RVS-6137-DVR

7" LED Digital Color Rear View Monitor with RCA and DVR Connections



Instruction Manual

RVS
A Safe Fleet Brand

© Rear View Safety 2021



System Description. 3
Safety Basics 4
Usage Basics 5
Safety Basics 6
Before You Begin. 7
Monitor Bracket Installation. . . . . 8 - 9
Cable Connection 10
Navigating the Menu 11
Troubleshooting. 12
Specifications. 13
Warranty. 14
Disclaimer. 15

© Rear View Safety



WARNING

RISK OF ELECTRIC SHOCK
DO NOT OPEN



Congratulations on purchasing this Rear View Backup Monitor! With this manual you will be able to properly install and operate this item.

One of our keystone monitors, the RVS-6137-DVR is a high quality 7" LED Digital Panel display and is equipped with auto-dimming and a built-in speaker.

Back-lit buttons illuminate in the dark for easy use, and optional distance grid lines can be adjusted based on camera placement.

Conveniently switch between mirror and normal image for any connected DVR. The monitor features convenient RCA connectors.

Rear View Safety, 1797 Atlantic Ave., Brooklyn NY 11233
800.764.1028 sales@rearviewsafety.com
www.rearviewsafety.com

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.

IMPORTANT USAGE WARNING

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.

Rear View Camera Systems are not intended for use during extensive back-up maneuvers or backing into cross traffic or pedestrian walkways.

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.

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.

SAFETY INFORMATION



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 a friction tape. A short circuit or disconnected wire may cause a fire.



While installing 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.

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 or moving parts and electrical noisy components.

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

CABLE INSTALLATION

Step 1:
Be sure to position the cable properly. Rear View Safety cables use aircraft grade connectors which means the cable can be exposed to all weather elements. Do not run the cable over sharp edges, do not kink the cable and keep away from HOT and rotating parts.

Step 2:
Fasten all cables and secure all excess cable.

MONITOR INSTALLATION

Step 1:
To Attach the Pedestal mount to the dashboard or to the headliner use self-tapping screws and/or the adhesive pad.

Step 2:
Attach monitor to mount, and adjust mounting angle to allow optimum driver viewing comfort. (See figure 1.1 on page 8)

© Rear View Safety

Rear View Safety, 1797 Atlantic Ave., Brooklyn NY 11233
800.764.1028 sales@rearviewsafety.com
www.rearviewsafety.com

