Instruction Manual

2.4G Digital Wireless Four Channel Transmitter System

RVS-554W
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 Safety 2.4G Digital Wireless Four Channel Transmitter System!

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

The Wireless Four Channel Transmitter System is intended to be installed as a supplement aid to your standard rear view mirror that already exists in your vehicle. This Wireless 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 Safety 2.4G Digital Wireless Four Channel Transmitter 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 Safety 2.4G Digital Wireless Four Channel Transmitter System. If you back up while looking only at the monitor, you may cause damage or injury. Always back up slowly.

- The Rear View Safety 2.4G Digital Wireless Four Channel Transmitter System is 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 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.

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

- Take special care when cleaning and handling components of this system.

- Make sure to firmly affix the product before use.

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

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

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

- Dropping the components of this system may cause possible mechanical failure.

- 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.
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.

Warning!
1. Monitor, cameras, and this transmitter system are high voltage. Only professionals should open electronics.
2. Do not watch the video while driving unless you are monitoring the rear view camera display.

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.
**System Introduction**

**Wiring**
Monitor or Camera(s) connect to Transmitter or Receiver through the 5-Pin Connector and receive power from Ground Connector.

**LED Indicator Lights**
When connected to a power source the system POWER and LINK will turn on. If both POWER and LINK LED lights turn on, pairing will likely be automatic.

**Pair Process (if pairing is not automatic)**
1. Turn on POWER to monitor (if required)
2. Press and hold down PAIR red button on Transmitter(s) and Receiver.
3. Green Link LED Light will start blinking
4. A countdown will start counting down to "0" (Process takes less than a minute)
5. A "pairing failed" screen may show briefly right before a successful pairing - disregard.
6. If system does not pair, please check wiring. Also check that LED indicators confirm units are receiving power connection.

**Note:** A "Pairing Failed" screen may display after performing a 60 second pairing synchronization. **Disregard this message.**
To Alternate between Channels

1. To alternate between channels press buttons on Reciever Box (CH1, CH2, CH3, CH4).

2. Alternate between single view of all four channels.

System Contents and Trigger Cable Connections

Wireless Transmitter System Contents
1 - Recevier with Antenna
4 - Transmitter with Antennas
5 - Screw Kits

Cable Connections

1. DC12-24V - Ground Connection
2. Yellow RCA - Audio Connection
3. Trigger #V1 - (Green)
4. Trigger #V2 - (Blue)
5. Trigger #V3 - (Purple)
6. Trigger #V4 - (Grey)
### System Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Frequency</td>
<td>2400-2483 MHZ</td>
</tr>
<tr>
<td>Modulation System</td>
<td>FSK (Frequency-Shift Keying)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-30°C ~ +80°C</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>Less than 2.5 W</td>
</tr>
<tr>
<td>Waterproof Rating</td>
<td>IP69</td>
</tr>
<tr>
<td>Video Input</td>
<td>4 Channel (4 Wireless)</td>
</tr>
<tr>
<td>Transmission Distance</td>
<td>70 ft</td>
</tr>
<tr>
<td>Video Source</td>
<td>1Vp-p, 75 Ω</td>
</tr>
<tr>
<td>Auto Pair</td>
<td>Yes</td>
</tr>
</tbody>
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### Transmitter / Receiver Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Power Supply</td>
<td>11 - 32 V</td>
</tr>
<tr>
<td>Video Input</td>
<td>1.0 VP-P75Ω</td>
</tr>
<tr>
<td>Pixel Resolution</td>
<td>720 x 576</td>
</tr>
<tr>
<td>Frame Rate</td>
<td>25 - 30 Frames</td>
</tr>
<tr>
<td>Dimensions</td>
<td>3.75&quot; (H) x 4&quot; (L) x 5&quot; (D)</td>
</tr>
<tr>
<td>Pixel Resolution</td>
<td>720 x 576</td>
</tr>
<tr>
<td>Transmitter Weight</td>
<td>2.66 KG</td>
</tr>
<tr>
<td>Receiver Weight</td>
<td>2.54 KG</td>
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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 than 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 a consequence of any damage to, failure of, or defect in any product including, but not limited to, any claims for loss of profits.

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.
If you have any questions about this product, contact:

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