



OWNER'S MANUAL
MIRAGE

MANUAL AND 110VAC MOTORIZED AWNING

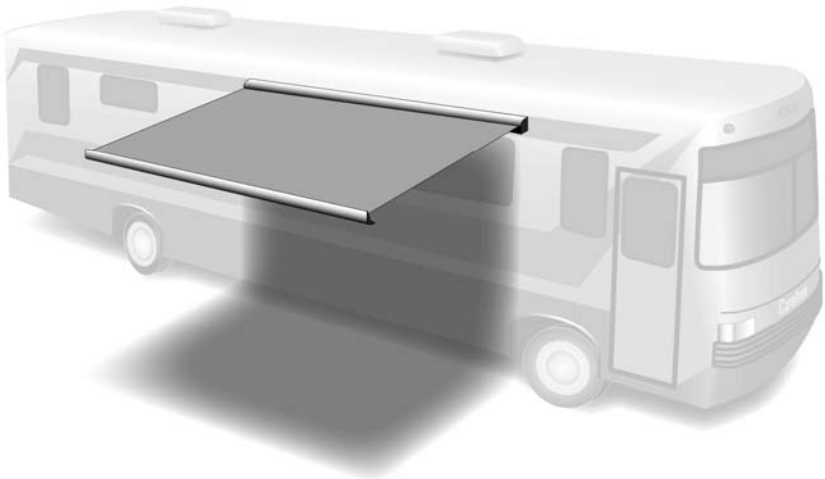


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INTRODUCTION

From its beginning in the early 70's, Carefree of Colorado has emerged as the premier manufacturer of quality awnings and accessories for Recreational Vehicles (RVs). Our full line of products can provide the accessories that match your life style; no matter what type of RV you own.

Check with your dealer to discover the products that can make your life more Carefree.

The Mirage Patio Awning offers the coach owner an awning system that provides as much or as little shade as required. The canopies are housed in an aluminum case that easily blends in with the coach side wall. The canopy is made from Sunbrella® fabric.

Each unit is equipped with Mirage lateral support arms that are the strongest available on the market. No vertical arms interfere with coach sidewalls or equipment that may be mounted on the sidewalls or sidewall graphics. These arms can also be adjusted to vary the canopy pitch up to 2 feet (it is strongly recommended that service and adjustments be performed by trained technicians).

The unique and innovative 110V standard electronic control system provides the user with simple pushbutton controls. The standard motorized version provides the user with two interior switches; one for power on/off and one for awning positioning. The optional auto-retract system can automatically retract the awning during windy conditions. An optional RF remote control is available.

WARNING

AWNINGS ARE DESIGNED TO PROVIDE SHADE AND PROTECTION FROM THE SUN. THE EFFECTS OF WIND AND RAIN ON AN AWNING ARE UNPREDICTABLE AND CAN CAUSE SEVERE DAMAGE TO THE AWNING AND/OR THE VEHICLE. IF WIND OR EXTENDED PERIODS OF RAIN ARE EXPECTED, ROLL UP THE AWNING AND SECURE.

WARNING

KEEP ALL SOURCES OF HEAT AND FLAME AWAY FROM THE AWNING CANOPY. FABRIC IS NOT FIRE-PROOF AND CAN BURN IF LEFT IN CONTACT WITH ANY FLAME OR HEAT SOURCE.

CAUTION

IT IS RECOMMENDED THAT IF LEAVING THE RV UNATTENDED FOR A LENGTH OF TIME, RETRACT THE AWNING TO AVOID UNEXPECTED CLIMATE CONDITIONS.

CAUTION

AUTO-RETRACT SYSTEMS PROVIDE PROTECTION AGAINST ADVERSE ELEMENTS; BUT NO AUTO-RETRACT SYSTEM IS A GUARANTEE AGAINST SEVERE OR DESTRUCTIVE WEATHER; THE EFFECTS OF WIND AND RAIN ON AN AWNING ARE UNPREDICTABLE AND MAY CAUSE SEVERE DAMAGE TO THE AWNING AND/OR VEHICLE. IF WIND OR EXTENDED PERIODS OF RAIN ARE EXPECTED, RETRACT THE AWNING.

OPERATION

STANDARD SWITCH OPERATION

The switches with the Mirage Patio Awning are press on and release. It is not necessary to hold the switch while the awning is extending or retracting.

- Flip the POWER SWITCH to the ON position.
- Press the PATIO SWITCH to extend the awning. The awning will continue to extend out to the maximum extension.
- Pressing the PATIO SWITCH a second time will stop the awning.
- Press the switch a third time and the awning will retract.
- Turn off the power by flipping the POWER SWITCH to the OFF position.



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Always place the POWER SWITCH in the OFF position when the awning is not used and during transit. This prevents the awning from being accidentally opened.

WIND-SENSOR AUTO RETRACT

The optional wind-sense auto retract system uses an anemometer to measure wind speed. The system is always on when the awning is extended. When the wind reaches the user set value, the awning will automatically retract.

When the wind speed exceeds the set value for longer than 2 seconds, the retract command is activated. While the wind speed exceeds the set value, all extend and stop commands are ignored. When the wind speed drops below the set value, operation will return to normal after a brief delay.

