



AUDIOVOX®
ELECTRONICS CORP.

Rear Observation System Package Model RVMPKG2 Owner's Manual



Features:

- **Rearview Mirror with 4" LCD**
- **2 Built in Speakers**
- **Rearview Camera Input**
- **Auxiliary Video Input**
- **Video System Auto Detection for PAL/NTSC**
- **Audiovox Navigation Input**
- **Cellular Phone Hands Free Input**
- **Hands Free Microphone Built-In**

NOTE: Hands free feature may not operate with all cellular phones and/or an adapter may be required. Rearview camera optional.

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Preface

There is a blind spot that exists at the back of a vehicle while the vehicle is in reverse. Equipped with a camera, this rearview mirror/monitor ensures safety by providing the driver with a clear and wide image of the area behind the vehicle while it is in reverse.

Warning: Backing up vehicle

Do not back up vehicle while watching the mirror/monitor screen. Always look in the direction of vehicle motion. Use the mirror/monitor as an aid in safety confirmation. The distance looks different in the monitor. The actual distance is shorter than it looks in the monitor. The range of image is limited.

Cautions

1. The product is intended to assist in safe driving and to allow the driver to have a broader rearview during reversing. You, as the driver, are solely responsible for the safe operation of your vehicle and the safety of your passengers according to the country and their local traffic regulations. Do not use any features of this system to the extent it distracts you from safe driving. Your first priority while driving should always be the safe operation of your vehicle. Audiovox Electronics Corp. cannot accept any responsibility whatsoever for accidents resulting from failure to observe these precautions or safety instructions
2. You are advised not to display the external video input while driving.
3. When using the hands free feature, you should observe the road situation carefully to avoid traffic accidents.
4. Do not watch movies while driving.

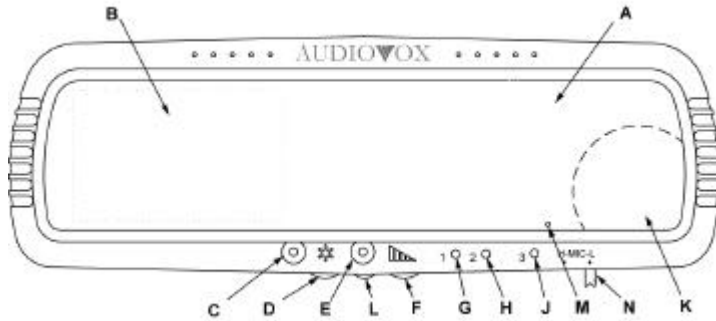


Figure 1

I. Controls and Indicators

Figure 1 illustrates the controls and indicators of the RVMPKG2 rear view mirror:

- | | |
|--|---|
| A: Rearview mirror | B: 4" LCD panel |
| C: Hands free Microphone | D: Brightness Control |
| E: Power indicator (Red when ignition is on) | F: Volume Control |
| G: Switch 1 (see below) | H: Switch 2 (see below) |
| J: Switch 3 (see below) | K: Speakers |
| L: Infra- RED receiver for Navigation remote control | M: 3-position switch for Navigation voice command display timer on rear of Mirror (30 sec., 150 sec., 300 sec.) |
| N: 2-position Switch for handfree microphone Sensitivity High/Low Select | |

Mirror controls SW1, SW2 and SW 3:

1. Vehicle Reversing:

- | | |
|-------------------|---|
| SW 1: No function | LCD automatically turns on |
| SW 2: No function | Rearview camera image appears on the mirror |
| SW 3: No function | |

2. **Vehicle driving:**

SW1: Turn on the Navigation display timer mode. When SW1 is pressed, the LED will turn yellow. The navigation image will appear for the preset time 30sec, 2.5 minutes or 5 minutes. Once the preset time has expired, the LCD will return to its previous state. The navigation image will reappear with the next voice command prompt from the navigation computer.

SW2: Turns the navigation screen image on and off. Press once to turn on the continuous Navigation display.

Press again to turn off the Navigation display. Then press SW 1 if you want to engage the Voice command navigation display timer.

