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NOTE!

*Please read all of the installation instructions carefully before installing the product. Improper installation will void manufacturer’s warranty.*

**Congratulations** on purchasing a Rear View Backup Camera System!

With this manual you will be able to properly install and operate the unit.

The Backup Camera System is intended to be installed as a supplement aid to your standard rear view mirror that already exists in your vehicle. The Backup Camera System should not be used as a substitute for the standard rear view mirror or for any other mirror that exists in your vehicle.

In some jurisdictions, it is unlawful for a person to drive a motor vehicle equipped with a TV viewer or screen located forward of the back of the driver’s seat or in any location that is visible, directly or indirectly, to the driver while operating the vehicle.
Please read the entire manual and follow the instructions and warnings carefully. Failure to do so can cause serious damage and/or injury, including loss of life. Be sure to obey all applicable local traffic and motor vehicle regulations as it pertains to this product. Improper installation will void manufacturer’s warranty.

**USAGE:**

- The Rear View Camera System is designed to help the driver safely detect people and/or objects helping to avoid damage or injury. However, you the driver, must use it properly. Use of this system is not a substitute for safe, proper or legal driving.

- Never back up while looking at the monitor alone. You should always check behind and around the vehicle when backing up, in the same way as you would if the vehicle did not have the Rear View Camera System. If you back up while looking only at the monitor, you may cause damage or injury. Always back up slowly.

- The Rear View Camera System is not intended for use during extensive back-up maneuvers or backing into cross traffic or pedestrian walk-ways.

- Please, always remember, the area displayed by the Rear View Camera System is limited. It does not display the entire panorama that is behind you.
**INSTALLATION:**

- Electric shock or product malfunction may occur if this product is installed incorrectly.

- Use this product within the voltage range specified. Failure to do so can cause electronic shock or product malfunction.

- Take special care when cleaning the monitor.

- Make sure to firmly affix the product before use.

- If smoke or a burning smell is detected, disconnect the system immediately.

- Where the power cable may touch a metal case, cover the cable with friction tape. A short circuit or disconnected wire may cause a fire.

- While installing the Rear View System be careful with the wire positioning in order to avoid wire damage.

- The Rear View System should only be used when the vehicle is in reverse.

- Do not watch movies or operate the monitor while driving; as it may cause an accident.

- Do not install the monitor where it may obstruct drivers view or obstruct an air bag device.

- Dropping the unit may cause possible mechanical failure.
If you have questions about this product, contact:

Rear View Safety
1797 Atlantic Avenue
Brooklyn, NY 11233
Tel: 1.800.764.1028

IN NO EVENT SHALL SELLER OR MANUFACTURER BE LIABLE FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES OF ANY NATURE, OR LOSSES OR EXPENSES RESULTING FROM ANY DEFECTIVE PRODUCT OR THE USE OF ANY PRODUCT.
Before drilling please check that no cable or wiring is on the other side of the wall. Please clamp all wires securely to reduce the possibility of them being damaged while vehicle is in use. Keep all cables away from hot/moving parts and electrical noisy components.

*We recommend doing a benchmark test before installation to insure that all components are working properly.*

Step 1: Choose the monitor and camera locations.

Step 2: Install all cables in vehicle, when necessary a 0.8 (20mm) hole should be drilled for passing camera cable through vehicles walls. Install split grommets where applicable.

Step 3: Once all cables and wiring have been properly routed, perform a system function test by temporarily connecting the system.
Monitor Introduction

1) Digital Color LCD Screen
2) Power Indicator/Remote Control Sensor
3) Power Switch
4) Toggle Brightness Down
5) Toggle Brightness Down
6) Channel Selection
7) Menu
8) Toggle AV1/AV2/AV3
9) Speaker
10) Mounting Bracket
1) To Monitor
2) White 5 Pin Male
3) Blue 5 Pin Male
4) Brown 5 Pin Male
5) Red Power (DC 10-32V)
6) White Wire (Trigger Wire For Left Turn Signal)
7) Black (GND)
8) Blue Wire (Trigger Wire For Left Turn Signal)
9) Brown Wire (Trigger Wire For Reverse)
10) Camera Cable (Not Included)
11) Camera Cable (Not Included)
12) Camera Cable (Not Included)
Remote Introduction

