



**KING WINS TECHNOLOGY CO.,LTD.**

---

# **User Manual**

**Name : RF 2.4G Remote Controller**

**Model No. : TMRCD200TX**

**&**

**Name : RF 2.4G USB Dongle**

**Model No. : TMRCD200RX**

**Trade Mark : TOSHIBA**

**Version : 1.0**



**KING WINS TECHNOLOGY CO.,LTD.**

## **Product Profile**

1. RF2.4G Remote Controller.
2. RF 2.4G USB Dongle.





**KING WINS TECHNOLOGY CO.,LTD.**

---

**©Electrical Characteristic**

<b>USB Dongle</b>	Transmit rate	250KHz bps
	Frequency	2404.0MHz – 2480.0MHz
	Power out	-18dBm - 0dBm
	Function	HID-compliant device,
	Modulation	GFSK
<b>Controller</b>	Transmit rate	250KHz bps
	Frequency	2404.0MHz – 2480.0MHz
	Power out	-18dBm - 0dBm
	Function	2.4G Wireless Transmission
	Modulation	GFSK



KING WINS TECHNOLOGY CO.,LTD.

©The key value is default as below:

	Button	Function	RF Code	
			Usage Page(Hex)	Usage ID(Hex)
		Home(F7)	07	3C
		Back(F2)	07	3B
		Menu(F3)	07	3C
		Up	07	52
		Left	07	50
		Right	07	4F
		Down	07	51
		Ok(F6)	07	3F
		Volume Dec(F4)	07	3D
		Volume Inc(F5)	07	3E



**KING WINS TECHNOLOGY CO.,LTD.**

---

## ©FUNCTION DESCRIPTION

---


1. The remote controller transmits RF signal to USB receiver dongle.

### 2. USB Dongle

The dongle is defined as standard HID device. When it plug into PC USB port, the USB Dongle will receive RF signal from remote controller transmitter.

### 3. Pair

■ Power on the Controller, press “  ” continuously then press

“  ” buttons ,pair mode is on.

■ Plug USB dongle into and wait about 3 seconds, then press any key function, then pairing is successful.

## © POWER CONSUMPTION

### 1. Normal mode

When User operates the controller, it's in normal mode; power consumption is less than 20mW.

### 2. Sleeping mode

If user hasn't used the controller for 1 SECS, it will enter sleeping mode, power consumption is less than 0.1mW. User can press any button to wake it up.



**KING WINS TECHNOLOGY CO.,LTD.**

---

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.

Caution: Any changes or modify to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

KWS declares that this Radio-Frequency peripheral is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.