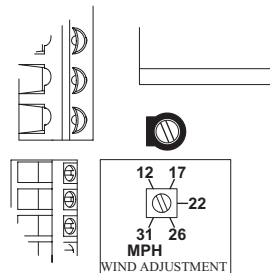
*⚠CAUTION

THE WIND-SENSE AUTO RETRACT SYSTEM IS A PREMIERE ELECTRONIC AUTO-RETRACT SYSTEM THAT PROVIDES PROTECTION AGAINST ADVERSE ELEMENTS; BUT NO AUTO-RETRACT SYSTEM IS A GUARANTEE AGAINST SEVERE OR DESTRUCTIVE WEATHER; THE EFFECTS OF WIND AND RAIN ON AN AWNING ARE UNPREDICTABLE AND MAY CAUSE SEVERE DAMAGE TO THE AWNING AND/OR BUILDING. IF WIND OR EXTENDED PERIODS OF RAIN ARE EXPECTED, RETRACT THE AWNING.

SETTING THE WIND SPEED SENSITIVITY

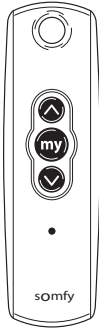
The wind sensitivity can be set for a preferred wind speed.

1. Locate the system control box and remove the front cover.
2. In the center of the control board, locate the speed adjust switch.
3. Turn the switch to the desired setting. Turning to the left increases sensitivity (less wind); turning to the right decreases sensitivity (higher wind). The label next to the switch gives approximate wind speed values in miles per hour.
4. Reattach the front cover.



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OPTIONAL REMOTE CONTROL



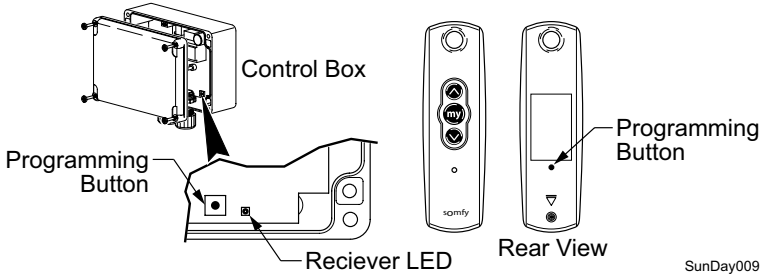
← Retract
← STOP
← Extend

- Press and release the up arrow to retract the awning. The awning will retract until fully closed.
- Press the center button to stop the awning during extend or retract functions.
- Press and release the down arrow to extend the awning. The awning will extend out to the maximum extension.

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PROGRAMMING THE REMOTE

When adding or replacing a remote control, it is necessary to program the transmitter and receiver.



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1. Turn power ON.
2. Locate the system control box and remove the front cover.
3. Press the Programming Button (PROG) of the receiver located in control box (lower right corner) until LED illuminates.

NOTE: The receiver exits the program after 60 seconds and the LED will extinguish.

4. Press the Programming Button on the back of the transmitter (remote) with a ballpoint pen until the receiver's LED blinks. The address of the transmitter is instantly memorized and the receiver automatically ends the programming mode.
5. Reinstall the control box cover.

REMOTE CONTROL BATTERY

The remote uses a flat 3V Lithium Renata Battery (p/n CR2430) that should provide a long period of service. To access: carefully remove the screw from the back of the remote and remove the back case. Slide the old battery out of the battery holder and slide a new battery in. The + should face toward the back of the remote.

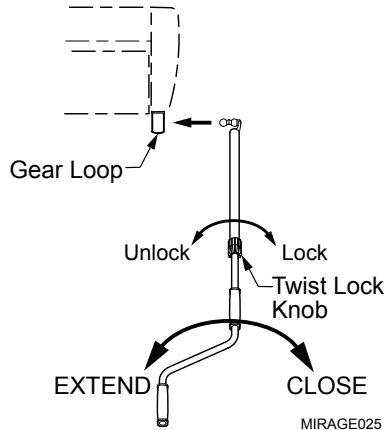
Batteries are available through your local battery outlets.

Battery life is dependent on frequency of use, environmental conditions and condition of remote.

OPERATING THE MANUAL CRANK

The following information applies to the manual configuration Mirage only.

- Insert the manual crank into the gear loop located on the side of the awning. Turn the handle to extend and retract the awning.
- The crank handle may be extended or shortened by turning the twist lock knob counterclockwise and sliding the handle in or out as desired. Lock the handle in place by turning the twist lock knob clockwise.



