

# ***Car Show***<sup>TM</sup>

## **15.4" Wide-screen Overhead LCD Monitor**



## **Installation Guide and Owner's Manual**

RES PN 9100167-90 Rev A

## Table of Contents

<b>Section</b>	<b>Title</b>	<b>Page</b>
<b>1</b>	<b>Specification</b>	<b>3</b>
<b>2</b>	<b>Installation</b>	<b>4</b>
<b>3</b>	<b>Operation</b>	<b>8</b>
<b>4</b>	<b>On-Screen Displays (OSDs)</b>	<b>10</b>
<b>5</b>	<b>Description of wiring</b>	<b>12</b>
<b>6</b>	<b>Precautions</b>	<b>13</b>
<b>7</b>	<b>Screws included</b>	<b>14</b>

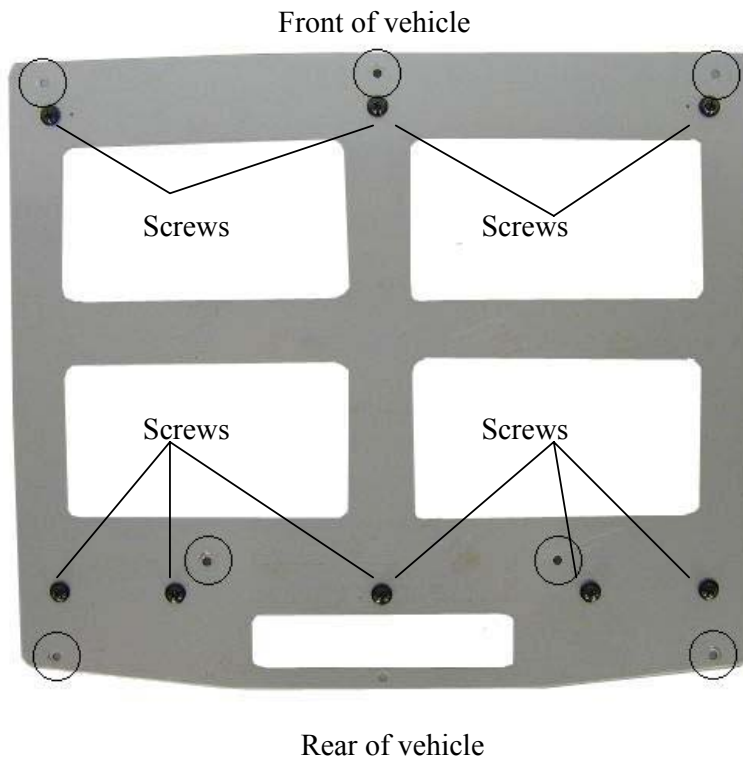
# 1. Specifications, 15.4 Inch Monitor

<b>Resolution</b>	1280(H) × 800(V)	
<b>Display area</b>	331.2(W) × 207.0(H)	
<b>Size</b>	15.4" TFT	
<b>Video input</b>	Composite Video(RCA)(F) ×2 (NTSC,PAL,SECAM)	
<b>Audio input</b>	Stereo Sound Input (RCA)(F) ×2	
<b>Audio output</b>	Stereo Sound output (RCA)(F) ×1	
	IR Transmitter 2.3MHz&2.8MHz	
<b>Video output</b>	Composite Video(RCA)(F) ×1 (NTSC,PAL,SECAM)	
<b>Power input</b>	DC 12V Negative Ground	
<b>Control function</b>	Display Key (6 Key)Control	
	Remote Key Control	
<b>Adjustment</b>	BRIGHTNESS CONTRAST SHARPNESS HUE SATURATION	
<b>Power consumption</b>	3A (MAX)	
<b>Temperature</b>	Working: 0~50°C, Storage: 0~60°C	
<b>Size/Weight</b>	L:355.60mm, W:349.50mm, H:46.00mm 4kg ±200g	

