

Installation Instructions
for Motorized Roman Shade

	Motorized	Motorized Dual
NO.	Item	Specification
1	Power Source	MRS-32A: AC Power 100-240V, 50 / 60Hz MRS-32C: Battery Power Li-ion batteries
2	Battery operating voltage range	4.2V~3.4V (Single cell)
3	Radio type	2.4G RF
4	Frequency band(s)	2415~2459MHz
5	Motor type	Brush DC motor
6	Charge type	Power Adapter: for MRS-32C
7	Charging Time	< 3 hours
8	Charging Temperature	5°C/41°F ~ 35°C/95°F
9	Operating Temperature	0°C/32°F ~ 40°C/104°F
10	Relative Humidity	0% ~ 90% (Non-condensing)
11	Ave. Sound Level @1m	≤ 50dBA

FCC ID: Q3V-MRS32A / Q3V-MRS32C
ICC ID:28542-MRS32A / 28542-MRS32C
CAN ICES-003 (B) / NMB-003 (B)



Safety Precautions

Thank you for your purchase. Please review the instructions carefully before using the product, and save these instructions for future consultation.

- **WARNING!** Important safety instruction: It is critical for your safety and the safety of those around you to follow these instructions. Save these instructions.
- **WARNING!** The drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
- The products may contain Lithium-ion batteries; the battery contains flammable materials such as organic solvents. Please read the Important Safety Precautions before using the product.
- Please recharge the batteries every 3-6 months to ensure optimal performance of batteries.
- Product operation is intended for temperatures between 0°C/32°F ~40°C/104°F.
- Please note that the limited warranty will be voided if the product is modified, dismantled or used in any manner other than its intended purpose.
- The accessories, including Aadpter, Remote are designed to be used with our Motorized Shades. Do NOT use them for any other purpose.
- Please make sure the shade route is clear when operating to avoid danger or damage.
- In order to improve the user experience and functionality, the firmware and software of this product will automatically update from time to time.

- **WARNING!** For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance. Detachable supply unit (UHVUU3036-240015SA / UHVUE3036-240015SA / UHVUA3036-240015SA / UHVUK3036-240015SA)
- Do NOT disassemble the products or any of their components. They do not contain serviceable parts. Servicing of these products should be referred to qualified personnel.
- This appliance contains batteries that are only replaceable by skilled personnel, trained authorized retailer or electrician.
- Do NOT operate the product with wet hands to avoid risk of electrical shock. The product needs to be powered off and disconnected from its power source during cleaning, maintenance and/or replacing parts.
- The 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. (not for EU/UK market)

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. (for EU/UK market only)
- The appliance is only to be used with the power supply unit provided with the appliance.
- 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.
- **WARNING:** Important safety instructions. It is important for the safety of persons to follow these instructions. Save these instructions.
- **WARNING:** Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury -before installing the drive, remove any unnecessary cords or components and disable any equipment not needed for powered operation; -the characteristics of the driven part must be compatible with the rated load and rated operating time; -the mass and the dimension of the driven part shall be compatible with the rated torque and rated operating time; -fixed controls have to be clearly visible after installation;
- This appliance contains batteries that are only replaceable by skilled persons.
- Do NOT operate when maintenance, such as window cleaning, is being carried out in the vicinity.
- 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 springs and fixings. Do not use if repair or adjustment is necessary.
- LpA ≤ 70 dB(A).

- Please take a moment to review the following installation guide.
- Please leave shade in folded open position for ease of installation
- Be sure to keep all components and packaging until shade is fully installed

Recommended Tools

- Power drill and Drill bit
- Tape Measure
- Screwdriver
- Level
- Pencil



You will need to use the following fasteners for your particular mounting surface.

Surface	Fastener
Wood	1 1/2" Screw (Provided)
Drywall/Plaster	Wall Anchors, Expansion Bolts (Not Provided)
Metal	Sheet Metal Screws (Not Provided)

Hardware Included

Name	Outside Mount Male Bracket	Inside Mount Male Bracket	
Image			
Name	1 1/2" Screw	2 1/2" Screw (when use spacer block)	Spacer Block
Image			

Hardwares Standard Quantity:

Order Width (X)	12 ≤ X ≤ 44	44 < X ≤ 70	70 < X ≤ 96
Male Bracket	2	3	4
Male Bracket Screws	4	6	8

Check Components for MRS-32A for AC Power

36W Adapter		
36W Adapter	Power Connector	Extension cord(optional)
65W Adapter		
65W Adapter	Power Cord	Extension cord(optional)

Check Components for MRS-32C for Battery Power

36W Adapter	Power Connector	Extension cord(optional)

Remote



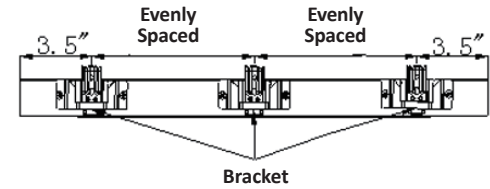
INSTALLING THE SHADE

a.Mounting Installation Brackets
To mark the shade

Step 1: Position the shade inside or outside (depending on the version) the window opening. Make a mark along the end of the headrail on both sides on the mounting surfaces.

