

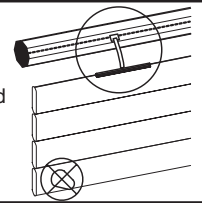


### 3.5 DC E Hz Quick Reference Guide

Tubular operators with integrated radio and manual override for blinds, awnings & roller shutters  
Read all instructions carefully before use.

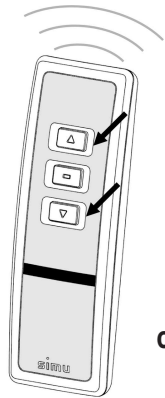
This device complies with part 15 of the FCC Rules. Operating is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired

No hard stops



DC E Hz

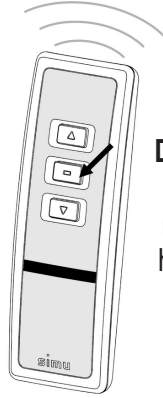
### Both Limits User Set



#### STEP 1

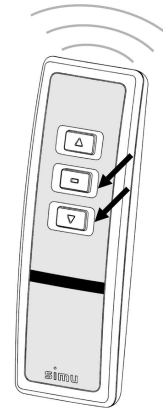
Wake the motor by pressing the **UP** and **DOWN** buttons simultaneously until the motor jogs

**Note: After every command the motor will jog to confirm**



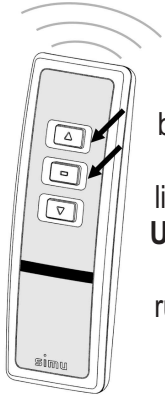
#### STEP 2

Check the direction of rotation with the **UP** or **DOWN** button. If needed, change the direction of rotation by pressing and holding the **STOP** button until the motor jogs.



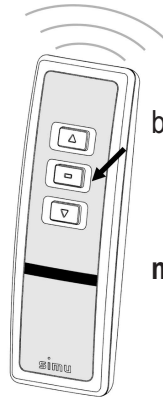
#### STEP 3

Run the motor to the desired upper limit. Press the **STOP** and **DOWN** buttons simultaneously until the motor starts to run downward. Use the **STOP** button to stop the motor near the desired lower limit.



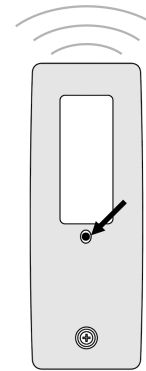
#### STEP 4

Use the **UP** or **DOWN** button to run the motor to the exact desired lower limit. Press the **STOP** and **UP** buttons simultaneously until the motor starts to run. Use the **STOP** button to stop the motor.



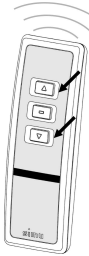
#### STEP 5

Press and hold the **STOP** button until the motor jogs to confirm the limit settings. **Note: Until this step, the up or down limit can be moved by repeating step 3 or step 4**



#### STEP 6

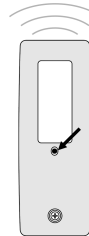
Press and hold the **PROGRAM** button on the back of the transmitter until the motor jogs. The buttons no longer have to be held for the motor to run. Double check the limits are in the desired position



**IMPORTANT:** The programming button in step 6 will not work until the limits have been confirmed as per step 5  
**ADJUSTING THE LIMITS AFTER THE MOTOR HAS BEEN PROGRAMMED.**

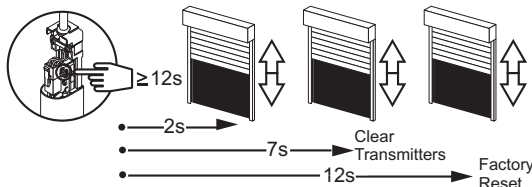
**To change the upper limit** run the motor to its upper limit and let it stop. Press the **UP** and **DOWN** buttons simultaneously until the motor jogs. Run the motor to the new desired upper limit. Press and hold the **STOP** button until the motor jogs. Check the new limit

**To change the lower limit** run the motor to its lower limit and let it stop. Press the **UP** and **DOWN** buttons simultaneously until the motor jogs. Run the motor to the new desired lower limit. Press and hold the **STOP** button until the motor jogs. Check the new limit



**To add or delete a remote/channel** press the **PROGRAMMING** button on the back of an already programmed remote/channel until the motor jogs. Next press the **PROGRAMMING** button on the back of the remote/channel you wish to add or delete until the motor jogs.

**To reset the motor to factory mode** start with the motor connected to power. Cut power for 8 seconds, reconnect power for 8 seconds, cut power for 8 seconds and then reconnect power. The motor should start to run (if this does not happen repeat the 8 second power cuts until the motor does run). Allow the motor to stop on its own (do not press stop, up or down or you will have to repeat the double power cut) Once the motor stops on its own, press and hold the **PROGRAMMING** button for over 8 seconds. The motor should jog twice.



**To use the reset button on the battery to clear old transmitters** press the button for 7 seconds until the motor jogs twice. The old transmitters are cleared but the limits are still programmed. Press the up and down buttons on the new transmitter to wake the motor. Press the programming button on the new transmitter.

