

REMOTE SOLUTION CO., LTD.

INSTITUTION : 2019.07.18	<div>SPECIFICATION</div> <div>(TRANSMITTER REMOCON)</div>	MODEL NO :	4
REFORM :		RD29A00	48
DECISION :			

2-2 Electronical Specification

2-2-1 General operating Test

2-2-1-1 There should be no problem in button operation

2-2-1-2 In case of remote controller with multi Brand, there should be no problem in operation by each other maker

2-2-1-3 Other buttons does not work when button is operated

2-2-1-4 There should be no abnormality in continuous key operation

2-2-1-5 In case of various LEDs, there should be no problem when checking the brightness and blurring. [Set limit sample if necessary]

2-2-2 Current consumption

Function	How to Test	Condition	SPEC		
			2.2V	2.5V	3.0V
Sleep Current (before pairing)	Leave after power on	Average (1 Min)	Less than 2 uA	Less than 2.5 uA	Less than 3 uA
Sleep Current (After pairing)	Leave after power on	Average (1 Min)	48±5uA	39±5uA	40±5uA
IR output (After pairing)	TV Volume (+) button	Average (30 Sec)	23±5mA	25±5mA	30±5mA
Voice recognition	Press voice recognition button	Average (5 Sec)	16±3mA	17±3mA	18±3mA

2-2-2-1 Battery Life Time (recommend battery : LR03)

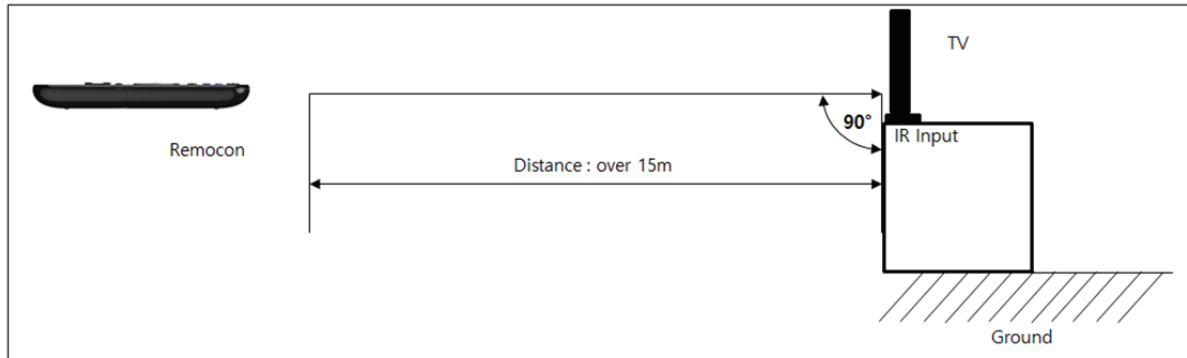
-Battery Life should be at least 18 month

No	Functions	Count/Day	Operating Time	Current	Unit	Remark
1	IR Transmit	100 th	0.5 sec	27	mA	100 Key Press / Day
2	Device LED	100 th	0.5 sec	3	mA	
3	Voice Funtion	10 th	5 sec	18	mA	RF Paired
4	Leakage Current	1 th	86250 sec	0.04	mA	RF Paired

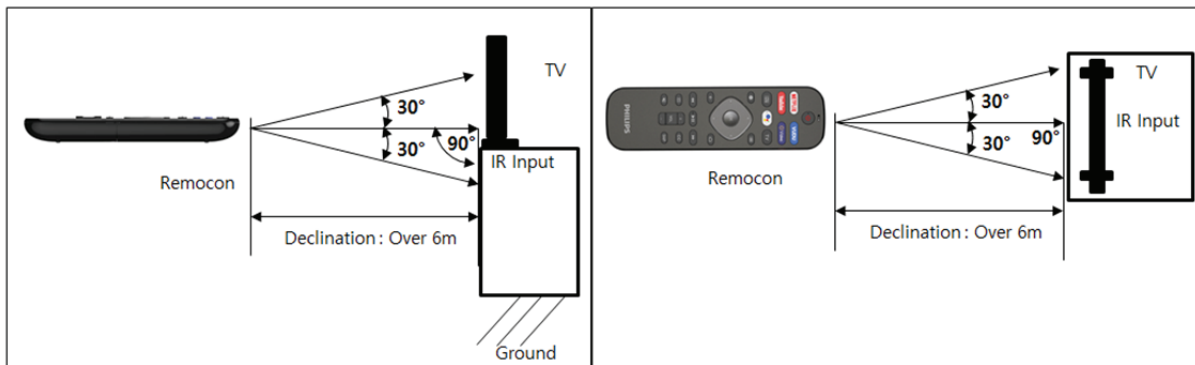
2-2-3 High Voltage : When inputting 3.4V voltage, there should be no abnormality in remote control key operation

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DECISION :			



2-2-11-2 Remote control unit reference Horizontal deviation 30 ° (left, right, top, bottom) reaching distance (TV fixed)



2-2-12-3 RF straight line reach

RF button : 15m

RF Voice Transmission : 15m

- Measure using the buyer's TV.

2-2-13 Certification requirement

- Remote controller have passed the bluetooth certification and FCC , IC certification

2-2-13-1 Bluetooth certification

- Bluetooth LE SIG certificate
- Profile : HOGP

2-2-13-2 FCC/IC certification

- FCC ID: TX4-RD29
- IC number: 11438A-RD29

FCC Information

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 interface, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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 correct the interference by one or more of the following measures:

- 1.1. Reorient or relocate the receiving antenna.
- 1.2. Increase the separation between the equipment and receiver.
- 1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
- 1.4. Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

"CAUTION : Exposure to Radio Frequency Radiation.

Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit.

"ATTENTION: L'exposition aux rayonnements à fréquence radioélectrique.

Antenne doit être montée de telle manière à minimiser le risque de contact humain pendant l'utilisation normale. L'antenne ne doit pas être contacté pendant le fonctionnement pour éviter la possibilité de dépasser la limite de l'exposition aux fréquences radio de la FCC.

IC Information

This device complies with Industry Canada license-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 radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.