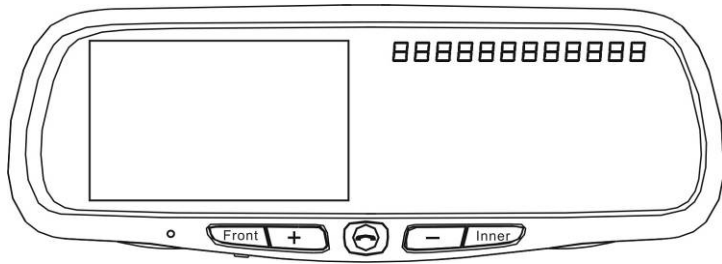




Rearview Mirror with 4.3" Color LCD

Model: MV-RECD

User's Manual



Features:

- **Rearview Mirror with 4.3" LCD**
- **Built In Speakers**
- **Rearview Camera Input**
- **Voice Record**
- **Double VCR (Front and Inner)**
- **NTSC /PAL Compatible**
- **Automatically displays image when vehicle is in Reverse**
- **Bluetooth Hand Free and Caller ID Display**

Cautions!

The product is intended to assist in safe driving and to allow the driver to have a broader rearview while in reverse. You as the driver are solely responsible for the safe operation of your vehicle and the safety of your passengers according to the country and their 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. MediaView Technologies 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 products may result in electrical shock. Handle all components with care. Inspect regularly for damage to components and cabling.
2. You shall be responsible to ensure that the installation of this product does not void or affect the vehicle manufacturer's warranty. MediaView Technologies Corporation or its branches 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 shall void all warranties.
4. Please follow the procedures in this installation manual. Improper installation or modification of this product shall void all warranties.

TABLE OF CONTENTS

Cautions!	1
Preface	3
Warning	3
Packing list	3
1.Installation Instruction	4
2.Rear View Camera Connection	5
3.Double VCR.....	5
4.Control and Indicator	5
5.Operation	7
Specification.....	8
Maintenance.....	9
Troubleshooting	9
Illustration of connections	10

Preface

There is a blind spot that exists at the back of a vehicle while the vehicle is in reverse. Equipped with a camera, this electronic rearview mirror provides the driver with a clear and wide image of the area behind the vehicle whenever the vehicle is shifted into reverse.

Backing up vehicle

Do not back up vehicle while watching the mirror/monitor screen. Always look in the direction of vehicle motion. Use the mirror/monitor as an aid in safety confirmation. The actual distance is shorter than it looks in the monitor. The range of image is limited. Beware of blind spots.

Packing list

The Rearview mirror Model MV-RECD consists of the following items:

1. Rearview Mirror -1
2. Filter box-1
3. Filter Box and Monitor Extension Cable (2.7m) -1
4. AV Connect Cable-1
5. SD Card
6. Metal Washer-1

1. Installation Instructions

(1) Mount the mirror/monitor

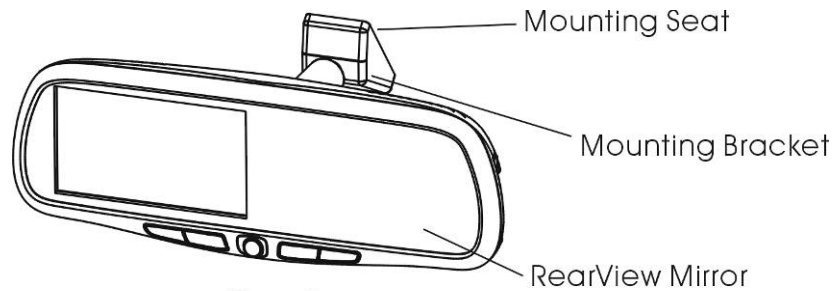


Figure 1

- a) Remove the original factory mirror. (Do not use excessive force when removing factory mirror.) Check to make sure that the factory mirror mount you remove matches the mirror mount on the replacement mirror.
- b) Slide the receiving bracket on the back of the new mirror stalk onto the windshield-mounting button. Move the bracket back and forth until completely seated.
- c) Tighten the T-20 mounting bracket screw.

(2) The Filter Box Electrical Connections: Connect the wires from the filter box as follows:

- a) Red wire - Ignition +12 volts
- b) Black wire – Chassis Ground/Shield (negative)
Connect this wire to a solid, metal part of the vehicle's chassis.