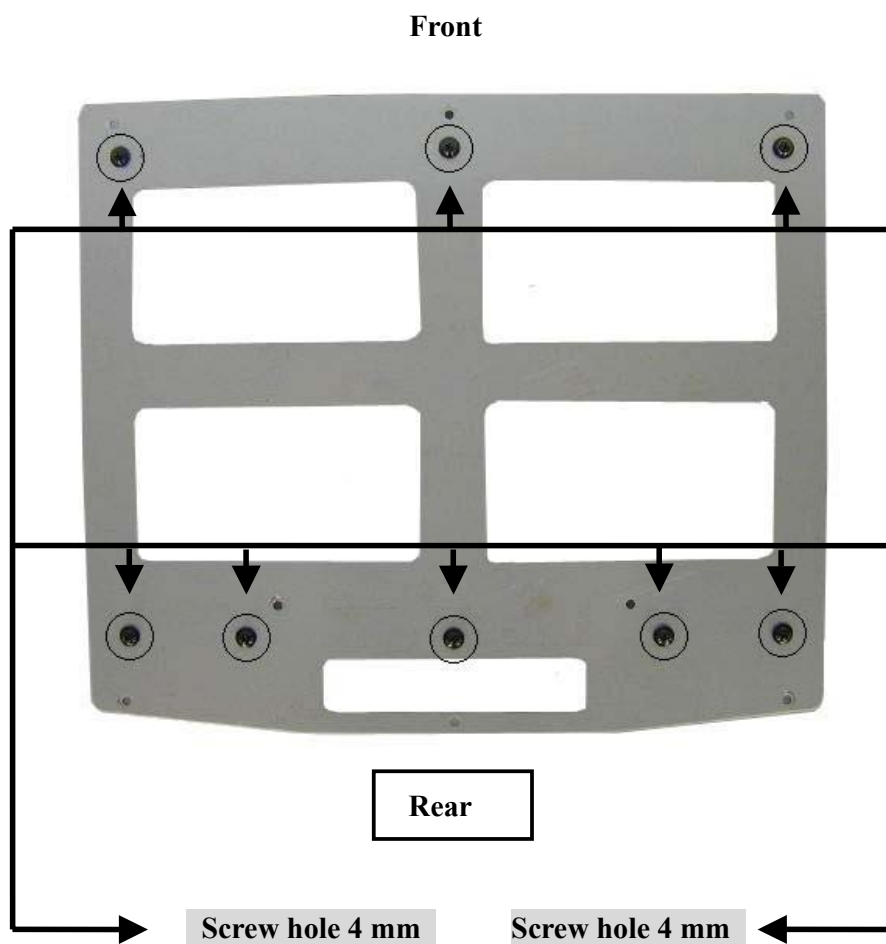
## 2. Installation

**Step 1: Mount the bracket above the headliner to the roof beam. IMPORTANT! The bracket is directional!**

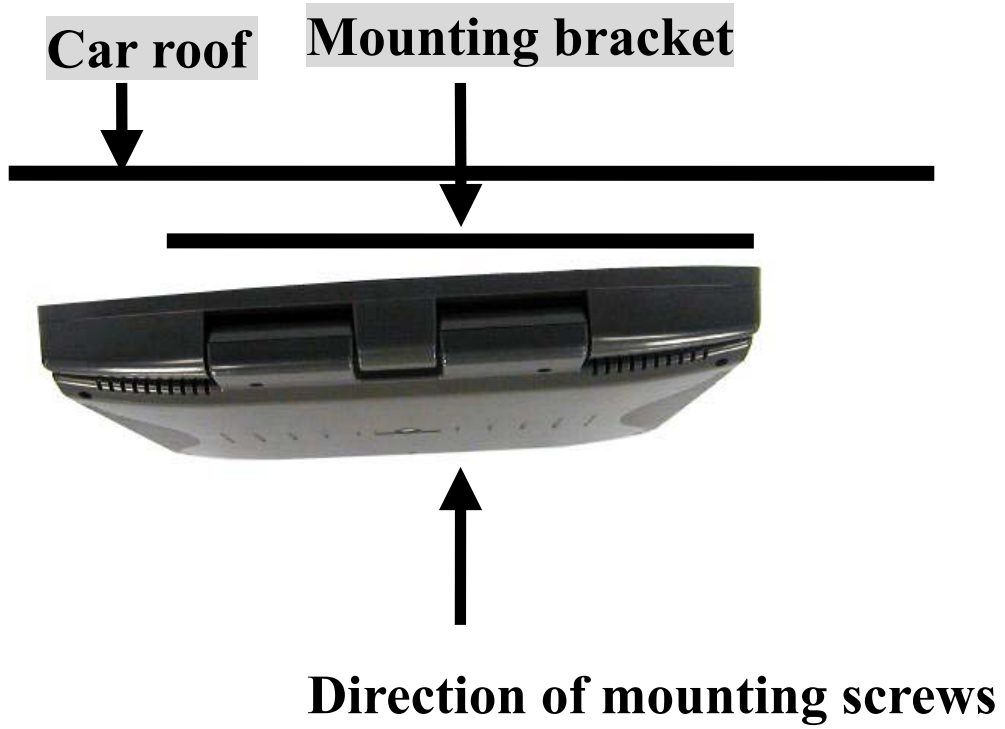
Please use screws in the holes indicated to mount the bracket to the vehicle. IMPORTANT! NEVER USE SCREWS THAT COULD DAMAGE THE VEHICLE ROOF IN ANY WAY!



