

# **WL2002MON 5.5” B/W Monitor w/ built in wireless Receiver**

## **Important Safety Precautions**

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 UNDESIRE OPERATION,

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.

- 1. HEED WARNINGS** - All warnings on the appliance and in the operating instructions should be adhered to.
- 2. FOLLOW INSTRUCTIONS** - All operating instructions should be followed.
- 3. WATER AND MOISTURE** - Do not use this video product near water - for example, a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement.
- 4. POWER SOURCES** - This product should be operated only from the type of power source indicated on the marking label.
- 6. OVERLOADING** - Do not overload outlets and extension cords, which can result in a risk of fire or electric shock.
- 7. SERVICING** - Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing or repairs to qualified service personnel.

# **Index**

**1. Description of Box Contents**

**2. Connection and Setup**

**3. Installation**

**4. Operation**

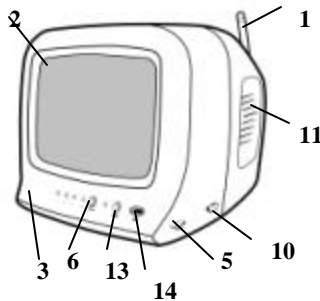
**5. Specification**

## 2. Description of Box Contents

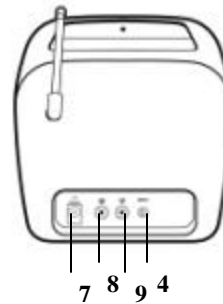
- SV-01-MON 5.5" B/W monitor with Receiver	X	1 pc
- AC adapter 120VAC to 13.5V DC 1000mA	X	1 pc
- Audio/Video Cable	X	1 pc
- Warning decals	X	2 pcs

## 3. Connection and Setup

MONITOR FRONT VIEW



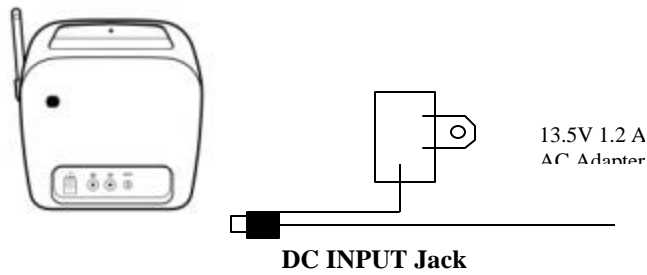
MONITOR BACK VIEW



### Location of Receiver Monitor controls

- ① **2.4GHz Antenna**  
High gain dipole patch antenna receives audio and video signal from the camera.
- ② **CRT - 5.5" Diagonal**
- ③ **Brightness Control**
- ④ **Contrast Control**
- ⑤ **Volume Control**
- ⑥ **Channel Selector**  
Switch for channel 1-4-AUTO selection.
- ⑦ **DC Input Jack**  
Connect the supplied 13.5V DC 1.0A AC adapter.

- ⑧ **Video Output Jack**  
EAR jack for Video output connection.
- ⑨ **Audio Output Jack**  
EAR jack for Audio output connection.
- ⑩ **ON/OFF Switch**
- ⑪ **Speaker**
- ⑫ **Battery Compartment (not shown) –**  
Requires 10 C Batteries (not included).  
Battery life Approximately 2-3 hours
- ⑬ **Auto/Manual Slide Switch**
- ⑭ **Audio Mute Button**



## 4. Installation

### CAMERA



### MONITOR



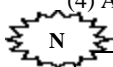
Ensure the power switch on the monitor and camera are set to the OFF position before proceed following steps.

#### Camera

- (1) Connect the power adapter to the camera power input and ensure the camera is turned 'ON' Ensure the camera is set to channel 1

#### Monitor

- (1) Connect the supplied power adapter to the power input of the monitor OR connect the DC plug from the battery box to the DC input jack at the back of the monitor
- (2) Use the channel selection switch button and ensure the monitor is set to the same channel as the camera to view the picture. Note: If you experience transmission reception problems (eg. poor picture), you may need to select another channel on the camera and monitor and/or adjust the antennas on the monitor and camera to ensure they are pointing at each other.
- (3) Adjust the volume to the desired level. You may also mute the audio option by pressing the mute button which is located at the front of the monitor.
- (4) Adjust the brightness and contrast levels as required



Try to position both the Camera and Monitor as high off the ground as possible for better picture reception.

## 5. Operation

Basic operation :

1. Make sure the ON/OFF switch is in the OFF position before connection
2. Connect the supplied AC adapter output to the DC input jack at the rear of the receiver monitor.
3. Select a channel 1 – 4 on your transmitter
4. Switch on the Monitor and transmitter camera
5. Search the channel 1 – 4 on the monitor using the channel selector switch. , you should see the Picture on the receiver.
6. Select another channel on transmitter and receiver if necessary for better picture quality.
7. Volume control – adjust the knob for desired volume level.  
If you don't want to have the audio, press down Mute button to disable the sound output.
8. Bright and Contrast control – If the picture is too bright or too dark, adjust the bright and contrast controls to get the best picture quality.
9. Using Audio Mute button to disable the speaker .
10. Adjust the antenna as necessary

### Select no. of activate channel

The Monitor is setup as 4 active channel when first power up. That is, you can select either ch 1, 2, 3 or 4. In Auto mode the channel will scan through Ch 1 to 4.

However, if you have only three transmitters ( 3 channel ) in the system, you don't need to see channel 4. Then you can adjust the no. of active channel to 3.

Press and hold the AUTO/MANUAL button to select the no. of channel that is activate. When you press and hold the Auto/Manual button for 2 sec , all 4 LED will lit and if you release at that moment, all 4 channel will be activate. If you continue to hold the button, Channel 4 LED will be off and the remain 3 LEDs on. If you release the button at that moment, only Ch 1 - 3 will be activate in the scanning system. If you continue to hold the button, Ch3 LED will off and only CH 1 and Ch2 LED will be on. If you release at that moment, only Ch1 and 2 will be activate. If you continue to hold the button, then all four LED will be on again and repeat the procedure.

### Select Automatic scanning or Manual scanning

When first power on the Monitor, the system will placed the unit in Manual scanning mode, with a dwell time of 2 seconds.

The Auto LED will lit to indicate that the unit is in Auto scanning mode.

The 4 channel in the receiver can be scanning one by one in sequential order automatically.

In Auto mode, press the Auto/Manual key or Ch select key will stop the Auto scan function and place the receiver in manual mode.

In Manual mode, press the CH. Select key to select the corresponding channel that you want.

Press the Auto/Manual mode again will active the Auto scanning function.

### **- Select dwell time in Automatic mode**

(Programmable at 2 sec, 5 sec, 10 sec)

Press and hold CH select button to select different dwell time, the Auto LED will indicate the dwell time setting when you release the button.

ON LED means 2 second dwell time

If you continue to hold the button, the LED will flashing at one sec rate which means if you release the button now, then the dwell time is 5 secs.

If you continue to hold the button, the LED will flashing at three sec rate which means if you release the button now, then the dwell time is 10 secs.

## **5. Specification / Features**

Power Supply	:	AC adapter	13V 1000mA
Current consumption	:	800mA typical	
Channel Frequency	:	2411 – 2473 Mhz	
Channel Selection	:	PLL synthesizer, 4 Channel	
Modulation System	:	FM modulation	
Video output level	:	1 Vpp @ 75 Ohm	
Audio output	:	1 Vpp	
Sound output	:	0.5 Watt	
Antenna type	:	Dipole	