

45mm RF ELECTRONIC LIMIT 240V MOLEX 20Nm AND 50Nm - 802411000 (MR45-20/17-MEL) and 802412000 (MR45-50/12-MEL)

To Pair the Motor and a Remote / Channel

1. Using a paperclip or similar, press and **hold** the programming (prog.) button in the head of the motor for more than three seconds to wake the motor up. The motor will jog.
2. Select the channel required on the remote (if applicable) and press briefly the **UP** (top) button within 10 seconds. The motor will jog.

To Change the Rotation Direction

1. Press the **STOP** (middle) button of the programmed remote/channel for 7 seconds. The motor will jog.
2. Press briefly the **DOWN** (bottom) button within 10 seconds. The motor will jog.

To Set the Top and Bottom Limits

Note: When setting any limits, if there is no action within 30 seconds, the motor will exit limit setting mode.

1. Using a paperclip or similar, press and **hold** the prog. button found on the side of the remote control for more than three seconds to enter limit setting mode. The motor will jog.
2. Set the top limit first: Press **UP** to move the blind to the desired top limit.
3. Press and **hold** the prog. button on the side of the remote control for more than three seconds to store that limit. The motor will jog.
4. Press **Down** to move the blind to the desired bottom limit.
5. Press and **hold** the prog. button on the side of the remote control for more than three seconds to store that limit. The motor will jog.
6. NB - With the blind at the bottom limit, Press and **hold** the prog. button on the side of the remote control for more than three seconds to exit limit setting mode. The motor will jog.

To Set Intermediate Stopping Positions

Note: It is possible to set up to 6 intermediate stopping positions including top and bottom. An up/down command will send the motor to the next limit in that direction. To go straight to the top or bottom limit, double press the up/down button. The top and bottom limits must be set and stored prior to setting any intermediate stopping positions.

1. Press **UP** or **DOWN** to move the blind to the desired intermediate stopping position.
2. Press and **hold** the prog. button on the side of the remote control for more than three seconds to enter limit setting mode. The motor will jog.
3. Release, then press and **hold** the prog. button on the side of the remote control for more than three seconds to store that limit. The motor will jog.

To Adjust a Limit

1. Move the blind to the limit to be adjusted.
2. Press and **hold** the prog. button on the side of the remote control for more than three seconds to enter limit setting mode. The motor will jog.
3. Press **UP** or **DOWN** to move the blind to the desired new position.
4. Press and **hold** the prog. button on the side of the remote control for more than three seconds to store the limit. The motor will jog.

To ADD a New Remote or Channel

1. Using a remote or channel **ALREADY PROGRAMMED** to the motor, wake the motor up by pressing and **holding** the **STOP** (middle) button for more than three seconds. The motor will jog.
2. Press briefly the **UP** button on the **NEW** remote/channel within 10 seconds. The motor will jog.

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To DELETE a New Remote or Channel

1. On the remote or channel to be deleted, wake the motor up by pressing and **holding** the **STOP** (middle) button for more than three seconds. The motor will jog.
2. Using a paperclip or similar, within 10 seconds, press and hold the programming button on the side of the remote control for three seconds. The motor will jog.

To DELETE Any Limit

Note: The top limit cannot be deleted, only adjusted.

1. Move the blind to the limit to be deleted.
2. Press and **hold** the programming button **on the side of the remote control** for approximately seven seconds. The motor will jog.
Note: The motor will jog twice, keep the button depressed until the second jog after 7 secs.

To Switch from Automatic Movement to Manual Movement (or Vice Versa)

1. Wake the motor up by pressing the **STOP** (middle) button for 5 seconds. The motor will jog.
2. Within 10 seconds, press the **STOP** button briefly. The motor will jog.

To Return to Factory Mode: Factory Reset

1. **On the motor**, press the program button for more than **SEVEN** seconds.
Note: The motor will jog twice, keep the button depressed until the second jog after 7 secs.
2. Once reset, the motor will do a double jog.

To Copy from One Channel and Paste to Another Channel: Grouping Multiple Blinds to One Channel

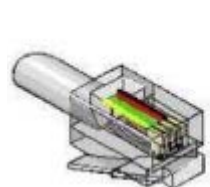
1. Using a remote or channel **ALREADY PROGRAMMED** to the motor, wake the motor up by pressing and **holding** the **STOP** (middle) button for more than three seconds. The motor will jog.
2. Press briefly the **UP** button on the **NEW** remote/channel within 10 seconds. The motor will jog.

Hiding and Un-hiding channels on a Multi-Channel remote

1. Locate the Program or "Learn Button" on the remote control.
2. Using a Paperclip or something similar give the program button a very quick press (do not hold it in), you will notice the channel light flashing either very fast or a slow steady flash.
FLASHING FAST = Channel Hidden **FLASHING SLOW** = Channel Visible
3. While the channel is flashing press the **STOP** button, this will change the rate of flashing to either Fast or Slow meaning that channel is either Hidden or Visible.
4. Now give the Program Button on the a Very Quick press to exit and save.

Connection Requirements

Optional Dry Contact Control or Serial RS485/232

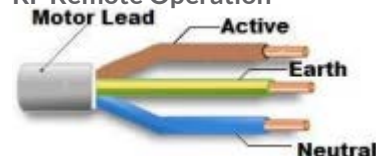


Serial = RS485/232



White: Serial A
Black: Common
Red: Up
Green: Stop
Yellow: Down
Blue: Serial B

RF Remote Operation



Motolux is a world-class manufacturer of motorisation products and systems dedicated to window covering markets worldwide. A designer and manufacturer of a fully integrated range of motorisation solutions, Motolux products are suitable for commercial or residential use. Our high quality product range is streamlined to simplify the process of manufacturing, installation and ongoing maintenance of almost any type of motorised window covering product.

REVISION 2 - 2022

MOTOLUX

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