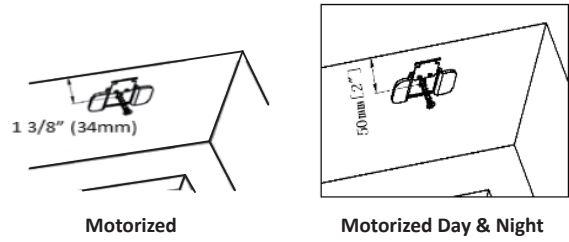
Step 2: Mark the positions where you will install the brackets, 3.5" (89mm) in from each side of the shade.

** Proper alignment of brackets will make installation easier.



Inside Mount

- When flush inside mount, allocate a min. distance of 1 3/8" (34mm) for Motorized, while 2" (50mm) for Motorized dual from the edge of the wall to the center of the screw hole.

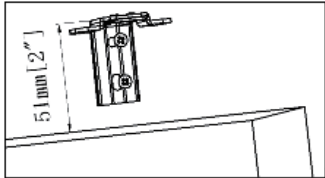


- For semi-inside mount, it should be at least 3/4" (19mm) from the center of screw hole to the edge of the wall.

-Use one 1 1/2" Screw to secure brackets.

Outside Mount

Allocate a minimum distance of 2" (51mm) from the end of brackets to the top window frame.



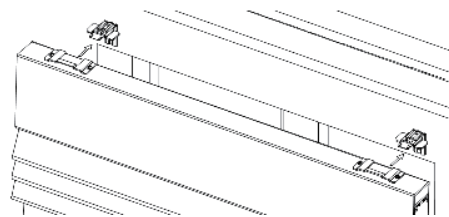
For Motorized with MRS-32A and MRS-32C, as well as Motorized Day & Night, the combination of bracket and one spacer block to be used. Put the spacer block at the back of the bracket as pictured below, and then attach the combination with 2pcs 2.5" screws.Please always make sure the raised side of the spacer block is against the bracket.

Note: If additional spacer block is required, please install it as above picture.

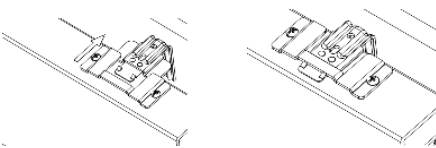
b.Mounting the Shade

Shade Installation is the same for both inside and outside mount applications.

Step 1 : Align the female bracket on the shade to the male bracket.

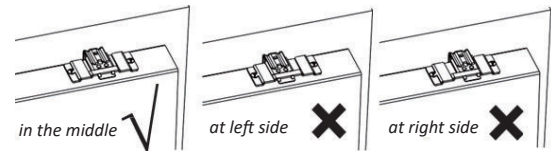


Step 2 : Slide the female bracket on the shade into the male bracket until it snaps into place. If more than two brackets are used, it is recommended to attach the center female bracket into the male bracket first, and then attach the female bracket at each end.



Step 3 : If the female brackets are a little off from the male bracket, the position of the female brackets can be adjusted by moving left or right 8mm (5/16").

Note: To make the installation easily, please do the best to eliminate the deviation of the placement of bracket, to make sure the male bracket is in the middle of the female bracket.



CHARGING THE SHADE (MRS-32C)

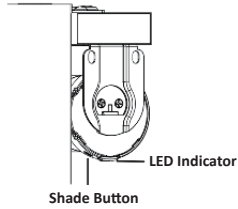
Warning!

- Please charge the shade before use!
 - Please DO NOT use the shade when charging.
 - Please recharge your shade every 3~6 months to ensure optimal performance of batteries.
 - Please only use the 36W AC Adapter included with this product.
- If using the extension cord, please DO NOT bend or twisted the cord to avoid product damage or raise safety concerns.
- After charging, please store the 36W AC Adapter, extension cord for later use.

SHADE OPERATION

For Shade with MRS-32A AC Adapter, the shade will power on as soon as the power is connected.

For Shade with MRS-32C Battery Power, press and hold the shade button for 3 seconds and the green light will flash for power on before operation.



Operate the shade by Remote Control

Select the group of the shade, press OPEN to fully raise the shade (fully open position).



Select the group of the shade, press CLOSE to fully lower the shade (fully close position).



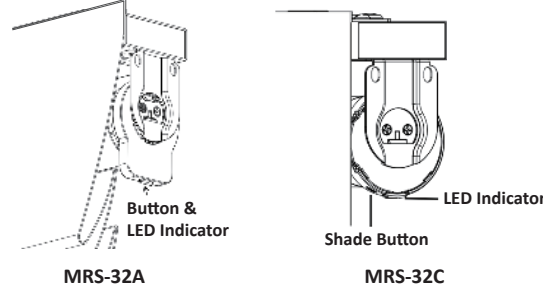
Select the group of the shade, press ▲ or ▼ to adjust shade location.