MONITOR DIAGRAM

Installation of U Bracket

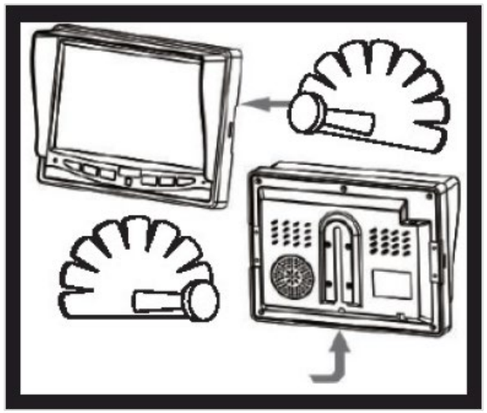


Figure 1.1

Installation of Flushmount Bracket

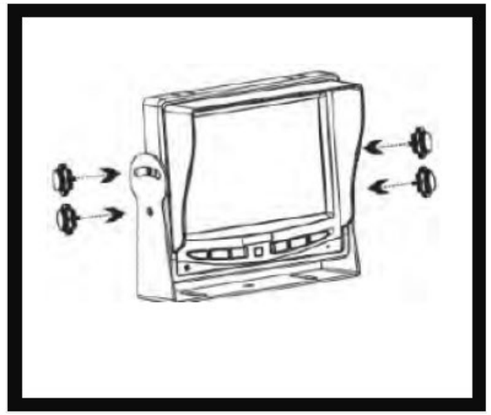


Figure 1.2

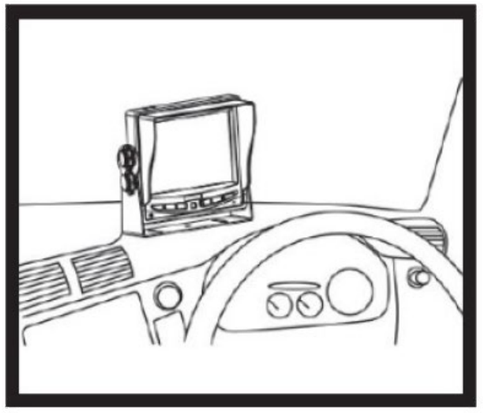


Figure 1.3

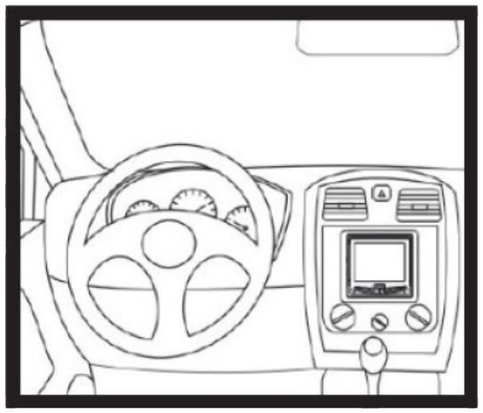
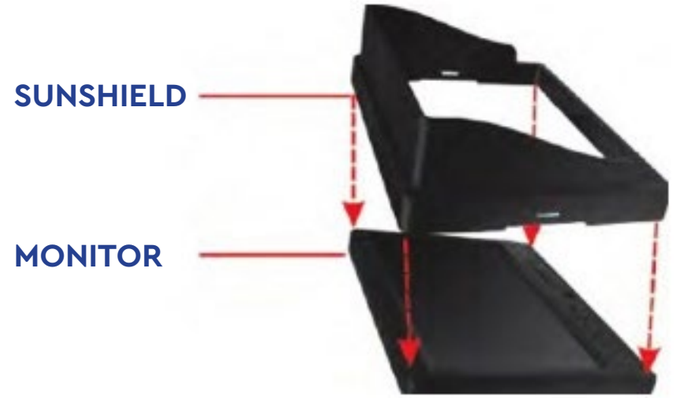


Figure 1.4

INSTALLING SUNSHIELD



Step 1) Put sunshield cover on the display.

Step 2) Put the monitor with sunshield cover in the back cover (only for embedded monitor)

SPLITTING BACK COVER



Hold monitor with 2 hands and detach with fingers, as indicated by arrows. (only for embedded monitor)

