

45235 BW Wireless Monitor
INSTALLATION
INSTRUCTIONS

Congratulations on your purchase of the JASCO™ Wireless Camera system(**45235 Wireless monitor**) All JASCO™ Wireless Cameras includes high quality video and audio components. The 45235 BW Wireless monitor System is a combined wireless camera and video monitor/ receiver. The 45235 BW Wireless monitor surveillance system is an ideal combination for monitoring the porch, watching the yard, pool, pets or the baby. It is also suited to many small business applications.

PRODUCTION FEATURES

- _900MHz wireless technology
- _Plug ' n ' play installation
- _High resolution black and white video camera
- _Built-in microphone transmits sound from camera to TV
- _High quality audio and video components for long life
- _Supports up to 2 cameras
- _Auto/Manual switching between cameras and channels LED indicated
- _IR LED enable night vision.
- _AC or battery operation (batteries not included)
- _Sound detection and alert
- _Alert Volume and sound detection sensitivity are adjustable.
- _Has one A/V output jack
- _Channel lock

SYSTEM Contents

Please check and identify all the parts before proceeding with the installation.

- ❑ **Wireless Camera** ❑ **Monitor**
- ❑ **Fixing kit** ❑ **1 x 9V Camera Adapter**
- ❑ **1 x 13.5V Monitor**

SETUP INSTRUCTIONS

Camera Transmitter

1. Unpack the Camera/ Transmitter

2. Decide on wall or desk/table mounting the camera. If wall mounting there is a useful drilling guide on the back cover of these instructions. The camera can be adjusted for both by rotating the camera head to the required position.

3. Decide whether to connect using AC power or battery (not included). If using batteries please install appropriate LI polymer batteries. If using the power adapter, remove Battery and connect power jack. Make sure the camera is positioned no more than 51/2 feet from an AC power outlet.

4. Select the channel on the slide switch under the camera housing by switching Left or Right. Switch is preset to Channel 1.

The Camera/Transmitter installation is now complete.

Monitor/ Receiver

1. Unpack the Monitor/Receiver.
2. Plug the monitor power adapter into the power jack and plug the power adapter into any AC power outlet. Turn on the monitor by pressing front push button. Alternatively remove the battery compartment lid on the underside of the unit and install 10 x C type batteries (not included).
3. The Monitor/ Receiver installation is now complete.

Optimizing the 45235 BW Wireless mon Video System

The 900MHz video signals pass easily through your home's interior walls, but the signal may be reflected by power wires or plumbing inside the wall. Usually a slight adjustment of the Monitor/Receiver and/or Camera/Transmitter antenna will improve reception. Take care not to force the antennas past their lock positions.

Sound level can be adjusted using the volume control knob on the front of the Monitor/Receiver.

Adjust Brightness/Contrast as required using controls on the rear of the Monitor/Receiver.

If needed the Vertical Hold can also be adjusted at the rear.

Adjust sound trigger sensitivity as required using controls on the rear of the monitor.

The alert volume can also be adjusted on the rear of the monitor.

The most common source of interference are microwave ovens and mobile phones. Try to avoid mounting the Monitor/Receiver near a microwave oven or other source of RF interference such as cordless phones.

Sound detecting on monitor

Monitor has a sound detecting function, when the sound level from cameras is great than presetting level on monitor, an audio alert will sound on the monitor. The volume control for the alert is on the rear of the monitor. Additionally a red light will flash on the front of the monitor.

ADDING ADDITIONAL CAMERS

You can add up to 2 additional cameras to your system.

45235-Wireless Camera Accessory

(Includes Wireless Camera, Power Adapter and Fixing Kit)

Channel Selection

In “ Manual Mode ” individual channels may be selected. Pressing the button on the right will select “ Manual ” and the “ Manual ” LED indicator will turn green. When the sound from cameras is great than monitor’s presetting level, an audio alert will sound on the channel selected.

In “ Auto Cycle Mode ” the Monitor/Receiver searches between the channels available. To select “ Auto ” press the button on the left and

the “ Auto ” LED indicator will turn green. When the sound from cameras is great than monitor’s presetting level, an audio alert will sound; you need to check which camera was triggered by the sound. To avoid searching empty channels, which do not have a camera connected, make sure the slide switch on the rear of the Monitor/Receiver has the corresponding switch in the correct position for each camera. Example shows a 2-camera installation.

Cycle Time Setting (Time taken to switch between cameras)

To alter the cycle time press both of the buttons on the front of the unit simultaneously. Each beep is one extra second of cycle time added. The cycle time can be verified by flashing LED when you release, one flash stand for one second. Cycle time can be set between 2-30 seconds. The cycle time is preset to 4 seconds.

USING THE 45235 SYSTEM WITH A VCR

You can connect a VCR to the 45235 System. This allows you to record the picture from your Monitor/Receiver.

TROUBLE SHOOTING	
If you are having trouble operating this product, please consult the guide below:	
SYMPTOM	REMEDIES
No camera picture	<ol style="list-style-type: none"> 1. Check all connectors. Make sure camera(s) and receiver are switched ON. 2. Ensure camera(s) and receiver are set to correct channel(s). 3. Make sure camera is within range of receiver.
Blank monitor	<ol style="list-style-type: none"> 1. Make sure receiver is switched ON. 2. If using AC adapter, make sure it is plugged in. 3. If using batteries, make sure they are installed correctly, or try recharging(replacing) them.
Interference on camera picture	<ol style="list-style-type: none"> 1. Make sure each camera (transmitter) is within range, and that no large obstructions are blocking the signal. 2. Try repositioning the camera, receiver or both to improve the reception quality. 3. If a camera is positioned close to the receiver, point antenna away from the receiver. 4. Reposition other nearby equipment transmitting on the 900MHz frequency.
Audio problems	<ol style="list-style-type: none"> 1. Ensure the volume is turned up sufficiently on the Monitor (or TV). 2. Make sure the sound is within the microphone range. 3. If the unit emits a loud wailing sound (feeds back), try moving the camera away from the receiver or angle the receiver differently.
SPECIFICATIONS	
Camera	
TV System	PAL or NTSC
Integrated Lens	5.6mm, F2.0 fixed focus
Resolution	360 horizontal TV Lines
Signal/Noise Ratio	46 dB
High-Speed Electronic Shutter	1/60 - 1/15,000 sec
Image Sensor	1/4" CMOS
Min. Illumination	0.1 lux
Current Consumption	80~140mA
Overall Size	2.35"W x2.74Hx3.16D
Frequency Range	910 - 920 GHz
Modulation	FM
Video Signal/Noise Ratio	46db
Audio Signal/Noise Ratio	45db
Channel Selection	Electronic tuning
Case Finish	UV resistant ABS plastic
Receiver/Monitor	
Frequency Range	910 - 920 GHz
Signal/Noise Ratio	40dB

Operating Temperature	-10°C to +40°C
Output	Audio/Video
Humidity	Less than 85%
Current Consumption	Approx. 800 mA
Overall Size	5.7" W x 7.28" H x 8.46" D

WARRANTY

This product has a one year manufacturer's warranty which covers parts and labor only. In the unlikely event that you encounter a problem, the unit should be returned to Customer Care,

FCC NOTE:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the 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.

DRILLING TEMPRATE

If you decide to mount the camera on a wall, use this page as a guide for drilling the required holes