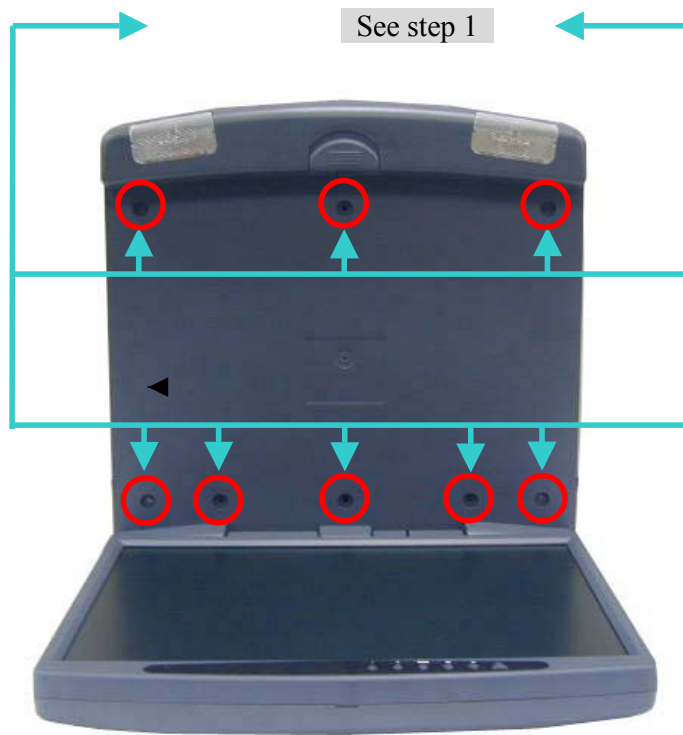
**Step 2: Make sure that the headliner allows the monitor mounting screws to travel from the monitor to the bracket.**



**Step 2 continued:**



**Step 3: Mount the monitor to the bracket using the supplied screws. IMPORTANT! NEVER use any screws except those provided with the unit! NEVER use any screw which would damage the vehicle roof!**

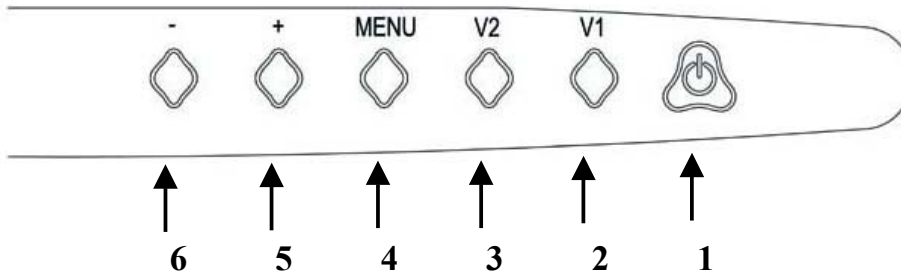


**Completed**



## 3. Operation

**VIDEO control keys :**



1. **Power** : When you push this button, it will turn ON or OFF the LCD power.
2. **V1** : Video input 1. When you push this button, it will show the picture from the source unit connected to video input 1.
3. **V2** : Video input 2. When you push this button, it will show the picture from the source unit connected to video input 2.
4. **MENU/SELECT** : When you press this key, a menu will appear. Use the + and – keys to highlight menu selections. When the desired selection is highlighted, press the MENU/SELECT button again to change to that selection.
5. **+** : When you push this button, you will move *up* in a menu, or *increase* the value of the setting you have selected.
6. **–** : When you push this button, you will move *down* in a menu, or *decrease* the value of the setting you have selected.

