

A vertical decorative bar on the left side of the title, composed of a solid brown rectangle with a thin grey shadow to its right.

SWPZ01-RX USER MANUAL

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Visual Display Division
Advanced R&D Group

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Thank your purchasing this product

This product is applied as following 2.4GHz IEEE 802.15.4 [ZIGBEE]

This is ZIGBEE Radio Receiver module for Remote Control and in pair with Remote controller

1. Set up guide

(1) Connect 10PIN CABLE as follow Figure 1-1)



Figure 1-1) CABLE Connecting

(2) Be built in TV MONITOR as follow Figure 1-2).

CAUTION : DON'T shield this product from an electric panel ,because of antenna for radiation

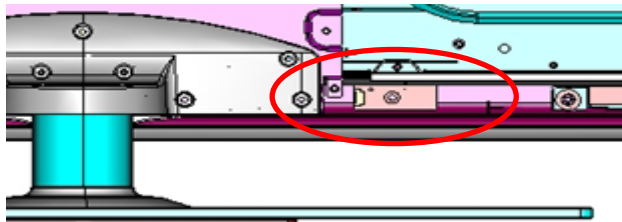
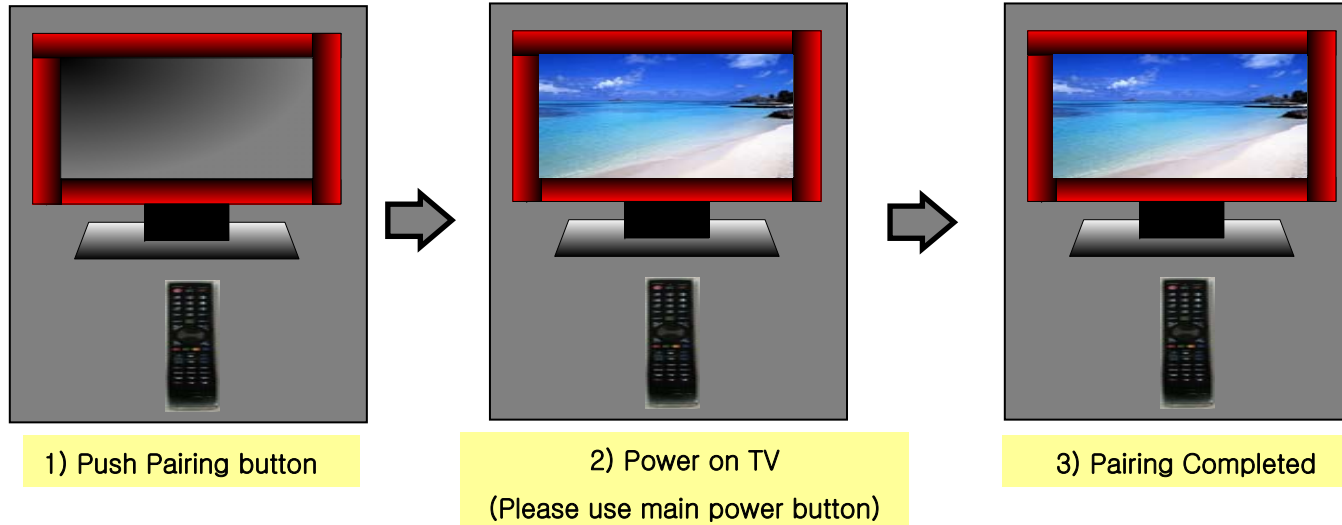


Figure 1-2) Built-in TV

SWPZ01-RX USER MANUAL

(3) Pairing with SWPZ01-TX RF Remote Controller.



- Caution for Pairing Mode -

- ◆ Make close RF remote controller to TV (about 30cm) when pairing
- ◆ TV pairing signal transmitting just before TV powered on and display
Pairing will be completed when the TV received pairing data of remote controller
- ◆ Once pairing started, TV and remote controller will be operate as one to one
- ◆ When remote controller lost and purchased new one, you have do pairing again.
- ◆ Repeat pairing with TV power off and on when pairing failed

SWPZ01-RX USER MANUAL

■ Pin Descriptions

Terminal	NAME	Inter face	I/O	Description
1	3.0V_in	Power	I/O	DC 3.0V Power supply
2	RESETB	Digital	I	Reset (Active Low)
3	UART TXD1	Power	I	UART TX INPUT
4	GND	Ground	-	Ground
5	UART RXD1	Digital	O	UART TX OUTPUT
6	PWR DECT	Digital	O	POWER DECTER OUTPUT
7	Audio Lch	Digital	I	Not used at this model
8	5V_in	Digital	I	Not used at this model
9	Audio Rch	Digital	I	Not used at this model
10	ISP	Digital	I	Only for program update (ACTIVE "H")

SWPZ01–RX USER MANUAL

• FCC Compliance Information

This device complies with Part 15 of 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.

• Warnings

This equipment has been tested and found to comply with 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 can generate, use, and 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 unacceptable interference to radio and 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.

SWPZ01-RX USER MANUAL

Caution

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

Spec.

Type of device: RF Receiver

Frequency bands: 2405 MHz ~ 2480 MHz

Channel space: 5 MHz

Channel number: 16

Data rate: 250 kbps

RF output power: 6.79 dBm (Peak)

Size(with stand): 152 x 30.0 x 246 mm

Weight: 165 g

Input power: 3.0 Vdc

Antenna type: Chip antenna (-0.97 dBi)