

# ADVENT<sup>®</sup>

**Model: LCD4WM**

**3.5" Window Mounted**

**LCD Monitor**

**User Manual**



## ***Features***

- 3.5" High Resolution TFT LCD Monitor
- Low Profile, Slim Design
- Fully Adjustable reversing guidelines
- Built in Speaker
- Two video inputs
- Fully Adjustable
- Auto brightness adjustment
- DC12V – DC24V

# Warnings

The product is intended to assist in safe driving and to allow the driver to have a broader rear view while the vehicle is in reverse. You, as the driver, are solely responsible for the safe operation of your vehicle and the safety of your passengers according to 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 Corporation cannot accept any responsibility whatsoever for accidents resulting from failure to observe these precautions or safety instructions.

1. This product utilizes high voltage. Any unauthorized modifications or damage to the product may result in electrical shock. Handle all components with care. Inspect regularly for damage to components and cabling.
2. You are responsible for ensuring that the installation of this product does not void or affect the vehicle manufacturer's warranty. Audiovox Electronics Corporation or its subsidiaries are not liable in full or in part for improper installation resulting in loss or damage to your property, or for voiding all or part of the vehicle manufacturer's warranty.
3. Do not apply excessive force to any of the components contained within this kit. Excessive force used before, during or after installation that results in a damaged or non-functional part will void all warranties.
4. Please follow the procedures in this installation manual. Improper installation or modification of this product will void all warranties.

# Product Description

This advanced high resolution monitor will show a clear picture from a reversing camera or any other video source.

The modern thin design with built in speakers are more is more advanced than competitive products.

The LCD is perfect for use on your car, truck, or van.

This wired Monitor is designed for use with an Advent camera but is compatible with most video sources and other cameras and can be connected using a standard RCA connector.

## Using the System

The LCD4WM is installed in conjunction with an Advent reverse safety camera.

The LCD4WM will automatically turn on when the vehicle is placed in Reverse. You can activate the monitor at any time by pressing the power button located on the underside of the monitor.

Press the MENU button on the front of the screen to activate the menu of settings. Cycle through the different setting by continuing to press the MENU button. Use the UP and DOWN buttons to change settings.

# Adjusting Settings

All adjustments are made in the MENU.

After three seconds of inactivity the menu will be hidden.

Four titles will show on screen:

**MENU** - Pressing the menu button will scroll through the submenu items such as VOLUME, BRIGHTNESS, AUTO BRIGHTNESS, CONTRAST, HUE, SATURATION, MIRROR, RESET, LANGUAGE, GUIDELINE (G1, G2, G3, OFF), GUIDELINE ADJUSTMENT.

**UP** - In the opening menu, the UP button increases the speaker volume. When scrolling through the submenu the UP button will increase the value of the submenu (eg Brightness).

**DOWN** - In the opening menu, the DOWN button reduces the speaker volume. When scrolling through the submenu the DOWN button will reduce the value of the submenu (eg Brightness).

**CAM SEL/POWER** - This button cycles between the different video images. It can be used to manually turn the monitor on. Once on you can cycle between the 2 camera inputs. Holding the button down for 3 seconds will turn the monitor off. By default the monitor will automatically go to the camera input last viewed.

## NOTE:

The GUIDELINE setting offers 3 different sized guidelines to be overlaid on the camera image when reversing. Suitable for Small vehicles, passenger vehicles and Pickup/SUVs. The guidelines can be moved Left & right to compensate for off center camera placement using the GUIDELINE ADJUSTMENT.

# Troubleshooting

Symptom	Solution
No power to the monitor	<ol style="list-style-type: none"> <li>1. Check that reverse power is attached to orange wire.</li> <li>2. Check that accessory power is attached to red wire</li> <li>3. Check that black is attached to vehicle body (ground)</li> <li>4. Check fuse and if blown ONLY replace is fuse of same amperage.</li> </ol>
No image from backup camera when vehicle placed in reverse	<ol style="list-style-type: none"> <li>1. Check that camera is functioning correctly</li> <li>2. Check that orange wire is attached to reverse power.</li> <li>3. Check that backup camera is attached to input CAM1.</li> </ol>
Image is mirrored or requires adjustment	<ol style="list-style-type: none"> <li>1. All settings are adjusted by pressing on the bottom right corner of the screen (*Touch) and following prompts.</li> </ol>
Sound can not be heard from Advent camera	<ol style="list-style-type: none"> <li>1. Increase volume through touch menu.</li> </ol>