## **VIDEO remote control function :**



**POWER :** When you push this button, the LCD will turn ON or OFF.

**V1/V2 :** Pressing this key, switches between Video Inputs 1 and 2.

**MENU :** When you press this key, a menu will appear. Use the + and – keys to highlight menu selections. When the desired selection is highlighted, press the MENU/SELECT button again to change to that selection.

**UP :** When you push this button, you will move *up* in a menu, or *increase* the value of the setting you have selected.

**DOWN** : When you push this button, you will move *down* in a menu, or *decrease* the value of the setting you have selected.

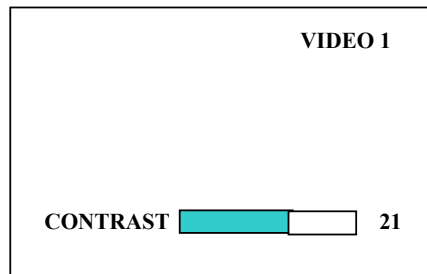
## 4. On-Screen Displays (OSDs)

### OSD MENU LIST

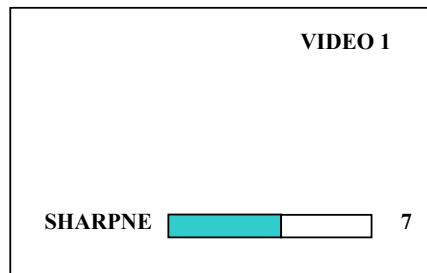
**BRIGHTNESS :**  
Adjust the Brightness of Screen.  
Adjustment Area : 0 ~ 15



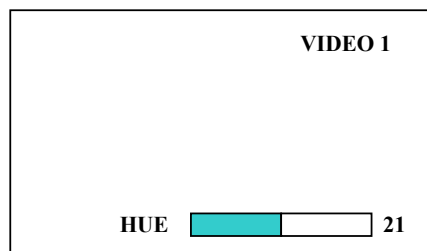
**CONTRAST :**  
Adjust the Contrast of Screen  
Adjustment Area: 0 ~ 31



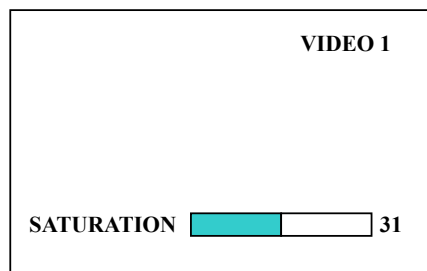
**SHARPNESS :**  
Adjust the Sharpness of Screen  
Adjustment Area: 0 ~ 15



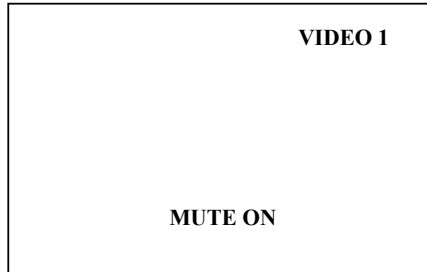
**HUE:**  
Adjust the Hue of the screen  
Adjustment Area: 0 ~ 62



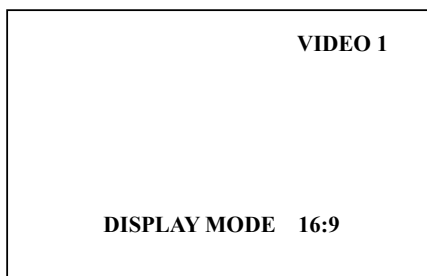
**SATURATION:**  
Adjust the Saturation of picture  
Adjustment Area: 0 ~ 62



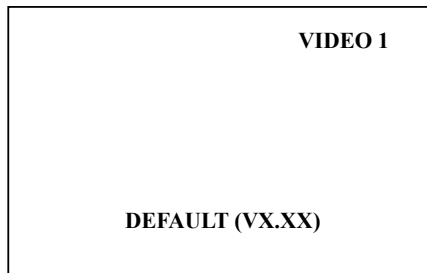
**MUTE ON :**  
**Turn Mute function on and off.**



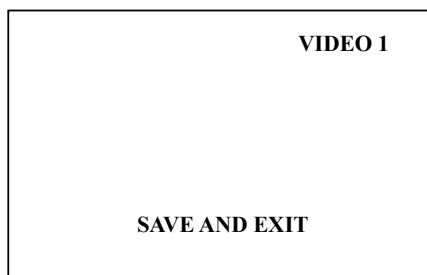
**DISPLAY MODE:**  
**Adjust the display mode to 16:9 (widescreen) , 4:3 (standard television), or 16:9 FULL (pan-and-scan).**