SW3: When pressed and held, the rear camera image appears on the mirror. When released, the LCD will return to its previous appearance.

3. **Vehicle Parked:**

SW1: Used to turn the LCD on/off when using the AUX video and audio input. The parking brake must be engaged.

SW2: Used to turn off and on the Navigation image.

SW: 3 When pressed and held, the rear camera image appears on the mirror. When released the LCD will return back to its previous appearance.

Navigation Voice command display timer: There is a three-position switch located on the bottom right rear of the mirror/monitor. The three settings are 30 seconds, 150 seconds and 300 seconds. The vehicle operator can select to engage the navigation display timer by pressing SW 1 while the vehicle is going forward. The LED will turn yellow. The Navigation Display will appear for the preset time whenever the navigation system issues an audible voice command.

II. OPERATION

1. The Mirror/monitor is ready for operation every time the Ignition key is turned on. The mirror/monitor turns off every time the Ignition is turned to the off position.

2. How to view the rear observation camera image:
 - A. The monitor will display the rear observation camera image whenever the vehicle is shifted into the reverse gear. The rear observation camera image turns off automatically any time the gear selector is moved out of the reverse position.
 - B. If you want to view the rear observation camera image at any other time, press and hold SW #3 on the rearview mirror. The image will remain on as long as SW #3 is held on. Releasing the SW #3 will turn off the image.
 - C. The mirror/monitor can be used as regular glass rearview mirror.
3. How to view the Navigation image:

Press SW # 2 to see the navigation display continuously. Press SW #2 again to turn off the navigation display. If you want to engage the navigation voice command timed display, make sure SW#2 is pressed until the image is gone. Then press SW# 1, the LED will turn yellow and the navigation image will appear for the preset time when- ever the navigation voice command is heard (30sec,2.5 minutes or 5 minutes).

III. How to play an external audio or video signal

1. You must **always engage** the vehicle's parking brake to display any external input signal.
2. Press SW #1 once to turn on the external signal input. The image will be displayed as long as the ignition is turned on and the parking brake is on.
3. To turn off the external signal input, press SW #1 on the mirror. The external signal input will also be turned off if the parking brake is released or the ignition key is turned off.

IV. Cellular Phone Hands-Free Operation

1. Attach the round metal adhesive disc to the back of your mobile phone while not in use, and then attach the mobile phone adhesive magnetic seat to your selected spot of the dash area. By placing your cell phone with the metal disc over the center of the magnetic seat, your cell phone will be attached tightly to the dash.
2. Plug in the 2.5mm 3 bars hands-free cable into your cell phone headset jack. The other end of this cable should be connected to the control box mounted under the dash area. Note. If your cell phone does not have a 2.5mm with 3 bars headphone jack then an adapter must be used for your particular cell phone. Also not all cell phones are compatible with this mirrors hands free circuit.

3. To answer a call, press the receiving button on your cell phone as usual, the hands free system will engage automatically.
4. The volume of the other party's voice can be adjusted by turning the volume control under the bottom of the mirror on the right side.
5. To end the call, press the hang-up button. The hands free function will turn off automatically and several seconds later the system will go back to its original audio input.
6. There is a switch labeled H MIC L on the right side of the mirror. Move the switch to LOW if you hear feedback noise.

V. Volume Control

The volume adjustment control is on the right side of the bottom of the rearview mirror.

Rotating the wheel to the right will decrease the sound level. Rotating the wheel to the left will increase the volume.

VI. LCD Monitor Brightness Control

The brightness adjustment control is on the left side of the bottom of the rearview mirror.

Rotating the wheel to the right will decrease the brightness. Rotating the wheel to the left will increase the brightness.

Maintenance

Though your Rearview mirror requires little care, you can still maintain its excellent condition and performance following the procedures below.

- Keep your system away from excessive moisture, extreme heat or cold and magnetic fields.
- Keep liquids away from the display mirror.
- To avoid damage, do not place external devices or other objects on the top of the mirror.
- Occasionally wipe the rearview mirror set with soft, damp cloth.
- Occasionally clean the surface of the mirror with soft cloth moistened with water or window cleaner.



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