**To use the reset button on the battery to reset the motor to factory mode** press the button for 12 seconds until the motor jogs 3 times. The motor is now in factory mode and can be reprogrammed by starting at step 1 above.

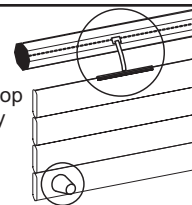


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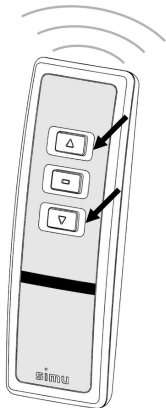
Hard stop  
top only



DC E Hz

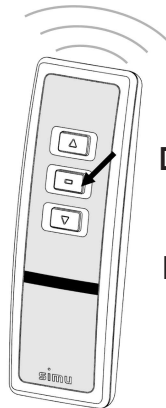
### Top Limit Set by User, Bottom Limit Auto Set

To allow the DC E Hz to auto set a limit the product must have a physical stop strong enough to stop the motor

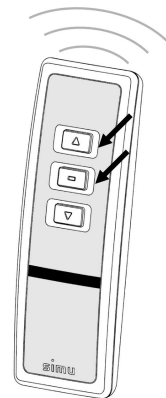


**STEP 1**  
Wake the motor by pressing the **UP** and **DOWN** buttons simultaneously until the motor jogs

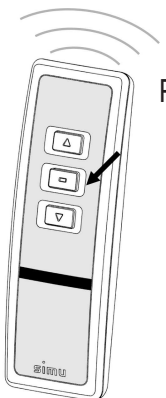
**Note: After every command the motor will jog to confirm**



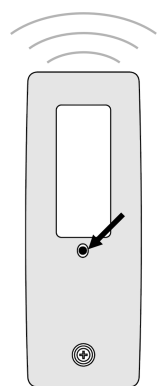
**STEP 2**  
Check the direction of rotation with the **UP** or **DOWN** button. If needed, change the direction of rotation by pressing and holding the **STOP** button until the motor jogs.



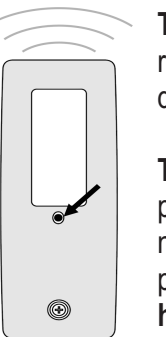
**STEP 3**  
Use the **UP** or **DOWN** button to run the motor to the desired user set limit. Press the **STOP** and **direction away from the limit** simultaneously until the motor starts to run. Use the **STOP** button to stop the motor.



**STEP 4**  
Press and hold the **STOP** button until the motor jogs to confirm the limit setting.

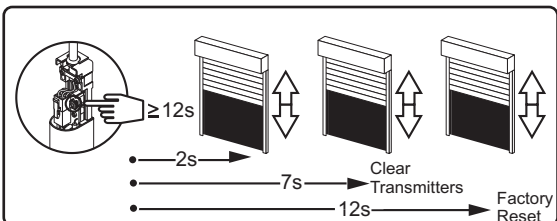


**STEP 5**  
Press and hold the **PROGRAM** button on the back of the transmitter until the motor jogs. The buttons no longer have to be held for the motor to run. The motor will auto detect the non-set limit from the physical stop.



**To add or delete a remote/channel** press the **PROGRAMMING** button on the back of an already programmed remote until the motor jogs. Next press the **PROGRAMMING** button on the back of the remote you wish to add or delete until the motor jogs.

**To reset the motor to factory mode** start with the motor connected to power. Cut power for 8 seconds, reconnect power for 8 seconds, cut power for 8 seconds and then reconnect power. The motor should start to run (if this does not happen repeat the 8 second power cuts until the motor does run). Allow the motor to stop on its own (do not press stop, up or down or you will have to repeat the double power cut) Once the motor stops on its own, press and hold the **PROGRAMMING** button for over 8 seconds. The motor may jog twice.



**To use the reset button on the battery to clear old transmitters** press the button for 7 seconds until the motor jogs twice. The old transmitters are cleared but the limits are still programmed. Press the up and down buttons on the new transmitter to wake the motor. Press the programming button on the new transmitter.

**To use the reset button on the battery to reset the motor to factory mode** press the button for 12 seconds until the motor jogs 3 times. The motor is now in

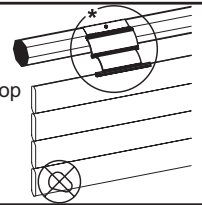


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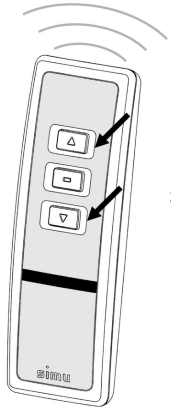
Hard stop  
bottom  
only



DC E Hz

### Bottom Limit Set by User, Top Limit Auto Set

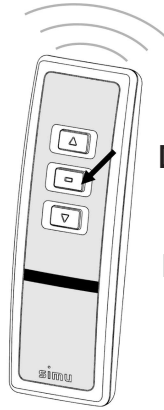
To allow the DC E Hz to auto set a limit the product must have a physical stop strong enough to stop the motor



