

# W241D1 Wireless LCD Receiver

## User Manual



### I. Specification

#### 1、LCD Receiver

Model:	RC823
LCD:	2.4" TFT LCD
Definition (dot):	480mm(W) x 240mm(H)
Receiving Frequency:	2.400GHz~2.481GHz
Receiving Signal:	Video, Audio
Sensitivity:	≤-85dBm
TV System:	PAL/NTSC
Method of regulation:	FSK
Battery:	3.7V/1100mAh Li-battery
Service time:	4 hours
Power off at low voltage:	3.3V
Power:	DC5V/1.5A
Power Consumption:	≤3W
Working Temperature:	-10~50℃
Size:	123 x 72 x 24mm
Weight:	200g

Thank you for using wireless LCD receiver.

Please read this manual carefully before use.

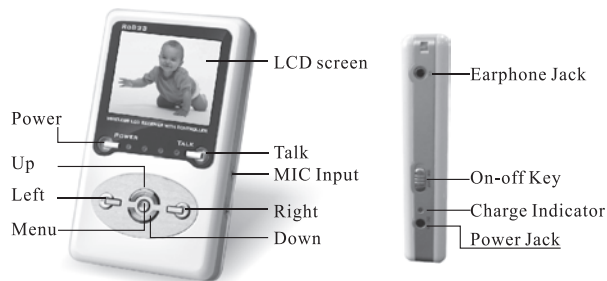
### Note

*This product is forbidden for illegal use!*

## 2、Wireless Camera

Image Device:	1/4" CMOS Image sensor
TV System :	PAL/NTSC
Valid pixel:	PAL: 628x582 NTSC: 510x492
Horizontal Definition:	380 TV Lines
Scan Frequency:	PAL/CCIR: 50Hz NTSC/EIA: 60Hz
Minimum Illumination:	3Lux/F1.2
Transmission Power:	17dBm
Transmission Frequency:	2.400GHz~2.481GHz
Transmission Signal:	Video, Audio
Open Transmission Distance:	200M
Power:	DC5V/800mAh
Battery:	3.7V/350mAh Li-battery
Power Consumption:	≤1W
Working Temperature:	-20~60℃

## II. The Diagram of Connection and Parts of the Receiver:



## III. Function key role

1. **【ON/OFF】** Key: power master switch.
2. **POWER:** POWER switches.
3. **TALK:** Intercom button.
4. **MENU:** MENU and Enter.
5. **【UP】【DOWN】** "▲" / "▼" to increase or decrease the volume.
6. **【LEFT】【RIGHT】** "◀" / "▶" increase or decrease the brightness.

### IV. Features

- Digital wireless security kit
- High resolution picture
- Stable signal and anti-jamming technology
- 200M transmitting range in open area
- Receiver and camera talk to each other
- Built-in rechargeable Li-battery lasts for 3 hours

### V. How to use

#### 1. Matchmaking

Turn on the camera, then turn the receiver (RC823CM) POWER master switches to ON and press POWER button for 5 seconds to connect, LED lamp without flashing means matching successfully. If you want to turn off the receiver, press Power button for 2 seconds, then when the screen is off, turn the power master switch to OFF.

#### 2. ZOOM IN /OUT

Press MENU button → choose ZOOM IN /OUT key. when pressing MENU button, it is ZOOM IN; when pressing again, it is ZOOM OUT, press 【LEFT】 button to ESC.

#### 3. BABY UNIT VOLUME

Press MENU button → choose BABY UNIT VOLUME→ press again MENU→ adjust proper sound volume by "▲" / "▼" → press MENU→press 【LEFT】 button to ESC.

### 4. LCD AUTO OFF

Press MENU button → choose LCD AUTO OFF→ press again MENU→ adjust proper turn-off time by "▲" / "▼" → press MENU→press 【LEFT】 button to ESC.

### 5. EFFECT SET

Press MENU button→ choose EFFECT SET→ press again MENU→ make submenu choice ▲" / "▼".

#### ● Vertical image set:

Press MENU button → choose EFFECT SET→ press again MENU→ choose Vertical menu by "▲" / "▼"→ adjust proper image by 【LEFT】 【RIGHT】 button→ press MENU→ press 【LEFT】 button to ESC.

#### ● Horizontal image set:

Press MENU button → choose EFFECT SET→ press again MENU→ choose Horizontal menu→ adjust proper image by 【LEFT】 【RIGHT】 button→press MENU→press 【LEFT】 button to ESC.

#### ● Brightness set:

Press MENU button → choose EFFECT SET→ press again MENU→choose Brightness menu by ▲" / "▼"→ adjust proper brightness by 【LEFT】 【RIGHT】 button→ press MENU→ press 【LEFT】 button to ESC.