SPLITTING SUNSHIELD

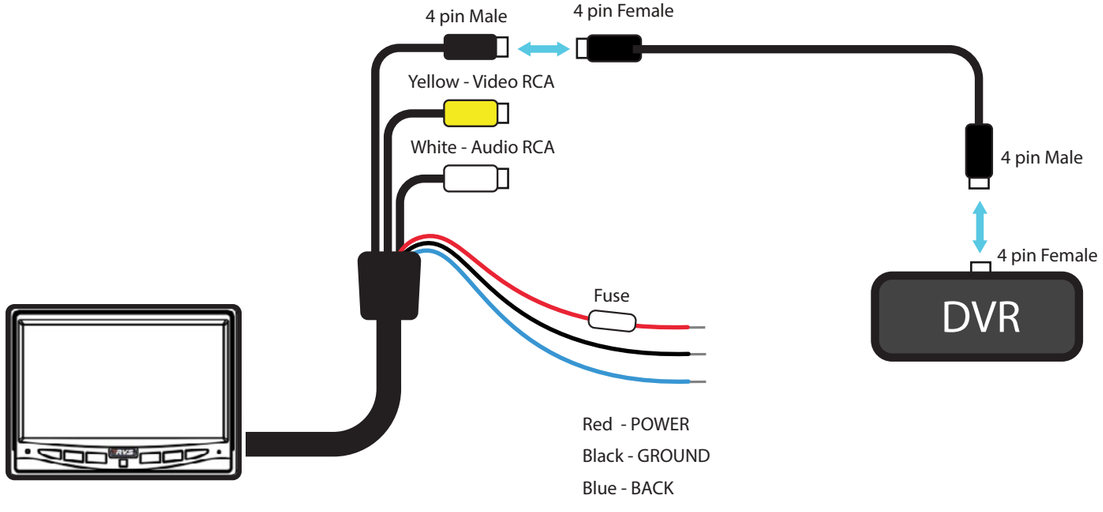


Take the monitor with the left hand and detach with right hand as indicated by the white arrow. (See image)

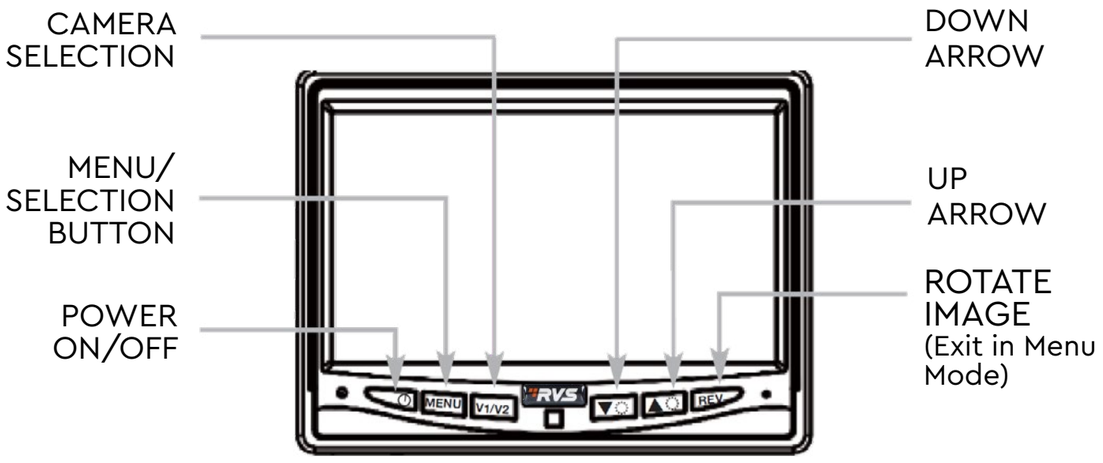
© Rear View Safety

Rear View Safety, 1797 Atlantic Ave., Brooklyn NY 11233
800.764.1028 sales@rearviewsafety.com
www.rearviewsafety.com