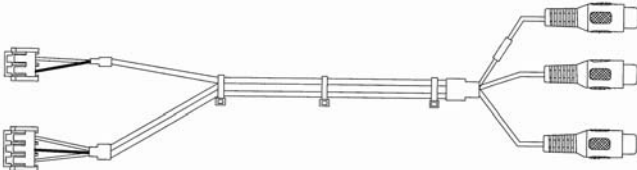
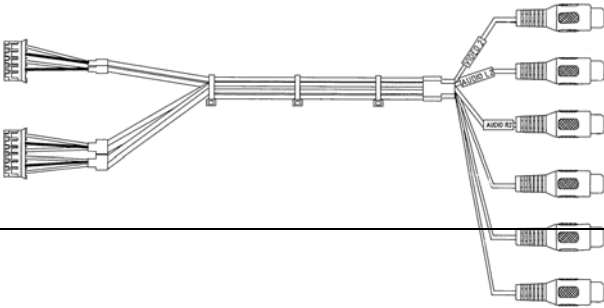
**DEFAULT :**  
**Return to the original Setting of LCD.**



**SAVE AND EXIT :**  
**Save your Personal Setting and exit to Menu Mode.**



## 5. Description of harnesses and wiring

	Accessories	Description
1.		<p><b><u>Power input harness:</u></b>  <b>Yellow: ACC 12V(+) switched</b>  <b>IMPORTANT! DO NOT CONNECT YELLOW TO CONSTANT 12V(+)</b>  <b>Black: Chassis GND</b></p>
2		<p><b><u>A/V Output harness:</u></b>  <b>Yellow : video output</b>  <b>Red : audio output(R)</b>  <b>White : audio output(L)</b></p> <p><i>Note: This harness is optional and not used in some installations.</i></p>
3		<p><b><u>A/V Input harness:</u></b>  <i>Note: See wire labels for Input 1 and 2 identification.</i>  <b>Yellow : video input 1 &amp; 2</b>  <b>Red : R Channel audio input 1 &amp; 2</b></p>
		<p><b>White : L Channel audio input 1 &amp; 2</b></p>
4	<p><b>Optional infrared wireless headphones (not included)</b></p>	<p><del>Wireless headphone receiving</del>  <b>2.3MHz/2.8MHz</b>  <b>HEADPHONE NOT INCLUDED!</b></p>

## **7. Precautions**

- 1. Do not apply pressure to the LCD screen.**
- 2. Do not get LCD wet to clean it! If you need to clean it, please use a clean damp cloth.**
- 3. Please do not add any parts or use any accessory which is not provided from the manufacturer.**
- 4. Don't use or store in high temperature. (Storage 0~70°C, Operating ~60°C)**
- 5. When you connect power, please make sure Positive and Negative are correct, or damage could result.**
- 6. Please be careful when moving the monitor, so as not to damage the LCD.**
- 7. THIS VIDEO ENTERTAINMENT SYSTEM, LIKE ALL OVERHEAD VIDEO PRODUCTS, IS NOT INTENDED FOR VIEWING BY THE DRIVER, AND IS TO BE INSTALLED ONLY TO BE VIEWED BY REAR-SEAT OCCUPANTS. IMPROPER INSTALLATION COULD DISTRACT THE DRIVER OR INTERFERE WITH SAFE OPERATION OF THE VEHICLE, WHICH COULD RESULT IN SERIOUS INJURY OR DEATH, AND COULD ALSO VIOLATE STATE LAW. THE SUPPLIER DISCLAIMS ANY LIABILITY FOR ANY BODILY INJURY OR PROPERTY DAMAGE THAT MAY RESULT FROM ANY IMPROPER OR UNINTENDED INSTALLATION AND/OR USE.**

### **WHEN YOU DO THE INSTALLATION:**

- 1. Please connect the power to ACC, instead of IGN or BAT.**
- 2. If you connect the power to IGN, the monitor might shut down when you start the engine.**
- 3. If the monitor shuts down when you start the car, please re-start the car.**

## **8. Screws included**

**1:M4×0.7 L= 5 mm screw×10**

**2:ψ4 L= 10 mm screw×10**