### ● **Saturation contrast set:**

Press MENU button → choose EFFECT SET→ press again MENU→ choose SATURATION menu by ▲" / "▼"→ adjust proper contrast by 【 LEFT】 【 RIGHT】 button→ press MENU→press 【LEFT】 button to ESC.

6. Connect to other monitor: Connect the receiver to the monitor with AV cable directly, from the AV/OUT port to the monitor, then adjust the "brightness", "Contrast", "Chrome" of monitor to get the best audio and video.

7. When the power is low, the battery will show red, please recharge.

8. Insert power adapter (DC5V/1.5A) to the receiver, whatever the receiver is work or not, it can charge for the battery, indicator light becomes flashing, when the battery charge is finished, the indicator light restores normal symbols, and the battery can last for over 4 hours. The battery need to be charged for 3.5 hours each time.

9. The information of the "Brightness", "Contrast", "Chrome" and "Color" will be stored and keep the same when you turn on the receiver next time.

### **VI. Matchmaking main camera (Cm241) operation**

Press the POWER button for 2 seconds to ON/OFF. Press the power button for more than 5 seconds, it will connect to the receiver. Power indicator light flashing displays connection situation, if connect successfully, the light will stop flashing, and you can see the picture.

**Recharge:** Insert power adapter (DC5V/1.5A) to the receiver, whatever the receiver is work or not, it can charge for the battery, indicator light becomes flashing, when the battery charge is finished, the indicator light restores normal symbols, and the battery can last for over 4 hours. The battery need to be charged for 3.5 hours each time.

### **VII. FAQ**

1. The indicator light is not on when the receiver is charged:

Please check whether the power adapter of the receiver connects well and the AC power adapter switch turns on or not.

2. The image can not be received or the received image is not clear:

A. Please check whether the camera has been connected with the power or not;

B. Whether the distance between the camera and receiver is too far or there are obstacles between the camera and receiver or not (for example: the building with iron and steel can cause big obstruction to the transmission signal;

C. Whether the frequency of camera is corresponding to the receiver or not ( please don't make two cameras with the same frequency working at the same time in the effective distance, otherwise, they can interfere with each other to cause the weak effect of receiving picture.)

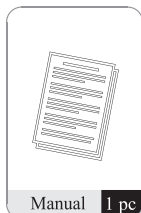
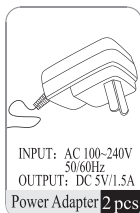
D. Keep the antenna of the receiver as far as possible from bigger electromagnetic objects, such as cooper or iron;

E. Signals with the high power, as well as working radio station on the car around can cause interference to the receiver.

### VIII. Liability Limit

- ◆ Corporation will not be responsible for any sudden occurrences caused by earthquake, thunderbolt, fire and any third party behaviors that duties and capabilities; including customer's intentional or unintentional mistakes, misuses and uses under improper conditions.
- ◆ Corporation is not responsible for any occasional loss (loss of commercial profit and business interruption), which caused by incapability of using the product.
- ◆ Corporation is not responsible for any loss or damage due to the nonperformance of the descriptions in the manual.
- ◆ Corporation is not responsible for any loss or damage caused by using any third party's product.

### IX. Accessories:



This card is the important evidence to receive our service, please keep it well.

- ① When used normally, the following services can be offered:
  - A. Replacement for functional disorder within 3 months.
  - B. Repair free of charge for functional disorder within 1 year.
  - C. Service for all the life( only charge material cost and freight if the warranty date expires.)
- ② The following conditions are excluded for warranty service ( repairable if needed, but will charge material cost and freight.)
  - A. Malfunctions or damages by mistaken installation or using the products exceeding the limited operating conditions.
  - B. Malfunctions or damages by self disassembled or repair and any other misuse.
  - C. Spare parts missed, artificial damages
  - D. Unmatched products.
- ③ Repair cycle Excluding the shipping dates, the Quality Department will submit the examine report in one day on receipt of the products, the products on the quantity under 50sets will be repaired in 3 days after customers signed back the test report.

**Product name:** \_\_\_\_\_

**User's name:** \_\_\_\_\_

**User's address:** \_\_\_\_\_

**Tel:** \_\_\_\_\_ **Zip code:** \_\_\_\_\_

**Purchase date:** \_\_\_\_\_

**Invoice No.:** \_\_\_\_\_

**Distributor:** \_\_\_\_\_

**Contact person:** \_\_\_\_\_ **Tel:** \_\_\_\_\_

**Dealer:( Valid by sealed)**

## **FCC warning statement**

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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

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