1) **MUTE** - Enable/disable sound
2) **POWER** - Turn monitor on/off
3) **HORIZONTAL FLIP**: Toggle picture horizontally
4) **CHANNEL UP**: Toggle Selection Up
5) **VERTICAL FLIP**: Toggle picture vertically
6) **BRIGHTNESS DECREASE**: Toggle brightness down
7) **MENU**: Show menu
8) **BRIGHTNESS INCREASE**: Toggle brightness up
9) **CHANNEL DOWN**: Toggle Selection Down
10) **PICTURE MODE**: Toggle picture modes: Personal/Standard/Soft/Vivid/Light
11) **CALL**: Display video channel source
12) **TIMER**: Toggle timer to shut down monitor: 10/20/30/40/90mins
13) **LANGUAGE**: Toggle language: English, Deutsch, Français, Español, Português, Italiano, Nederlands, Русский
14) **SYSTEM**: Toggle AUTO/PAL/NTSC
15) **SELECT**: Toggle Camera Channels

**Triggers**

When the white wire is attached to positive left turn signal, the monitor will automatically switch to CAM1 (left side camera) when left turn signal is used.
When the blue wire is attached to positive right turn signal, the monitor will automatically switch to CAM1 (right side camera) when right turn signal is used.

When the brown wire is attached to reverse signal, the monitor will automatically switch to CAM3 (backup camera) when the vehicle is put into reverse. The distance grid lines will also display.

Press M to display the following options and settings.
1) PICTURE
2) OPTION
3) SYSTEM
4) AUTO SCAN
Picture

BRIGHT, CONTRAST, COLOR, VOLUME, AUTO DIM and SCALE ADJUST options will display on the screen as illustrated below:

- Press **\(\downarrow\)** to select **BRIGHT**.

<table>
<thead>
<tr>
<th>PICTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BRIGHT</strong></td>
</tr>
<tr>
<td>CONTRAST</td>
</tr>
<tr>
<td>COLOR</td>
</tr>
<tr>
<td>VOLUME</td>
</tr>
<tr>
<td>AUTO DIM</td>
</tr>
<tr>
<td>SCALE ADJUST</td>
</tr>
</tbody>
</table>

Press **+ / -** to adjust the brightness level.

- Dim mode
  - PICTURE
    - DIM BRIGHT 40
    - DIM CONTRAST 45
    - DIM COLOR 40
    - VOLUME 50
    - AUTO DIM ON
    - SCALE ADJUST OFF

- Normal mode
  - PICTURE
    - BRIGHT 50
    - CONTRAST 50
    - COLOR 50
    - VOLUME 50
    - AUTO DIM ON
    - SCALE ADJUST OFF
Press \( \downarrow \) to select SCALE ADJUST.

<table>
<thead>
<tr>
<th>Option</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PICTURE</td>
<td>50</td>
</tr>
<tr>
<td>BRIGHT</td>
<td>50</td>
</tr>
<tr>
<td>CONTRAST</td>
<td>50</td>
</tr>
<tr>
<td>COLOR</td>
<td>50</td>
</tr>
<tr>
<td>VOLUME</td>
<td>50</td>
</tr>
<tr>
<td>AUTO DIM</td>
<td>OFF</td>
</tr>
<tr>
<td>SCALE ADJUST</td>
<td>OFF</td>
</tr>
</tbody>
</table>

Press +/- to select \( \uparrow \downarrow \) or \( \leftarrow \rightarrow \) for scale adjustment.

Exit menu and again press \( \downarrow \) to display distance grid lines.

If \( \uparrow \) is selected, press +/- to adjust the scale up/down; if \( \leftarrow \rightarrow \) is selected, press +/- to adjust the scale left/right.

**Option**

LANG, SCALE, CAM1, CAM2, CAM3 options display on the screen as illustrated on next page.
● Press ▼ to select LANG.

<table>
<thead>
<tr>
<th>OPTION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LANG</td>
<td>ENGLISH</td>
</tr>
<tr>
<td>SCALE</td>
<td>ON</td>
</tr>
<tr>
<td>CAM1</td>
<td>NORMAL</td>
</tr>
<tr>
<td>CAM2</td>
<td>NORMAL</td>
</tr>
<tr>
<td>CAM3</td>
<td>NORMAL</td>
</tr>
</tbody>
</table>

Press + / − to select English/ Deutsch/ Français/ Español/ Português/ Italiano/ Nederlands / Русский

● Press ▼ to select SCALE.

