

IQ/MLC™ WindowManagement® For ElectroShades®



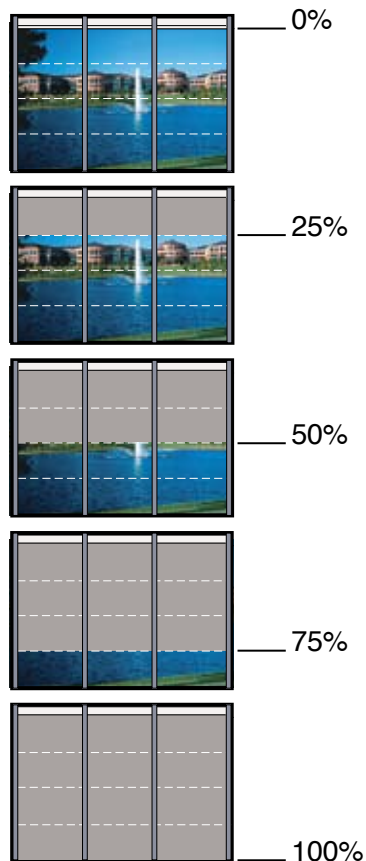
IQ/MLC™ WindowManagement®

The system for mid-window window-shade alignment with multi-level switch control

MechoShade Systems' state-of-the-art IQ/MLC® control unit is a highly advanced microprocessor-based WindowManagement® system for operating ElectroShades®. The program is hardwired point-to-point with cost-effective asynchronous (standard) motors. The IQ/MLC® was developed to provide unique features not available in any other standard motor-control system.

Mid-window alignment with three intermediate positions

Touch the appropriate combination of buttons and the shades align full up, full down or at any of three default or custom in between, according to the motor/switch groups assigned in the IQ/MLC® control unit.



Three default mid window alignment positions with up to five levels of switching

Switching flexibility and multiple-level control

Any combination of the switching can include individual, local, sub-group, group and master control within each four-motor IQ/MLC® using economical standard motors.

Low-voltage control

The 12VDC control is compatible with off-the-shelf sun, sun/wind, remote-control timers and A/V-system components.

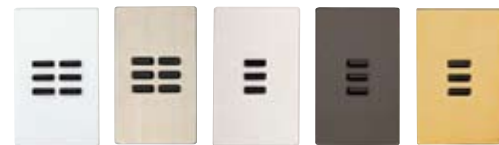


Two modes of operation

In the normal mode, shades can be programmed to stop anywhere at anytime and at three intermediate stop positions. In the uniform mode, shades will only stop at pre-selected positions plus full up and full down. This assures that the positions of the shades will remain horizontally uniformity.

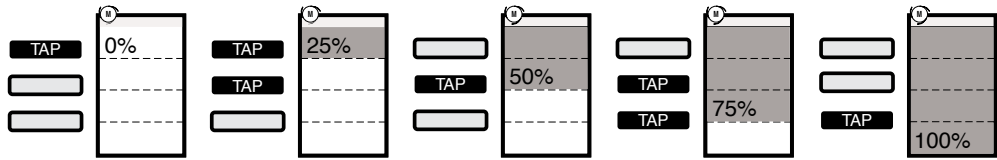
Switching and reconfiguration without rewiring

Switching requirements can be reconfigured without rewiring by assigning the DIP switches within the IQ/MLC® control unit. Or, by add motors and switches, switching requirement can be reconfigured by linking IQ/MLCs in series within a low-voltage control circuit.



LiteTouch® H-Series Keypad

The LiteTouch® unit features a three- or six-button configuration. The faceplate is available in standard anodized aluminum, stainless steel and prime-coat finishes. A premium finish must be specially ordered, and the range includes high-style architectural detailing such as oil-rubbed bronze and 24K-gold plate is available.

