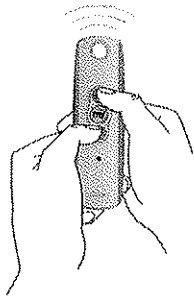


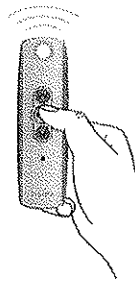
# SUNEA RTS CMO VISUAL REFERENCE GUIDE



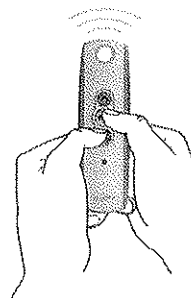
## Setting for Standard Awning : Manual Up and Down Limits



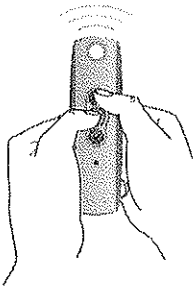
**STEP 1**  
Initiate programming by pressing both the (Up) and (Down) buttons at the same time until the motor jogs.



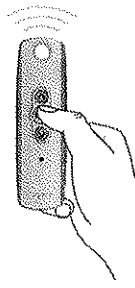
**STEP 2**  
Check the direction of operation. Press and hold the button and confirm it moves the motor out (the motor will be in momentary fashion). To change the direction press and hold the (Stop) button until the motor jogs.



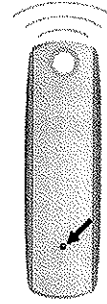
**STEP 3**  
Bring the motor to your desired upper limit. Press and hold both the and buttons until the motor begins to move down, then release. Stop the motor where the lower limit should be set, you can adjust by pressing the or buttons.



**STEP 4**  
Press and hold the and buttons until the motor begins to move up. The motor will stop at the original upper point. Adjust if necessary.



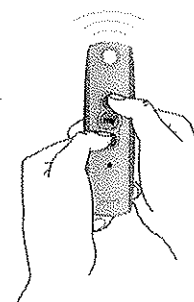
**STEP 5**  
Press and hold the button until the motor jogs to confirm the limit setting.



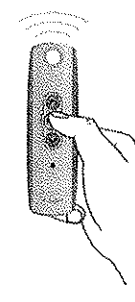
**STEP 6**  
Press and hold the Program button on the back of the transmitter until the motor jogs. It will now operate in a maintained fashion. Double check limits as a precaution.



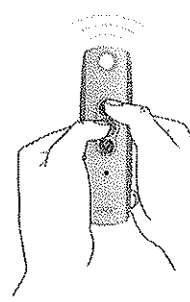
## Setting for Cassette Awning: Automatic Up Limit



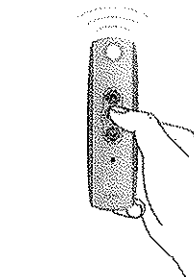
**STEP 1**  
Initiate programming by pressing both the (Up) and (Down) buttons at the same time until the motor jogs.



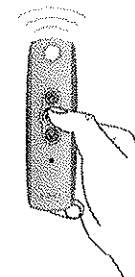
**STEP 2**  
Check the direction of operation. Press and hold the button and confirm it moves the motor out (the motor will be in momentary fashion). To change the direction press and hold the (Stop) button until the motor jogs.



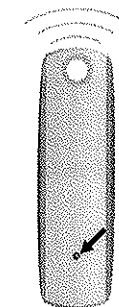
**STEP 3**  
Bring the motor to your desired down limit. Press and hold both the and buttons until the motor begins to move up, then release.



**STEP 4**  
Press the button and stop the awning halfway



**STEP 5**  
Press and hold the button until the motor jogs to confirm the limit settings. The motor will then automatically set its inner limit.



**STEP 6**  
Press and hold the Program button on the back of the transmitter until the motor jogs. It will now operate in a maintained fashion. Double check limits as a precaution.