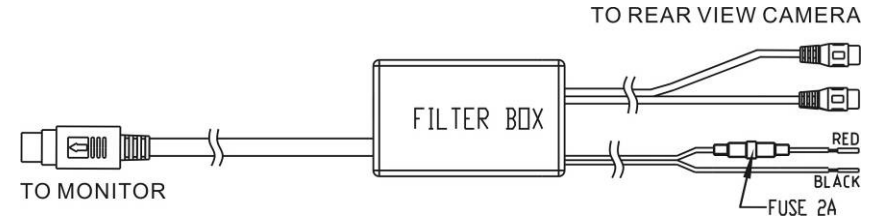


Figure 2

2. Rear View Camera Connection

Connect the yellow & white RCA connectors to the same color RCA plug on the extension cable. Run the extension cable to the control box and connect the yellow & white RCA connectors on the extension cable to the RCA plugs on the control box. Users can see the rearview camera image when the car is shifted into reverse.

3. Double VCR

1) Front camera record

Press the "Front" button on the monitor you can record front camera image.

2) Inner camera record

Press the "Inner" button on the monitor you can record inner camera image.

Remark: The two cameras can record at the same time.

4. Control and Indicators

Figure 3 shows the function controls of the rearview mirror.

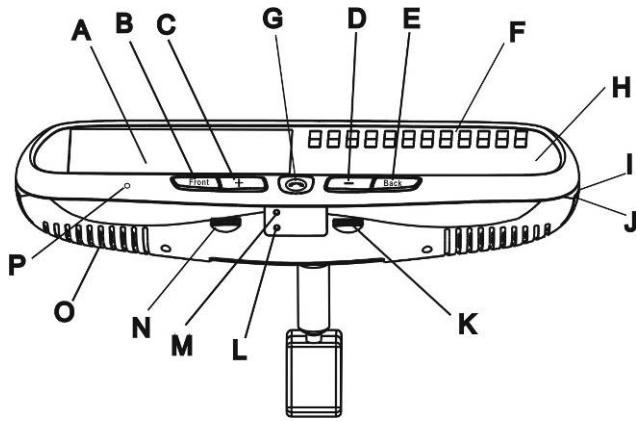


Figure 3

- A: 4.3" LCD panel;
- B: Front camera record button;
- C: "+"Button (Increase volume level of the Bluetooth voice when pressed);
- D: "-" Button (Decrease volume level of the Bluetooth voice when pressed);
- E: Inner camera record button (Bluetooth Turing ON/OFF Switch).
- F: Bluetooth Caller ID display (12 digits, LED);
- G: "☎"Button (Continue press the button two times can return call last number; answer a call; end a call; pairing Bluetooth);
- H: Rearview Mirror;
- I: Front camera SD card;
- J: Inner camera SD card;
- K: LCD Brightness Control Button;
- L: Microphone;
- M: Power Indicator (Red when Power is on);
- N: Volume Control Button;
- O: Internal Speaker;
- P: Bluetooth indicator lamp;

5. Operations

- 1) When the vehicle reversing, the LCD will display backup camera image automatically.
- 2) When the vehicle forwarding, the LCD will auto OFF and the mirror becomes regular rearview mirror.

3) How to use Bluetooth

A: Pairing the device

You must pair the device with you mobile phone at the first time.

When pairing the device we need use our mobile phone search new equipment, if has searched the Bluetooth equipment, if pairing success, the Bluetooth indicator lamp will red /blue vicissitudinary flash.

If the monitor's Bluetooth has paired, the Bluetooth will automatically connect when the vehicle is ignition.

B: Answering and Ending a Call

When incoming a call, user can through press "☎" button select answer the call, press "☎" button the one time again will end the call.

C: Turn call last number

Continue press the "☎" button two times can return call last number.

4) How to record the double (front and inner camera) VCR

A) Front camera record

Press the "Front" button on the monitor you can record front camera image.

B) Inner camera record

Press the "Inner" button on the monitor you can record inner camera image.

Remark: The two cameras can record at the same time.

Specification

General

Power Supply	DC 12V
Power Consumption	<=8W
Current Draw	<500mA
Video Input	1Vp-p/75 Impedance
Audio Input	1Vp-p
Audio Impedance	10KΩ
Audio Power Output	0.5Wx2
Operating Temperature Range	0°C to 50°C

Display System

Screen	4.3" TFT Color LCD
Brightness	400 nit
Contrast Ratio	400: 1
LCD Viewing Angle	Top-80°, Bottom-80°, Left-80°, Right- 80°
Resolution	480*RGB* 272
Video Format	PAL/NTSC auto detect
Display Format	16: 9

Maintenance

Though your Rearview mirror requires little care, you can still maintain its condition and performance by following the procedures below.