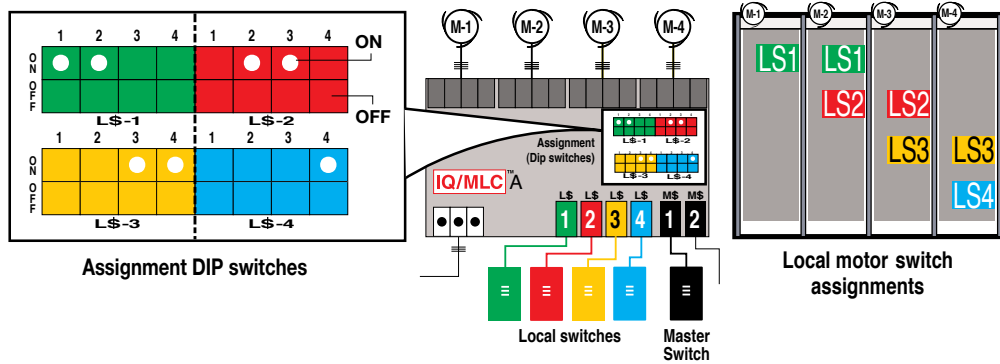


Please see IQ/MLC™ specifications for additional Local and Master Switch functionality. Local Switches control only those shade motors that have been assigned to them within an IQ/MLC control circuit. Master Switches control all shade motors on an IQ/MLC control circuit.

Simple shade alignment control

1. Press the top and middle button simultaneously for shades to be ¼ way down.
2. Press the middle button for ½ down.
3. Press the middle and bottom button

- simultaneously for ¾-down default position.
4. Press the top button for full-up default position.
5. Press the bottom button for full-down default position



Assigning local switches to the motors

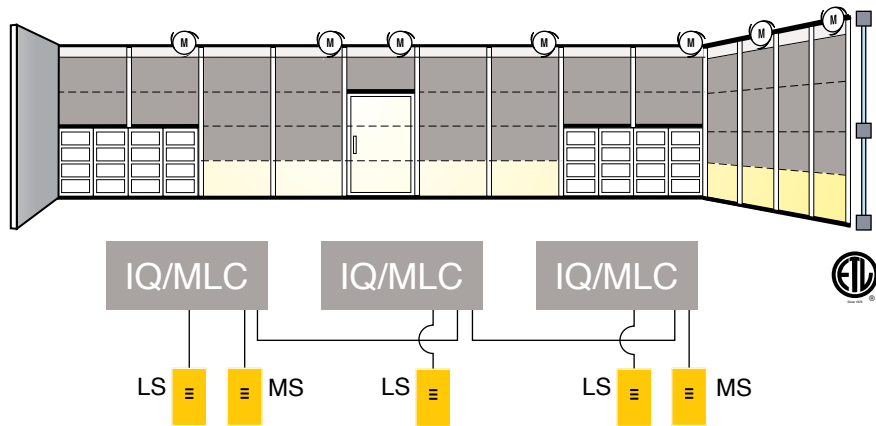
You can create up to four levels of control, plus master control, by assigning any of the four local switches to any combination of four shade motors:

1. Locate the appropriate assignment DIP

switch or switches within the IQ/MLC® control unit for the local switch to which you wish to assign motors.

2. To control the appropriate motors, activate any combination of the four DIP switches.

Three IQ/MLCs / 3 Local Switches / 2 Master Switches



Custom user defined intermediate window positions are used in this scenario both above the door and the architectural details in the corners.

Alignment

Shades can be aligned with any architectural window detail by using the three custom, user-defined intermediate mid-window positions.

Three mid-window default alignment positions with up to five levels of switching control

See the IQ/MLC[®] specifications for additional local- and master-switch functionality. Local switches will control only those shade motors that have been assigned to them with an IQ/MLC[®] control circuit. Master switches will control all shade motors on an IQ/MLC[®] control circuit.

Custom user-defined intermediate window positions are used in this scenario for both above the door and the architectural details in the corners.