Please contact SOMFY for detailed installation instructions

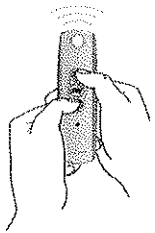
SOMFY SYSTEMS, INC.  
121 Herrod Blvd  
Dayton, NJ 08810  
Phone: US: 1-800-22-SOMFY  
NJ: (609) 395-1300  
Fax: Sales (609) 495-8118

FLORIDA  
6100 Broken Sound Pkwy, N.W.,  
Suite 14  
Boca Raton, FL 33487  
Phone: (877) 227-6639  
Fax: (561) 995-7502

CALIFORNIA  
520 West Central Ave., Suite A  
Brea, CA 92821  
Phone: (877) 727-6639  
Fax: (714) 255-1278

**somfy**<sup>®</sup>

## ADJUSTING THE LIMITS



### To change the lower limit:

Move the motor to its current lower limit position and let it stop. Press the and buttons simultaneously until the motor jogs, then release. Adjust to a new lower limit position. Press the button until the motor jogs, then release. Check new limit.

### To change the upper limit:

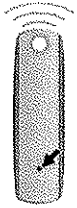
Move the motor to its current upper limit position and let it stop. Press the and buttons simultaneously until the motor jogs, then release. Adjust to a new upper limit position. Press the button until the motor jogs, then release. Check new limit.

### To add a remote/channel or sun and wind sensor:

First press the programming button on the back of the already programmed remote until the motor jogs. Then press the programming button on the remote or sun/wind sensor that you would like to add until the motor jogs. Check it.

### To reset the motor:

you will need to disconnect power (120vac) for 2 seconds, reconnect for 10 seconds, disconnect for another 2 seconds and reconnect. The motor should start to move and then stop on its own (If this does not happen, continue to perform the disconnects until it does). Once the motor stops moving on its own, press and hold the programming button on the back of the remote and count to ten without letting go. The motor should jog twice.



## ADVANCED FEATURES/FUNCTIONS

### BACK IMPULSE function for both cassette and standard awnings

This function allows you to apply tension on the fabric when the awning is fully extended. The motor can be adjusted up to a 1/2 half turn.

To activate this function:

#### STEP 1

Set the awning to the lowest position.



#### STEP 2

Press the MY and Up buttons until the awning jogs: The motor is in programming mode.



#### STEP 3

Adjust the fabric's tension using the Up or Down buttons.



#### STEP 4

Press the MY button until the awning jogs: The fabric's tension has been programmed.



### BACK RELEASE function on cassette awnings only

This function allows the fabric tension to be released after the cassette awning is closed.

To activate this function:

#### STEP 1

Cut the power, unless you are using the awning in the first 4 cycles.

#### STEP 2

Set the awning to the inner limit position.



#### STEP 3

Press the MY and Down buttons until the motor moves up and down: If the Back release function was deactivated, it is activated. If the Back release function was active, it is deactivated.



### CLOSING FORCE function on cassette awnings only

This function enables the closing force of the cassette awning to be increased or decreased to 3 levels (high/medium/low). The motor is factory set at the medium level.

To activate this function:

#### STEP 1

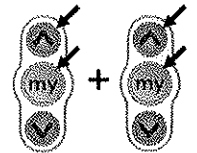
Cut the power, unless you are using the awning in the first 4 cycles.

#### STEP 2

Bring the awning to the halfway position.

#### STEP 3

Briefly press the MY and Up buttons simultaneously, then immediately press and hold the MY and Up buttons until the motor jogs. The motor is only in programming mode for approx. 10 seconds.



#### STEP 4

Adjust the closing force setting using the Up and Down buttons.  
 - to increase the closing force, press the Up button until the motor jogs up and down.  
 - to decrease the closing force, press the Down button until the motor jogs up and down.



Increases closing force



Decreases closing force



#### STEP 5

Press the MY button until the awning jogs up and down: The new closing force has been programmed.

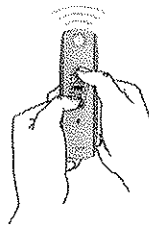


# ALTUS 6 STEP VISUAL REFERENCE GUIDE



## STEP 1

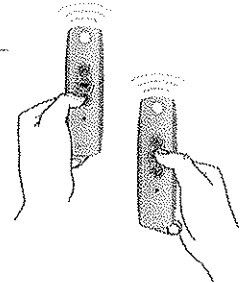
Before programming the motor initiate programming by pressing both the **UP**  and **DOWN**  buttons at the same time until the motor jogs.