- Keep your system away from excessive moisture, extreme heat or cold, and magnetic fields.
- Keep liquids away from the display and mirror.
- To avoid damage, do not place external devices or other objects on the top of the mirror.
- Occasionally clean the surface of the mirror with a soft cloth moistened with water or window cleaner.

Troubleshooting

Symptoms	Solutions
The ON/OFF signal light <D> is not on after the car is started?	<ol style="list-style-type: none"> 1. Check the installation-wiring diagram. 2. Ensure that the parallel red and black line from the control box is connected properly.
No video signal appears while reversing the car?	<ol style="list-style-type: none"> 1. Check the LCD Contrast(Brightness)control knob whether the contrast knob is set too low 2. Check the rearview Camera lens and wiring and connection. 3. Check the cable from the rearview mirror is connected to the control box. 4. Check out the wire connection (to find out whether the system's reverse wire cable is connected to the reverse switch gear of the car)
Video image is not sharp enough?	Clean the lens of the camera.
When the Hands Free Phone Function is not working?	<ol style="list-style-type: none"> 1. Check the volume control knob whether the volume is set too low. 2. Check whether the phone hands free cable plug is properly connected to the adapter.

Illustration of Connections

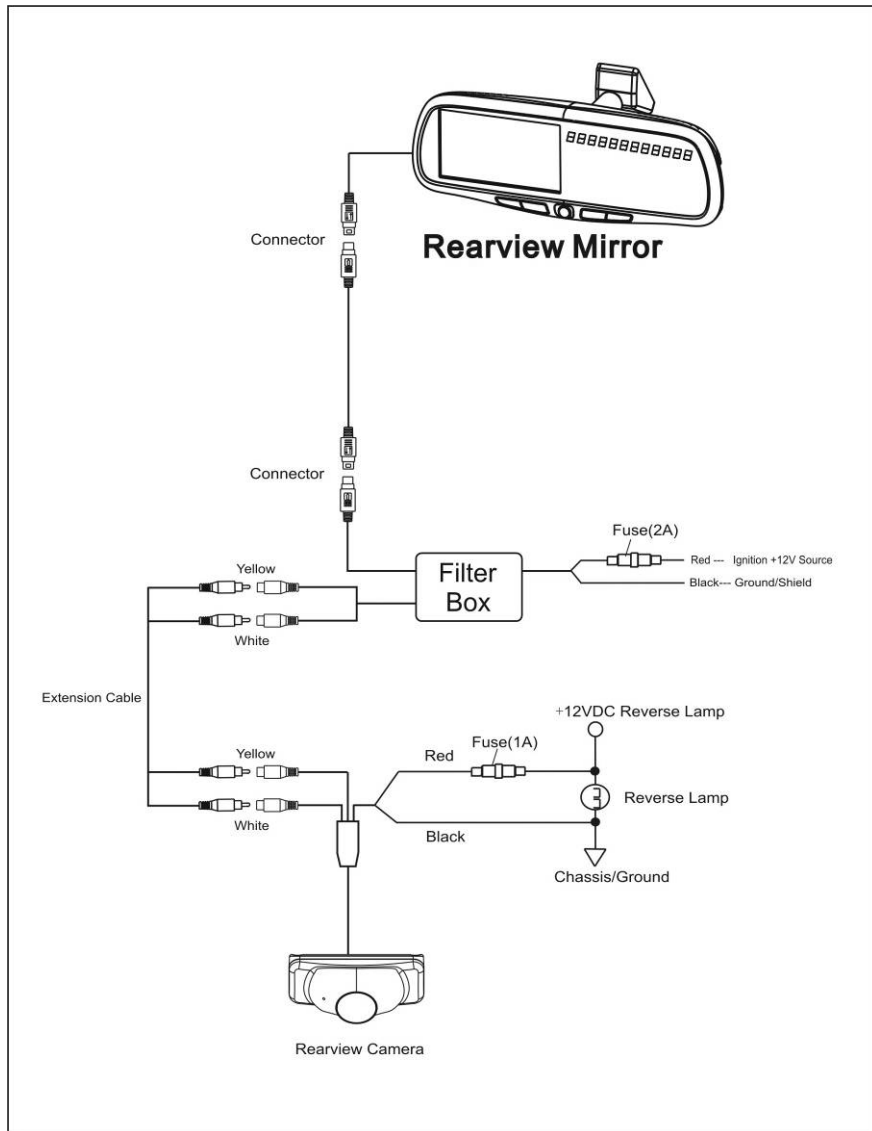


Figure4



www.mediaviewtech.com

© MediaView Technologies Corporation
 1630 Oakland Road Suite A217 San Jose, CA 95131.USA