#### STEP 1

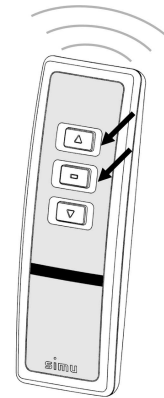
Wake the motor by pressing the **UP** and **DOWN** buttons simultaneously until the motor jogs

**Note: After every command the motor will jog to confirm**



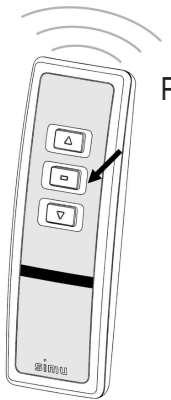
#### STEP 2

Check the direction of rotation with the **UP** or **DOWN** button. If needed, change the direction of rotation by pressing and holding the **STOP** button until the motor jogs.



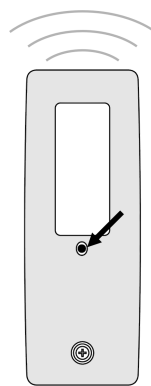
#### STEP 3

Use the **UP** or **DOWN** button to run the motor to the desired user set limit. Press the **STOP** and **direction away from the limit** simultaneously until the motor starts to run. Use the **STOP** button to stop the motor.



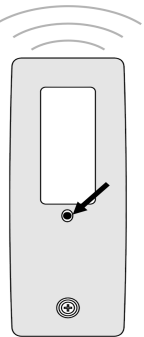
#### STEP 4

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



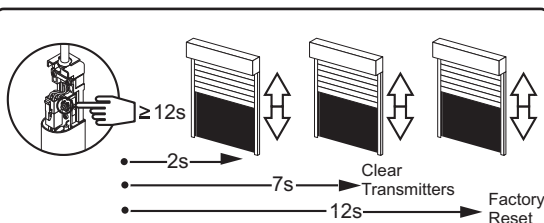
#### STEP 5

Press and hold the **PROGRAM** button on the back of the transmitter until the motor jogs. The buttons no longer have to be held for the motor to run. The motor will auto detect the non-set limit from the physical stop.



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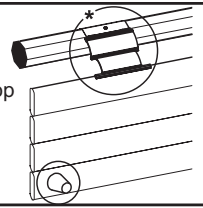


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Hard stop  
top and  
bottom

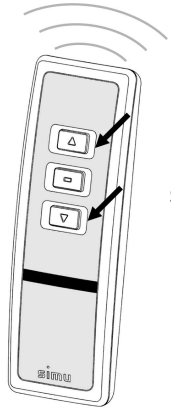


### Auto Set Both Limits

To allow the DC E Hz to auto set a limit the product must have a physical stop strong enough to stop the motor



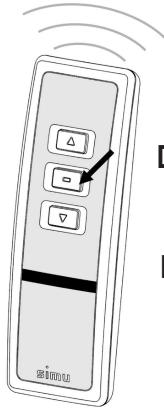
DC E Hz



#### STEP 1

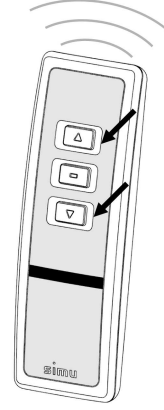
Wake the motor by pressing the **UP** and **DOWN** buttons simultaneously until the motor jogs

**Note: After every command the motor will jog to confirm**



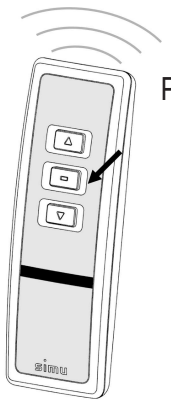
#### STEP 2

Check the direction of rotation with the **UP** or **DOWN** button. If needed, change the direction of rotation by pressing and holding the **STOP** button until the motor jogs.



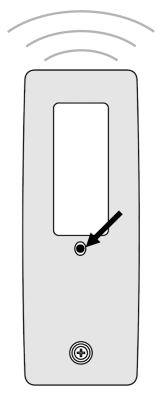
#### STEP 3

Set limits to Auto detect by pressing the **UP** and **DOWN** buttons simultaneously until the motor jogs



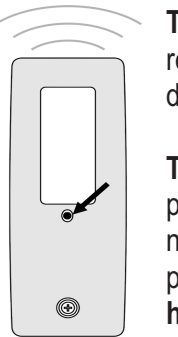
#### STEP 4

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



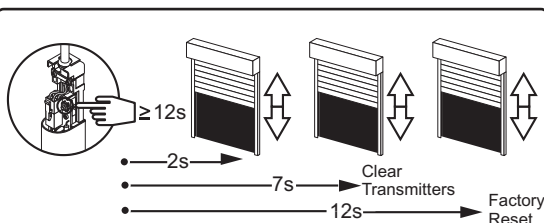
#### STEP 5

Press and hold the **PROGRAM** button on the back of the transmitter until the motor jogs. The buttons no longer have to be held for the motor to run. The motor will auto detect the non-set limit from the physical stop.



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