**NOTE:** After every command the motor will jog to confirm.







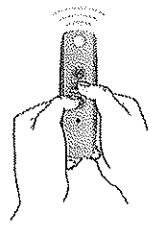
## STEP 2

Check the direction of operation. Press and hold the **DOWN**  button and confirm it moves the motor out (the motor will be in momentary fashion). To change the direction press and hold the **MY**  (stop) button until the motor jogs.





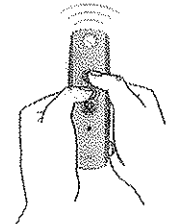
## STEP 3

Bring the motor to your desired upper limit. Press and hold the **MY**  and **DOWN**  buttons until the motor moves DOWN, then release. Stop the motor where the LOWER limit should be set, you can adjust by pressing the  or  buttons.




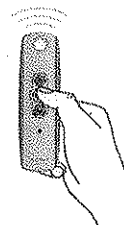
## STEP 4

Press and hold the **MY**  (stop) and **UP**  button of the remote to move the motor to the desired upper limit position, then release. The motor will stop at the original upper point. Adjust if necessary.



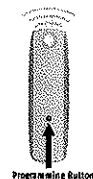
## STEP 5

Press and hold the **MY**  (stop) button until the motor jogs to confirm the limit setting.

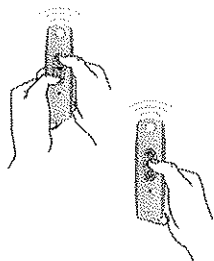


## STEP 6



Press and hold the **Program** button on the back of the transmitter until the motor jogs. It will now operate in a maintained fashion. Double check limits as a precaution.





Programming Button



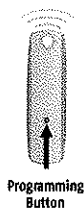
### To Adjust Limits

**To change the limit:** Move the motor to its current lower limit position and let it stop. Press the **UP**  and **DOWN**  buttons simultaneously until the motor jogs, then release. Adjust to a new lower limit position. Press the **MY** (stop) button until the motor jogs, then release. Check new limit.

**To change the upper limit:** Move the motor to its current upper limit position and let it stop. Press the **UP**  and **DOWN**  buttons simultaneously until the motor jogs, then release. Adjust to a new upper limit position. Press the **MY** (stop) button until the motor jogs, then release. Check new limit.

**To add a remote/channel or sun and wind sensor:** First press the programming button on the back of the already programmed remote until the motor jogs. Then press the programming button on the remote that you would like to add until the motor jogs. Check it.

**To reset the motor:** you will need to disconnect power (120vac) for 2 seconds, reconnect for 10 seconds, disconnect for another 2 seconds and reconnect. The motor should start to move and then stop on its own (If this does not happen, continue to perform the disconnects until it does). Once the motor stops moving on its own, press and hold the programming button on the back of the remote and count to ten without letting go. The motor should jog twice.



Programming Button

Please contact **SOMFY** for detailed installation instructions.  
877-22SOMFY [www.somfysystems.com](http://www.somfysystems.com)

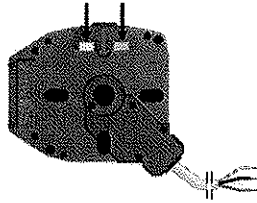


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# RTS CMO VISUAL REFERENCE GUIDE

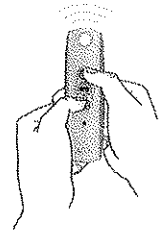
## STEP 1

Before programming the motor make sure the limits are depressed in the RTS CMO motor.



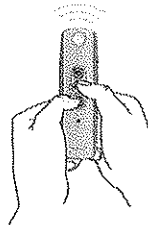
## STEP 2

Initiate programming by pressing both the **UP** and **DOWN** buttons at the same time until the motor jogs.



## STEP 3

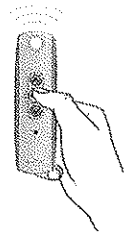
Check the direction of operation. Press and hold the **DOWN** button and confirm it moves the motor out (the motor will be in momentary fashion). To change the direction press and hold the **MY** (stop) button until the motor jogs.



## STEP 4

### SET UPPER LIMIT

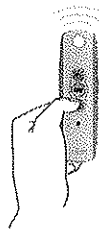
Press and hold the **UP** button of the remote to move the motor to the desired **UPPER** limit position, then release. Press and release the **UPPER** limit button on the motor.