<table>
<thead>
<tr>
<th>OPTION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LANG</td>
<td>ENGLISH</td>
</tr>
<tr>
<td>SCALE</td>
<td>ON</td>
</tr>
<tr>
<td>CAM1</td>
<td>NORMAL</td>
</tr>
<tr>
<td>CAM2</td>
<td>NORMAL</td>
</tr>
<tr>
<td>CAM3</td>
<td>NORMAL</td>
</tr>
</tbody>
</table>

Press + / − to select ON / OFF. Scale refers to the reversing distance indicator displayed on the monitor.

● Press ▼ to select CAM1.

<table>
<thead>
<tr>
<th>OPTION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LANG</td>
<td>ENGLISH</td>
</tr>
<tr>
<td>SCALE</td>
<td>ON</td>
</tr>
<tr>
<td>CAM1</td>
<td>NORMAL</td>
</tr>
<tr>
<td>CAM2</td>
<td>NORMAL</td>
</tr>
<tr>
<td>CAM3</td>
<td>NORMAL</td>
</tr>
</tbody>
</table>

Press + / − to select NORMAL / MIRROR.
System

- Press ▼ to select COLOR-SYS.

```
SYSTEM

<table>
<thead>
<tr>
<th>COLOR-SYS</th>
<th>AUTO</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUE BACK</td>
<td>ON</td>
</tr>
<tr>
<td>HORIZONTAL</td>
<td></td>
</tr>
<tr>
<td>VERTICAL</td>
<td>‾‾</td>
</tr>
<tr>
<td>ZOOM</td>
<td>16:9</td>
</tr>
</tbody>
</table>
```

Press + / − to select AUTO / PAL / NTSC.

- Press ▼ to select ZOOM.

```
SYSTEM

<table>
<thead>
<tr>
<th>COLOR-SYS</th>
<th>AUTO</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUE BACK</td>
<td>ON</td>
</tr>
<tr>
<td>HORIZONTAL</td>
<td></td>
</tr>
<tr>
<td>VERTICAL</td>
<td>‾‾</td>
</tr>
<tr>
<td>ZOOM</td>
<td>16:9</td>
</tr>
</tbody>
</table>
```

Press + / − to select 4:3.

Auto Scan

- Press ▼ to select SCAN TIME.

```
AUTO SCAN

| AUTO SCAN | ON |
| SCAN TIME | 5s |
| CAM1      | OFF|
| CAM2      | OFF|
| CAM3      | OFF|
```

Press + / − to select 1S–90S.
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Causes/Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>No picture, no sound</td>
<td>Improper power connection of automobile adapter. Use of unauthorized power supply. Power switch is on OFF position.</td>
</tr>
<tr>
<td>No picture</td>
<td>Check whether AV cable is properly connected.</td>
</tr>
<tr>
<td>No sound</td>
<td>Check whether audio wire is properly connected or sound volume is turned off or set too low.</td>
</tr>
<tr>
<td>Dark picture</td>
<td>Check whether brightness and contrast are adjusted correctly; Check whether the environments temperature is too low.</td>
</tr>
<tr>
<td>No color</td>
<td>Adjust the color settings.</td>
</tr>
<tr>
<td>Upside down or lateral inverted picture</td>
<td>Use the remote control horizontal /vertical selection switch to set proper orientation.</td>
</tr>
<tr>
<td>No reversing function (i.e. Picture)</td>
<td>The brown wire of the monitor AV cable to the reversing light could be loose. The red wire from the monitor may be loose.</td>
</tr>
</tbody>
</table>
ONE YEAR WARRANTY

REAR VIEW SAFETY, INC. WARRANTS THIS PRODUCT AGAINST MATERIAL DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF PURCHASE. WE RESERVE THE RIGHT TO REPAIR OR REPLACE ANY SUCH DEFECTIVE UNIT AT OUR SOLE DISCRETION. REAR VIEW SAFETY, INC. IS NOT RESPONSIBLE FOR A DEFECT IN THE SYSTEM AS A RESULT OF MISUSE, IMPROPER INSTALLATION, DAMAGE OR MISHANDLING OF THE ELECTRONIC COMPONENTS. REAR VIEW SAFETY, INC. IS NOT RESPONSIBLE FOR CONSEQUENTIAL DAMAGES OF ANY KIND.

