

Model: 8209JA

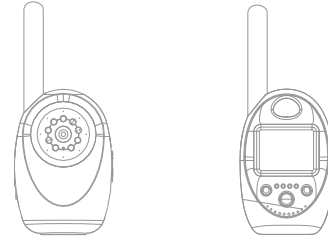
EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



USER MANUAL

2.4GHz Digital Solution Wireless Camera Kit



Model: 8209JA

Version 1.2
Please read this user manual carefully before using this product.
Failure to understand operation procedures may result in injury.

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Packing List

- ① 2.4GHz Wireless Camera x 1
- ② 2.4GHz Wireless Receiver x 1
- ③ Earphone x 1
- ④ Adapter x 2



* 8209JA = GD8209 (Camera) + GD7609 (Monitor)

Structure





Diagram

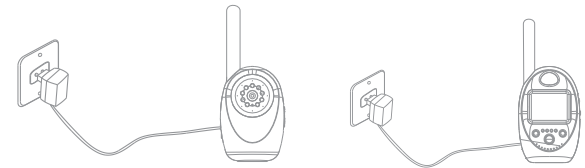


Installation

1. Place the camera on a firm, stable surface.

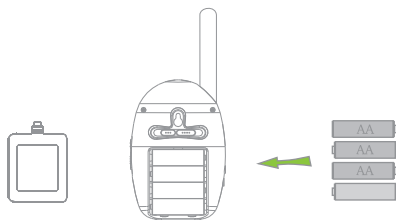


2. Connect the provided power adapters to the camera/receiver and an appropriate power source. Then slide the power switch of the camera/receiver to the ON position.



Notes:

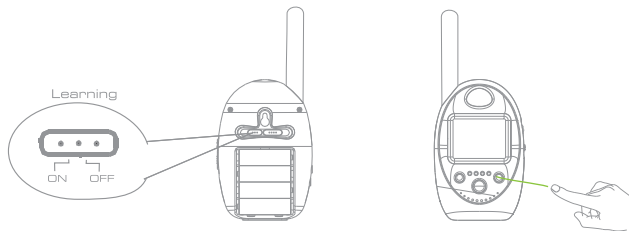
- * This camera/receiver can also work on battery power. please load four(4) AA batteries into their appropriate slots at the back of the camera/receiver, with proper orientation as indicated on the battery compartment.
- * If the camera/receiver is left unused for an extended period of time, please disconnect it from the power adapter and remove batteries if they have been installed.



* Batteries of the camera may provide up to 5 hours (IR OFF) of continuous operation. Batteries of the receiver may provide up to 5 hours of continuous operation.

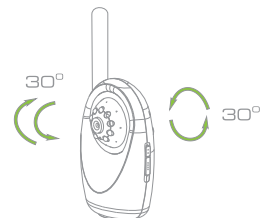
3. Channel Synchronization

- 1) Slide the channel button on the side of the camera to an desired channel;
- 2) Press and hold the Alarm off button on the receiver until the volume indicator flashes, slide the Learning button to ON position on back of the camera and then slide it to OFF position during the volume indicator flashes on the receiver;
- 3) At which point the channel number displayed on the receiver should match the channel selected on the back of the camera and the picture display on the LCD screen.

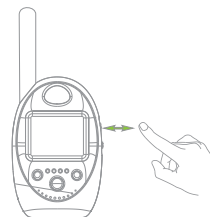


No need to switch channel for avoiding interference

4. The rounded head of the camera is rotatable by 30 degrees for convenience of use. You may manually adjust the viewing angle at any time.



5. You may adjust the volume to your desired level by rotating the dial on the side of the receiver.



Note:

1. The channel of the camera should be matched to the receiver at the factory before shipping. If you find this not to be the case, please follow the above step to set.
2. The receiver supports up to four (4) cameras simultaneously. With two (2), three (3), or four (4) cameras in operation at the same time, pressing and holding the Channel button for approximately three seconds will activate the auto-switch-browse mode. In this mode, the receiver automatically switches channels in a set order, one by one, in six second intervals.
3. The LCD will turn blue while no signal or interference.

Camera Alarm Setup

Sound alarm:

Turn on the sound detection and alarm function by moving the Alarm switch at the back of the camera to the VOX position. The camera is now set up to detect sound and alarm you of it. As soon as sound triggers the camera, an audio alarm will be sent to the receiver and will continue to sound for two(2) minutes or until the Alarm off button is engaged. Then the system into an automatic thirty-five (35) seconds snooze mode where sound will be unable to activate the alarm. After thirty-five (35) seconds, however, the camera will return to its stand-by mode of sound detection and alarm.

Turning off the alarm:

The sound detection and alarm function may be disabled at any time by moving the Alarm switch at the back of the camera to the OFF position.

Note:

The alarm sound will automatically turn off if the Alarm off button is not pressed within two (2) minutes.

If the alarm fails to trigger, it may be because the sound is too soft. Also, you may try to power cycle both the camera and receiver to re-activate the alarm.

Specification

	Item	Value
General	Transmission Frequency	ISM 2,400-2,483 MHz
	Transmission Power	100mW
	Unobstructed Effective Range	300m
	Spread Spectrum	FHSS
	Modulation Mode	GFSK
	Operating Temperature	-10°C ~ 45°C
	Operating Humidity	≤85%
CAMERA	Imaging Sensor Type	CMOS
	Total Pixels	640 x 480
	Minimum Illumination	0Lux (IR ON)
	Night Vision Distance	5m
	Viewing Angle	60°
	Battery Working Time	5 hours
	Sound Detection Sensitivity	≤-38dB
	Consumption Current(Max.)	300mA
	Power Supply	DC +5V
	Dimensions(W x D x H)	85 x 55 x 220mm
Approx. Weight	142 g	
Receiver	LCD Screen Type	2.36TFT-LCD
	Effective Pixels	480 x 234
	Receiving Sensitivity	-80dBm
	Consumption Current(Max.)	300mA
	Battery Working Time	5 hours
	Power Supply	DC +5V
	Dimensions(W x D x H)	85 x 55 x 220mm
	Approx. Weight	130 g

* Actual transmission range may vary according to weather, location, interference and building construction.

* All the specification are subject to minor change without prior notice.

Troubleshooting

Problem	likely solutions
NO image and sound	1. Check the camera / receiver is connected to the power supplies, and powered on.
Snowflakes on image and noisy	1. Check the channel of the receiver to correspond with camera; 2. Check the distance and blocks.
Ghost image and normal sound	1. Interfered by other sources; 2. Check the distance and blocks.
No color and normal sound	1. Mismatching system of PAL TV and NTSC cameras or vice versa.
The picture on the LCD screen is fixed or the LCD screen turns blue after powering on	1. Check whether the distance between the receiver and the camera exceeds the transmission distance of the device; 2. Check whether the battery power of the receiver or the camera is sufficient.

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 interference,
(2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Warnings

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Turn off the camera/receiver if the system is not in use.
- The camera/receiver can only be completely disconnected from the mains by unplug the adapter.
- Do not cut the DC power cable of the apparatus to fit with another power source.
- Attention should be drawn to the environment aspects of battery disposal.