



N18873

# ***Raex***

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## CURTAIN TRACK MOTOR

# M750-E System Specifications



Please read the specifications carefully BEFORE installation or use.  
This system can only be installed by an electrician and qualified track installer.

**windoware**  
*designer collection*

## Attention:

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1. The installation and limit adjustments must be done by a professional curtain track installer.
2. Do not install this system outside or in direct sunlight
3. Never attempt to repair or alter the motor.
4. Never add lubricant to the drive as the system has a lubricated design.

## Characteristics:

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- This system is driven by AC synchronous drive.
- It is compatible with straight and curved curtain tracks and is widely used with all types of curtains.
- This system has perfect temperature protection, strong load capacity and an electrical approval.
- This drive has strong torque, quiet and waterproof design, integrated with a radio receiver within its casing.
- Setting electronic limits with precision, no additional receiver is required to operate the motor making installation easier. It can also be connected through switches and computer equipment.
- Suitable for most situations when remote operated curtains are required.

NB: On straight tracks the motor will carry 90kg. For bent tracks allow a 15% reduction in weight carrying capacity for each 90deg bend.

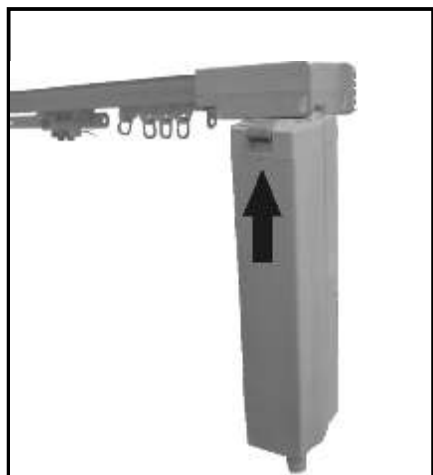
## Motor Specifications:

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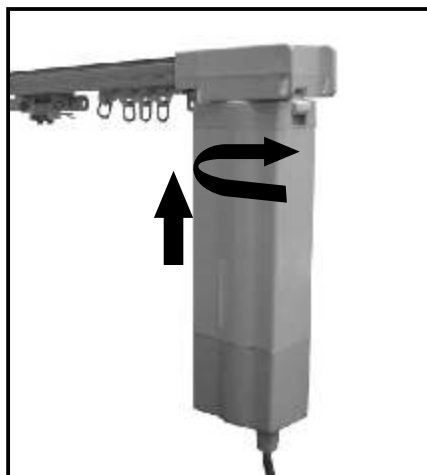
Type:	M750-E
Voltage (v):	220/240
Frequency (Hz):	50/60
Power (w):	90 watt
Torque (Nm):	2
Speed (rpm):	112/133
Insulation Class:	I.cl.E
Overheating Protection:	6min
Protection Index:	IP41

## Installation of Drive:

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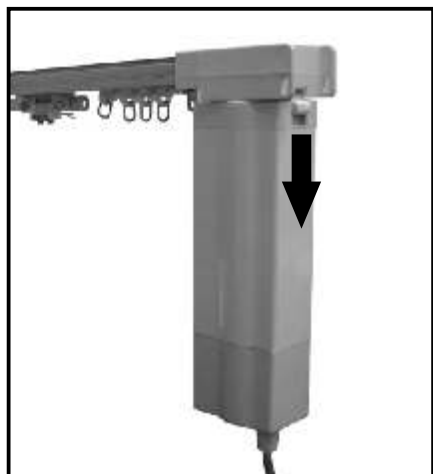
1. Push the motor into the drive unit at a ninety degree angle



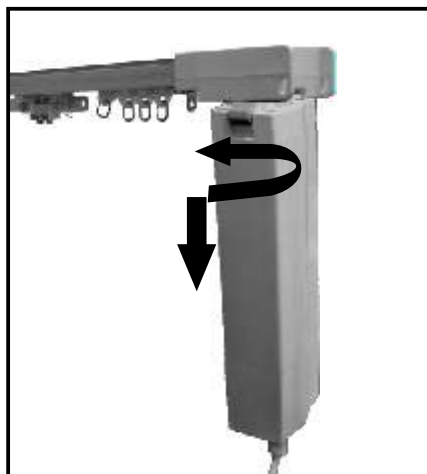
2. Turn the motor to the correct position, the grey lock will rebound automatically at the back of the motor

## Take down the Drive:

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1. Pull down the lock clip with your finger