THIS WARRANTY IS VOID IF: DEFECTS IN MATERIALS OR WORKMANSHIP OR DAMAGES RESULT FROM REPAIRS OR ALTERATIONS WHICH HAVE BEEN MADE OR ATTEMPTED BY OTHERS OR THE UNAUTHORIZED USE OF NONCONFORMING PARTS; THE DAMAGE IS DUE TO NORMAL WEAR AND TEAR, THIS DAMAGE IS DUE TO ABUSE, IMPROPER MAINTENANCE, NEGLECT OR ACCIDENT; OR THE DAMAGE IS DUE TO USE OF THE REAR VIEW SAFETY, INC. SYSTEM AFTER PARTIAL FAILURE OR USE WITH IMPROPER ACCESSORIES.

WARRANTY PERFORMANCE

DURING THE ABOVE WARRANTY PERIOD, SHOULD YOUR REAR VIEW SAFETY PRODUCT EXHIBIT A DEFECT IN MATERIAL OR WORKMANSHIP, SUCH DEFECT WILL BE REPAIRED WHEN THE COMPLETE REAR VIEW SAFETY, INC. PRODUCT IS RETURNED, POSTAGE PREPAID AND INSURED, TO REAR VIEW SAFETY, INC. OTHER THAN THE POSTAGE AND INSURANCE REQUIREMENT, NO CHARGE WILL BE MADE FOR REPAIRS COVERED BY THIS WARRANTY.

WARRANTY DISCLAIMERS

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DISCLAIMER

REAR VIEW SAFETY AND/OR ITS AFFILIATES DOES NOT GUARANTEE OR PROMISE THAT THE USER OF OUR SYSTEMS WILL NOT BE IN PART OF AN ACCIDENT OR OTHERWISE NOT COLLIDE WITH AN OBJECT AND/OR PERSON. OUR SYSTEMS ARE NOT A SUBSTITUTE FOR CAREFUL AND CAUTIOUS DRIVING OR FOR THE CONSISTENT ADHERENCE TO ALL APPLICABLE TRAFFIC LAWS AND MOTOR VEHICLE SAFETY REGULATIONS. THE REAR VIEW SAFETY PRODUCTS ARE NOT A SUBSTITUTE FOR REARVIEW MIRRORS OR FOR ANY OTHER MOTOR VEHICLE EQUIPMENT MANDATED BY LAW. OUR CAMERA SYSTEMS HAVE A LIMITED FIELD OF VISION AND DO NOT PROVIDE A COMPREHENSIVE VIEW OF THE REAR OR SIDE AREA OF THE VEHICLE. ALWAYS MAKE SURE TO LOOK AROUND YOUR VEHICLE AND USE YOUR MIRRORS TO CONFIRM REARWARD CLEARANCE AND THAT YOUR VEHICLE CAN MANEUVER SAFELY. REAR VIEW SAFETY AND/OR ITS AFFILIATES SHALL HAVE NO RESPONSIBILITY OR LIABILITY FOR DAMAGE AND/OR INJURY RESULTING FROM ACCIDENTS OCCURRING WITH VEHICLES HAVING SOME OF REAR VIEW SAFETY PRODUCTS INSTALLED AND REAR VIEW SAFETY AND/OR ITS AFFILIATES, THE MANUFACTURER, DISTRIBUTOR AND SELLER SHALL NOT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE, INCIDENTAL OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INTENDED USE OF THE PRODUCT. IN NO EVENT SHALL REAR VIEW SAFETY AND/OR ITS AFFILIATES HAVE ANY LIABILITY FOR ANY LOSSES (WHETHER DIRECT OR INDIRECT, IN CONTRACT, TORT OR OTHERWISE) INCURRED IN CONNECTION WITH THE SYSTEMS, INCLUDING BUT NOT LIMITED TO DAMAGED PROPERTY, PERSONAL INJURY AND/OR LOSS OF LIFE. NEITHER SHALL REAR VIEW SAFETY AND/OR ITS AFFILIATES HAVE ANY LIABILITY FOR ANY DECISION, ACTION OR INACTION TAKEN BY ANY PERSON IN RELIANCE ON REAR VIEW SAFETY SYSTEMS, OR FOR ANY DELAYS, INACCURACIES AND/OR ERRORS IN CONNECTION WITH OUR SYSTEMS FUNCTIONS.
If you have any questions about this product, contact:

*Rear View Safety, Inc.*
1797 Atlantic Avenue
Brooklyn, NY 11233
800.764.1028

*Better Cameras. Better Service.*
*IT’S OUR GUARANTEE.*