## STEP 5

### SET LOWER LIMIT

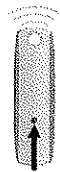
Press and hold the **DOWN** button of the remote to move to the desired lower limit position, then release. Press and release the lower limit button on the motor.



## STEP 6

### USER MODE

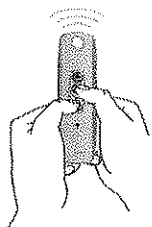
Once the desired limits are set, press and hold the **Program Button** on the back of the transmitter until the motor jogs, then release. The motor now operates in maintained fashion. Double check limits as a precaution.



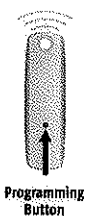
Programming Button

## CHANGING THE LIMIT SETTINGS

To change the limit settings press the **MY** (stop) button on the remote. Make sure the limit is depressed into the motor, then repeat steps 3 or 4 keeping in mind that the motor is operating in a maintained fashion. Therefore you only need to press the **UP** or **DOWN** buttons momentarily to move the motor, and the **MY** (stop) button must be pressed in order to stop it at its desired limit.



**To add a remote/channel or sun and wind sensor:** First press the programming button on the back of the already programmed remote until the motor jogs. Then press the programming button on the remote or sun/wind sensor that you would like to add until the motor jogs.



Programming Button

**To reset the motor:** you will need to disconnect power (120vac) for 2 seconds, reconnect for 10 seconds, disconnect for another 2 seconds and reconnect. The motor should start to move and then stop on its own (if this does not happen, continue to perform the disconnects until it does). Once the motor stops moving on its own, press and hold the programming button on the back of the remote until the motor jogs.

## 3D WireFree™ Quick Reference Guide

### STEP 1

Make sure the "DOWN" button on the remote extends the awning

### STEP 2

Slide the mounting plate off the 3D housing. With the awning extended, install the mounting plate using the preferred method suggested by the awning manufacturer.

### STEP 3

Remove the sensor housing using a small screwdriver.

### STEP 4

Install the batteries. Make sure the red light blinks.

### STEP 5

Press the programming button on the back of the remote until the awning jogs.

### STEP 6

Press the programming button on the 3D until the awning jogs.

### STEP 7

Adjust the sensor dial to (4).  
(1- Most sensitive, 9- Least sensitive)

### STEP 8

Put the sensor electronics back in the housing.

### STEP 9

Slide the housing back on the mounting plate.

### STEP 10

Test the sensor by pushing up and down on the awning front bar or arm until it begins to retract. You can use the remote to stop the awning after 5 seconds (first test mode).

### STEP 11

Bring it back out and test it again. You can use the remote to stop the awning after 5 seconds (second test mode).

### STEP 12

Make adjustments to the sensitivity if needed and test it again.



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## Instruction for Replacing and Setting Clutch on Bevel Gear

1. Strap arms together (both sections) so they won't open up. This step must be done or serious injury and awning damage could happen.
2. Open awning about 6" to relax fabric.
3. Remove the dome tag label off the plastic end cap to expose two screws (On both ends of the awning). Remove screws in end cap and in metal end plate to loose up hood. Remove hood and set aside.
4. Remove two hex head screws holding gear to end bracket.
5. Loosen bolt holding end bracket to square bar and then remove end bracket.
6. Lift the roller tube and gear out of the hole in the fabric tray and then remove gear.
7. Install new gear into roller tube and then slide gear into hole in fabric tray.
8. Reinstall end bracket onto square bar and do not tighten bolt at this time.
9. Reinstall hex head screws to fasten gear to end bracket and tighten.
10. Tighten bolt in end bracket to fasten to square bar.
11. Use new gear to take up slack in fabric and remove straps on arms.
12. Loosen set screw (A) in top of gear with a 4 mm allen wrench. Take awning out to desired projection. Through hole in end bracket, use a 4 mm allen wrench and turn shaft (B) in gear (Left side – counterclockwise, Right side - clockwise). If shaft will not rotate, then the shaft is in its right orientation. Tighten set screw on top of gear.
13. Test awning to verify the clutch gear is set correctly.
14. Reinstall hood, end plate, end caps and dome tag labels.