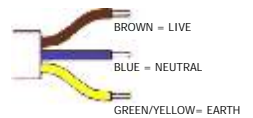


2. Turn the motor to ninety degrees to the track, take out the motor

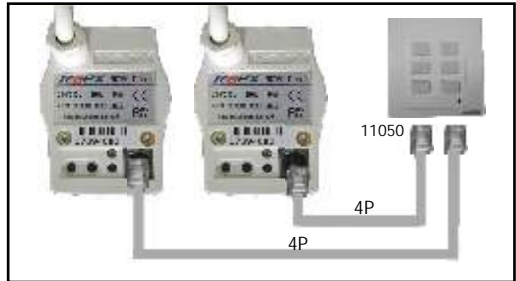
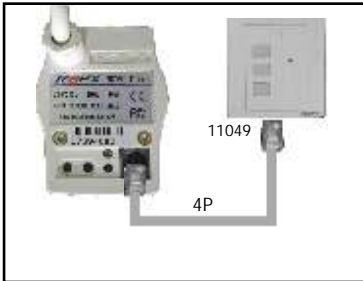
# System Connection:

## Power Wire Connection

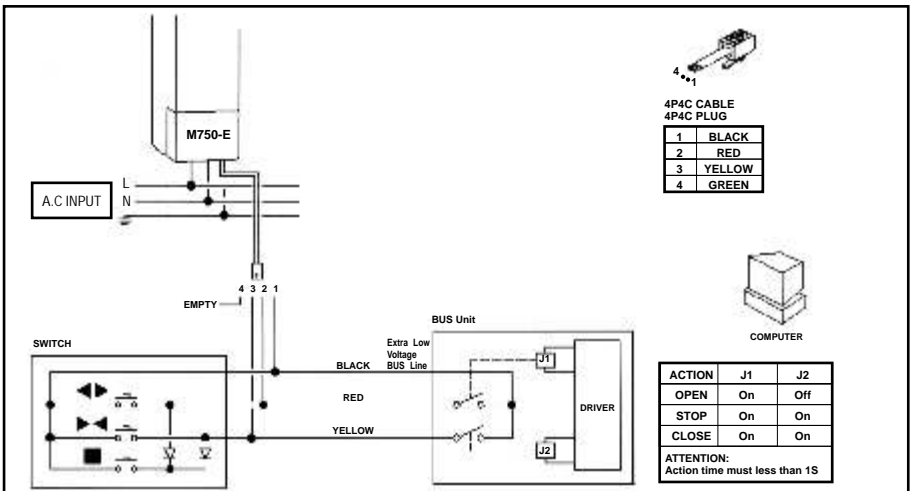
Please connect the wire correctly according to the instructions below



## Connection using wall switches



## Motor Connecting to BUS line



## Attention






1. 4P4C phone cable and 4P4C plugs are used to connect to the computer connections
2. When connecting phone cables with plugs, the colours of the cable cores must be ranked as shown in the diagram
3. The system uses dry contact. The black is common and the green is not used. Black/Red and Black/Yellow are your open and close contacts.

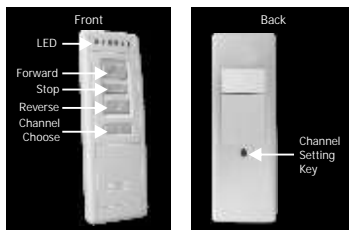


1	Black
2	Red
3	Yellow
4	Green

# Remote Setting:

## Button Functions

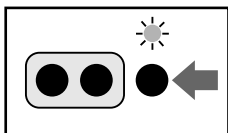
- [UP]  Open the curtain
- [STOP]  Midway Stop
- [DOWN]  Close the curtain
- [CHANNEL CHOOSE]  Choose corresponding channel by pressing buttons
- [CHANNEL SETTING]  Set the remote channel



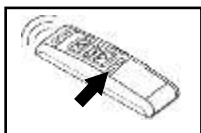
7 Channel Remote Control

1. Before operating the remote control function, please operate "add a new remote channel" steps in order to record the signal into the motor.
2. If you want to delete all the channels, please operate "delete all remote control channels" steps.
3. The motor limits can be set as soon as the remote is tuned to the motor.
4. If the open or close direction is opposite to the remote directions, please operate "correct direction" steps.

## Add a New Remote Channel Setting:



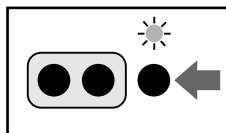
1. Press the motor [learning code] until the indicator light is on.



2. Press the [channel choose] to choose your channel.

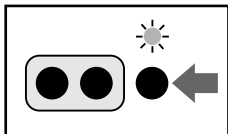


3. Press the [channel setting] button on the back of the remote with a needle.

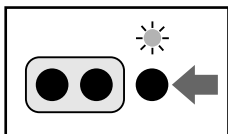


4. Press the motor [learning code] again to confirm the operation, the channel will set to the channel selected on the remote.

