

# ADVENT®

## Model: RVM100 Installation Manual

### Warnings

- Do not use excessive force when removing OE mirror from windshield. The windshield button may separate from the windshield or the windshield may break.
- Do not use excessive force if removal of OE mirror button is necessary.
- Do not route wiring over sharp metal edges or allow to be pinched behind trim to avoid causing an electrical short or break in the wire.
- Manufacturer/distributor not responsible for installation-related damage to vehicle.
- For installation situations that installer is not familiar with, a qualified installation technician or mechanic should be consulted for assistance.
- Use wire ties to hold wires away from hot engine and critical parts such as brake and steering systems.
- Contact your local auto dealership or auto sound center to obtain detailed information pertaining to your specific automobile wire color information or proper removal instructions for factory parts.
- This product utilizes high voltage. Any unauthorized modifications or damage to the product may result in electrical shock. Handle all components with care. Inspect regularly for damage to components and cabling.
- You are responsible for ensuring that the installation of this product does not void or affect the vehicle manufacturer's warranty. Audiovox Electronics Corporation or its subsidiaries 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.
- 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 will void all warranties.
- Please follow the procedures in this installation manual. Improper installation or modification of this product will void all warranties.

Parts Included	Part #	Quantity
Rear View Mirror / Monitor	RVM100	1
2.6M Power Cable	31702160	1
Mounting Bracket	31542060	1
Hardware Kit	31542010	1
Manual - User / Installation Pkg	31702020	1

Optional Mounts are available for the following vehicles:

Toyota short/elbow - NMM2TOY  
Most Honda's - NMM2HON  
VW - NMM2VW  
Most Hyundai & Kia - NMM2HYK  
Ford / Cadillac / BMW / Dodge / Land Rover - NMM2DGFR

Wire Color Guide
Black - Ground Wire
Red - Ignition power +12 Volts
Green - Reverse Trigger wire +12 Volts

210.00 mm

285.00 mm

Size: 210\*285 mm  
Material: Both-side coated paper 127g

### **Mirror Removal and Installation**

**CAUTION:** DO NOT USE EXCESSIVE FORCE WHEN REMOVING MIRROR FROM THE WINDSHIELD MOUNT. THE WINDSHIELD BUTTON MAY SEPARATE FROM THE WINDSHIELD OR THE WINDSHIELD MAY BREAK IF FORCED.

NOTE: There are several versions of mirror mount systems. If unfamiliar with mirror removal, seek professional assistance.

#### **Screw mount mirror removal.**

- Using a Philips screwdriver or #20 torx bit, loosen the screw in the base of the mirror.
- After loosening screw, gently lift upward to slide mirror off of mirror mount.

#### **Wedge mount mirror removal procedure:** (Common for screw less mount).

- Using a small 1/8" (4 mm) flat-blade screwdriver, insert the flat end into the opening at the bottom of the mirror mount at the windshield.
- Slide the screwdriver into the center of the mirror mount until resistance is felt.
- Gently apply a small amount of additional upward force to lift away locking spring in the mount.
- While still applying upward pressure with the screwdriver, grasp the mirror bracket and wiggle side to side. Lift mirror up toward the headliner and off the windshield mount button.

#### **Camlock Mirror Removal procedure:** (Common Method)

- Grasp the base of the mirror.
- Rotate 90 degrees left or right.
- Slide mirror downward toward dash to remove.

1. Attach the included mount with the 4 screws provided. Use caution to not pinch the wire harness.
2. Check and determine if the factory metal mounting lug is compatible with the mounting arm supplied with the RVM100 or use the appropriate mount available. If the RVM100 Mirror does not fit the button on your windshield, it is possible that one of our adapter mounts will fit. It may also be possible that the mirror button will have to be replaced with one that is compatible with the RVM100 standard mount included.
3.
  - a) If possible, attach the RVM100 to the factory metal mounting lug and secure with the locking screw.
  - b) If the factory metal mounting lug is not compatible then installation may require a new button be mounted to the window directly below the factory lug (we strongly recommend using Permatex brand or similar available at any auto parts store.
4. Examine the vehicle to determine the best way to run the power wires to: accessory power, Ignition source, and the reverse trigger if needed, as well as to an optional camera at the rear of the vehicle.
5. Run the wiring harness from the mirror location down the A pillar to under the dash to make the connections required. Use caution to insure you do not obstruct any safety devices such as airbags or pinch the wire when re-installing the A pillar cover.
6. Connect the power wires as shown below, then connect your reversing camera video source and reverse trigger if desired.
7. Install the supplied Cable shroud and holder at the mirror shaft if desired.
8. Power up and adjust on screen settings.
9. The vehicle must be outside with a clear view of the sky in order for the Navigation to work correctly.