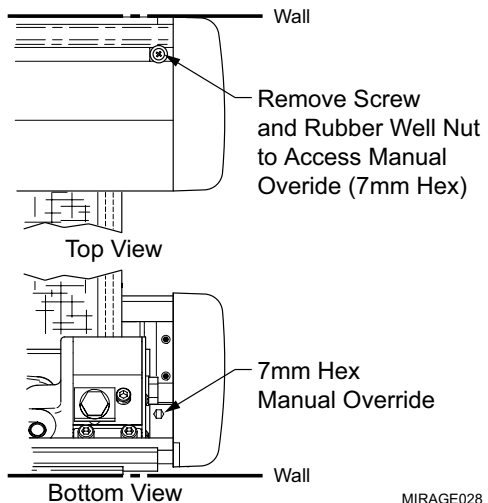
MANUAL OVERRIDE (MOTORIZED VERSIONS ONLY)

If 110V power is not available to the coach, the Mirage awning can still be safely retracted using the manual override. The bypass may be accessed from inside the case on the motor housing or from the top of the case above the motor housing.

To use the top bypass access:
Remove the screw and well nut that is used to secure the end cap.

To use the inside bottom access:
The awning must be open a minimum of 8" to afford access to the override.

1. Chuck supplied 7mm hex key into a 3/8" battery powered drill.
2. Insert the hex key into the manual override on the awning. For the top access, it will be necessary to locate the hex by feel; it is not visible with the key inserted in the hole.



3. Operate the drill in the forward (clockwise) direction to close the awning. Reverse the drill to open the awning.

NOTE: When using the bottom override, the awning can only be closed within 6-8". It will be necessary to use the top access to close the awning completely.

4. When done, return the screw and well nut to the top of the case if removed.

AWNING CARE

Maintaining a Carefree Awning is easy. Just follow these basic steps:

- Always operate the awning according to the instructions.
- Periodically check that the fasteners are tight. Tighten if necessary.
- Keep the awning fabric and arms clean.

FABRIC CARE



DO NOT USE OIL BASED CLEANERS OR ANY CAUSTIC, GRANULATED, OR ABRASIVE TYPE CLEANERS ON YOUR CAREFREE PRODUCT.

1. One of the best ways to keep the fabric looking good and to delay the need for deep or vigorous cleanings is to hose fabrics off on a monthly basis with clear water. This practice will help prevent dirt from becoming deeply imbedded in the fabric. In most environments, a thorough cleaning will be needed every two to three years.
2. When it's time for a thorough cleaning, the fabric can be cleaned while still on the awning frame. Use a stiff brush and warm water with soap.
3. When cleaning the fabric, it is important to observe the following:
 - Always use a natural soap, never detergent.
 - Water should be cold to lukewarm, never more than 100°F.
 - Air-dry only. Never apply heat to the fabric.
 - Always allow the fabric to dry thoroughly before retracting the awning.

MILDEW

Mildew is a fungus growth that looks like dirt. Vinyl coated polyester fabrics are mildew resistant because of a chemical biocide in the vinyl coating. Under ordinary conditions, mildew will not appear. However, in areas where high temperature and humidity are common, mildew can be a problem and required the material to be washed more frequently. Thoroughly rinse the fabric with clean water and allow to air dry completely before rolling up the awning.

POOLING

When water collects on the top of the fabric, this is known as "pooling". This can occur during inclement weather or if a running air conditioner discharges over the awning. The water is dumped when the awning is retracted. It is recommended that if water accumulates on the top; retract the awning in steps (8"-12") to dump the water. This will help prevent the fabric from stretching or distorting.

The effects of wind and rain on an awning are unpredictable. Severe damage to the awning and the vehicle may result. IF WIND OR EXTENDED PERIODS OF RAIN ARE EXPECTED, RETRACT THE AWNING AND SECURE.

ARM CARE

The best method of keeping the spring arms operating smoothly is to clean them. Periodically wash the arms with running water (i.e. a hose) to keep them clean. If the arms still do not move easily, lightly spray the joints with a dry silicone lubricant.

MOTOR MAINTENANCE

- Check all wiring and connections for wear. Repair when needed.

CAREFREE MAJOR PRODUCT LIMITED WARRANTY

Carefree of Colorado (hereafter referred to as Carefree) warrants to the first retail Purchaser that the Carefree Product is free of defects in material and workmanship within the terms and conditions as set forth in the warranty statement available online at www.carefreeofcolorado.com. Carefree's obligation under this warranty is limited to the repair or replacement, at Carefree's option, of any defective component with new or factory refurbished components.

OWNER MUST RETAIN THE ORIGINAL PROOF OF PURCHASE AND/OR HAVE THE PRODUCT WARRANTY REGISTRATION ON FILE AT CAREFREE FOR WARRANTY CLAIMS.

THIS WARRANTY IS NOT TRANSFERABLE.

For

- **Warranty Duration;**
- **Warranty Coverage and Exclusions;**
- **Warranty Terms of Coverage; and,**
- **Warranty Claim Procedures**

Refer to publication

052580-111 "Carefree Major Product Limited Warranty"

available online at

www.carefreeofcolorado.com

Register your Carefree products on-line at www.carefreeofcolorado.com

Publications available on-line @ www.carefreeofcolorado.com:

052979-201 Mirage, Manual and Motorized, Owner's Manual

052979-003 Mirage Installation Manual

052979-301 Mirage Service Manual

IMPORTANT NOTICE: It is strongly recommended that adjustments and repairs not described in this book be performed by trained technicians at your Authorized Carefree Dealer. Work performed by non-authorized persons or businesses may void warranty.