## Delete all Remote Control Settings:



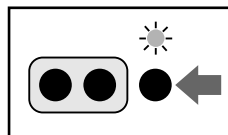
1. Press the motor [learning code] until the light is on.



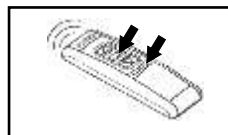
2. Press the motor [learning code] until the light is off.

## Correct the Direction:

You may find the direction of your curtain is the opposite to your remote direction, therefore to correct direction simply:



1. Press the [learning code] until the light is on.



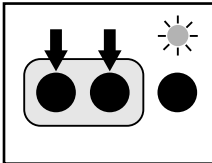
2. Press [channel choose] + [stop].

## Limit Settings:

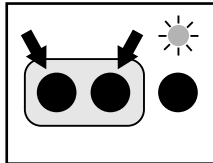
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The Motor has an electronic limit function which will set the limit position of your curtains open and close position.

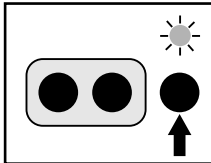
### A) Setting the limit via the motor



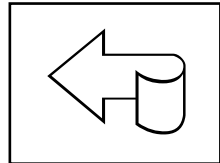
1. Press the motor [open] + [close] at the same time until the light is on. The motor is at the limit setting state.



2. Press [up], [down] to make the curtain arrive at the suitable limit point.



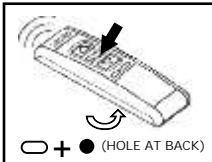
3. Press [learning code] to confirm the limit point when the curtain stops at the desired position.



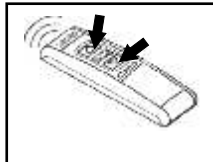
4. Repeat steps 2 and 3 to set another limit.

NB: Be careful when setting limits because if the carrier is already at the extreme track end and you try to move it further you can snap the belt

### B) Setting the limit via the remote



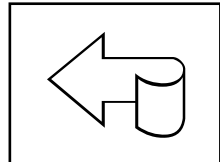
1. Press the remote [stop] + [channel choose], on the back, at the same time.



2. Press [up] forward, [down] reverse, to make the curtain arrive at the suitable limit point.



3. Press [channel choose] to confirm the limit when the required limit is reached.

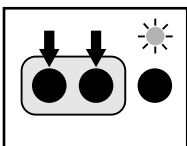


4. Repeat steps 2 and 3 to set another limit.

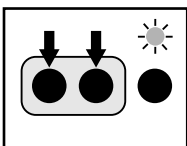
## Deleting Limit Settings:

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### A) Deleting the limit via the motor

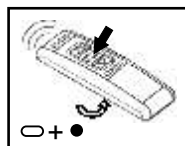


1. Press the motor [open] + [close] at the same time until the light is on. The motor is at the limit setting state.

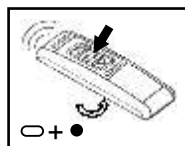


2. Press the motor [open] + [close] again at the same time until the light is off, the limit setting has been deleted.

### B) Deleting the limit via remote



1. Press the remote [stop] + [channel choose] at the same time until the light is on. The motor is at the limit setting state.



2. Press the remote [stop] + [channel choose] again at the same time until the light is off, the limit setting has been deleted.

## Troubleshooting:

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Malfunction	Reason	How to Rectify
Both motor and the light are off	No power	Check the power supply
Light is on, but motor has no movement	Limit setting error	Re-set the limits
Remote control does not work	Incorrect channel setting	Reset the remote control channel
	Remote light dim	Change the batteries
	Distance too far for signal	Do not use the transmitter beyond the control range of 30 metres
Stop point incorrect	The motor was reinstalled	You must reset the stop point after reinstallation
Motor stops halfway	Too much curtain fabric weight	Check the fabric, ensure the weight is within the load capacity
	Fabric blocked	Check if the track or the fabric is blocked or pulled by hand
The system is not working	Cut the power supply for one minute. The system will sometimes restore itself	
Any other malfunction	Please contact your dealer for assistance	

## Warranty:

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The M750-E Motor carries a 3 (three) year warranty from the date of the invoice.

Any malicious damage, incorrect installation or misuse are not covered by the warranty.



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#### PLEASE NOTE THE FOLLOWING:

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- **WARNING:** Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury. **SAVE THESE INSTRUCTIONS.**
- **DO NOT** allow children to play with fixed controls. Keep remote controls away from children.
- Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.