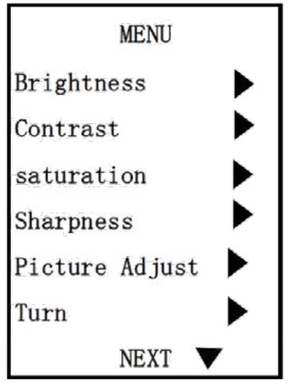
INSTALLING MONITOR

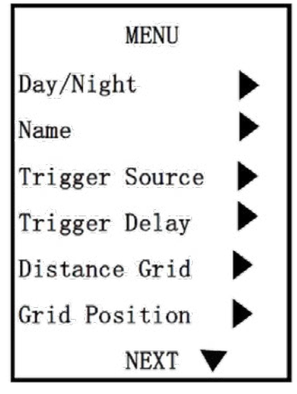


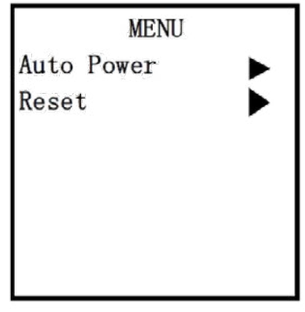
MONITOR OPERATIONS



NAVIGATING MENU







MENU DESCRIPTIONS

- "Brightness" "Contrast "Saturation" "Sharpness": adjust image properties
- Picture Adjust: Stretch image horizontally (right/left and left/right)
- Turn: Toggle between mirror/normal image on each individual channel
- Day/Night: Toggle between back-lit buttons and auto dimming
- Name: Change name of each individual channel
- Trigger source: Toggle channel destination for each trigger
- Distance Grid: Toggle which channel distance grid lines will display on
- Grid Position: Adjust grid lines
- Reset: Reset to default factory settings
- Auto Power Options
  - On: Monitor will automatically turn on when powered.
  - Off: Monitor will only turn on when triggered.
  - Auto: Monitor will follow previous state.

© Rear View Safety
Rear View Safety, 1797 Atlantic Ave., Brooklyn NY 11233
800.764.1028 sales@rearviewsafety.com
www.rearviewsafety.com

TROUBLESHOOTING

PROBLEM	SOLUTION
Monitor Displays Blue Screen (and/or) No Signal Display	• Do a hard reset, unplug all cables leave out for 1 minute and then re-connect them • Check to ensure that the connection to the camera is tight. • Verify camera cable is plugged into port labeled Backup Camera • Verify that the blue positive trigger on power harness is put to power 12v+ *If problem persists, verify that alternate ports work. If alternate ports do not work, remove Blue Trigger wire from 12V+ and select alternate channel.*
Monitor Will Not Power-Up (no backlight on power button)	• Check fuse • Check 12v+ to monitor • Check ground connection
No Image on Screen	• Verify camera is on correct camera input • Verify cable is connected to monitor • Verify camera is connected to cable • Connect known working camera & cable to monitor • Verify Blue trigger is receiving power
No Audio from Camera	• Verify chosen camera has audio • Verify volume setting

© Rear View Safety

MONITOR SPECIFICATIONS

Type	LED Digital Panel
Screen Size	7"
Dot Resolution	800 X 3 (RGB) X 480
Display Format	16:09
Contrast	500:01
Display Brightness	400 CD/m²
Viewing Angle	Up: 50° / Down: 60° Left: 70° / Right: 70°
Video Input	2 Channels
Video Source	1VP-P, 75Ω
Power Supply	DC 9V – 32V
Power Consumption	5W
Audio Output	0.5W speaker
Operating Temperature	-20°C ~ +70° C
Storage Temperature	-30°C ~ +85°C
Video System Auto	Auto NTSC/PAL
Overall Dimensions	7" (L) X 5.25" (H) X 1" (D)
Weight	400G
Vibration Rating	5G
Dot Pitch	0.1926 (H) X 0.1710 (V)MM
Active Area	154.08(H) X 85.92(v)mm
Sync System	Internal

RVS A Safe Fleet Brand
Rear View Safety, 1797 Atlantic Ave., Brooklyn NY 11233
800.764.1028 sales@rearviewsafety.com
www.rearviewsafety.com

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

NO WARRANTY, ORAL OR WRITTEN, EXPRESSED OR IMPLIED, OTHER THE ABOVE WARRANTY IS MADE WITH REGARD TO THIS REAR VIEW SAFETY, INC. REAR VIEW SAFETY, INC. DISCLAIMS ANY IMPLIED WARRANTY OR MERCHANT-ABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE AND ALL OTHER WARRANTIES IN NO EVENT SHALL REAR VIEW SAFETY. INC. LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL, OR PUNITIVE DAMAGES OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS.

© Rear View Safety

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 RESPONSIBILITY 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.

RVS A Safe Fleet Brand
Rear View Safety, 1797 Atlantic Ave., Brooklyn NY 11233
800.764.1028 sales@rearviewsafety.com
www.rearviewsafety.com

A Safe Fleet Brand

If you have any questions
about this product, contact:

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

Engineered For Vehicle Safety™