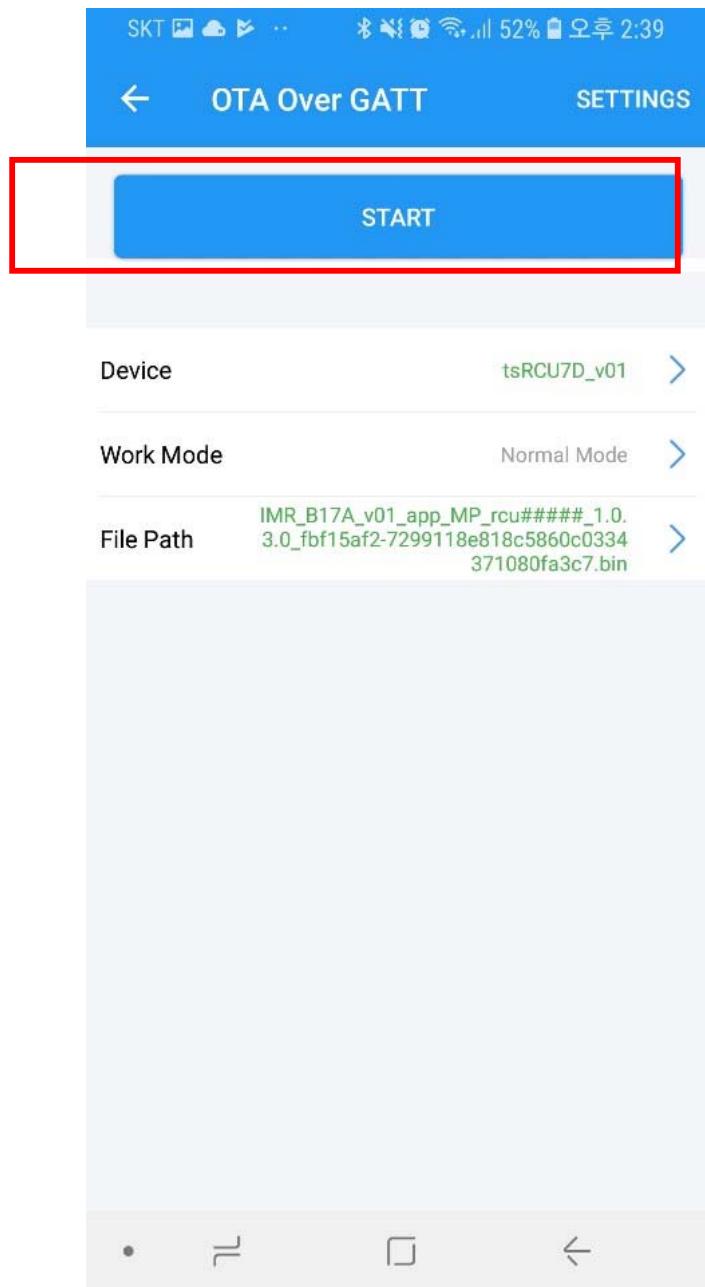
4.1 Press and hold [INPUT] key and [MUTE] key for 5secs

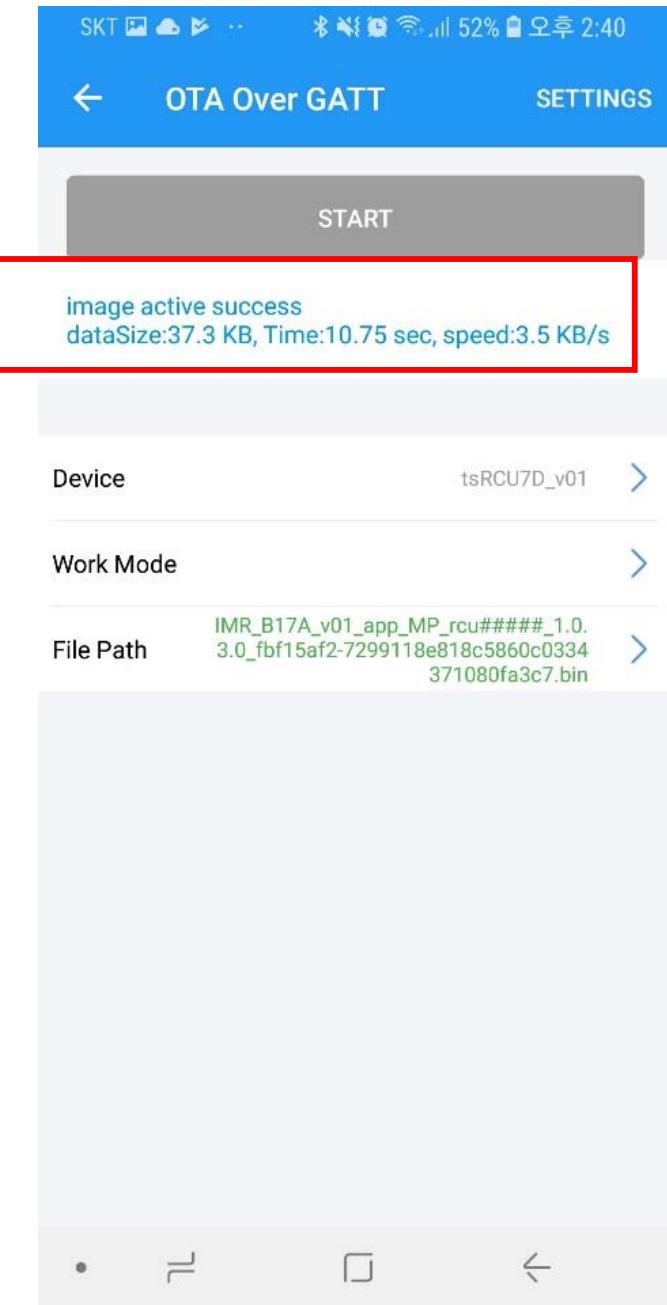
5 HOW to OTA











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.