- ▲ : Move to Best View
- : Stop the shade
- ☆ : Move to My Favorite
- ▲ : Move to Best Privacy

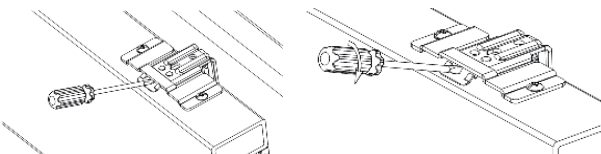
Operate the shade by Shade Button

When the remote is out of reach, the shade can be operated by shade button. Press the button to move the shade in first direction when the shade is still. Press the button to stop the shade while the shade is in motion. Press the button again to move the shade in the opposite direction.

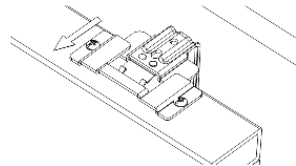


REMOVING THE SHADE

Step 1 : Insert the screwdriver into the space between the female and male bracket. Separate male bracket apart from the female bracket by revolving the screwdriver as pictured below. **If more than two brackets are used, it is recommended to separate the bracket at each end first, and then separate the one in the center.**



Step 2 : Gently pull the shade outward to remove the shade.



TROUBLESHOOTING

Problems	Possible Cause	Description
No reaction upon operation	No Signal	Operate the shade by a Remote and check the LED indicator on the shade. Green light blinks: The shade receives signal normally. Red light blinks: Low battery / Over temperature limit Red/Green light blinks: Other problems No light: Not receiving signal / Not paired with a Remote / The shade is powered OFF.
	Low battery of Remote	Please check if the Remote group lights work normally, or replace new batteries.
	Low battery of Shade with MRS-32C	Please use 36W Adapter to charge the shade.
	The shade is not paired with the Remote	Press and hold the paired Group button and check if the shade responds. Shade response as shift x 1 means it has been paired. Shade no response means it needs to be paired first. Please refer to Remote Control Manual" for pair steps.
	Over Temperature Protection	The shade might be overheated when the LED indicator on shade blinks red during operation. Please wait at least 30 minutes and operate the shade again. Please refer to the Specification for applicable operating temperature.
	The limits are not fully setup	Press 🏠 / ▲ on Remote to operate the shade and check if the shade LED blinks green and the shade works normally. If not, the shade limits might not be fully set up for full functionality, please refer to "Remote Control Manual" to set up shade limits again. IMPORTANT! Upper and Lower limits must be setup for full function of the shades.
	Other Problems	Re-power ON : Hold the shade button for 3 seconds to power ON/OFF the shade If the problem still exists, please try “Hardware reboot”. Hardware reboot : Hold the shade button for 10 seconds until the red light illuminates and the shade will reboot. If the problem still exists, please contact your customer service for further assistance.
Limits shift	Abnormal power failure	Abnormal power failure may cause a shift of limits, please refer to "Remote Control Manual" to set up limits again.
	Others	Please contact your customer service for further assistance.

SAFETY STATEMENT

Federal Communication Commission Interference Statement
This device complies with Part 15 of the FCC Rules. Operation 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 operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Industry Canada Equipment Standard for Digital Equipment (ICES) –Canada
This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. **CAN ICES-3 (B)/NMB-3(B)**
Innovation, Science and Economic Development Canada(ISED) Compliance Statement
This device complies with ISED’s licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d’ ISED applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.
Radiation Exposure Statement:
This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements FCC/ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 20cm entre le radiateur et votre corps.

SAFETY INSTRUCTIONS FOR LITHIUM BATTERIES

The product may contain lithium-ion batteries; the battery contains flammable materials, such as organic solvents. Mishandling of the battery may cause fire, smoke, or explosion.
DANGER
Do not immerse the battery in any liquid, such as water, beverages, or other fluids.
Exposure to liquid may damage the battery or the battery pack. Damaging the battery may generate heat, smoke, catch fire, or explode.
Do not use or place the battery in or near an open flame, heater or high temperature areas (above 80°C or 176°F)), such as those near a microwave or other cooking appliance.
Subjecting the battery to high temperature or near electromagnetic radiation may damage the polyolefin separator and can cause short circuit. This may cause the battery to generate heat, smoke, catch fire, or explode.

About Charging: Do not use unauthorized chargers.
Only charge the battery within recommended conditions (e.g., temperature range, voltage, and current). Use of an unauthorized charger could cause the battery to generate heat, smoke, catch fire, or explode.
Do not attach or insert battery with polarity reversed.
If the battery does not easily fit into the charger or device, check the battery orientation. Do not force the battery into the compartment. If the battery is inserted incorrectly, the battery may generate heat, smoke, catch fire, or explode.
Do not connect the battery to an AC outlet or DC automotive plug. The battery requires a specific charger. If the battery is connected directly to a power outlet, the battery may generate heat, smoke, catch fire, or explode.
Do not use the battery in equipment for which it was not intended. If the battery is used in unapproved applications or systems, the battery may be damaged and generate heat, smoke, catch fire, or explode.
Keep the battery away from heat and fire.
Excessive heat will damage the battery and may cause it to generate smoke, catch fire, or explode.
Do Not connect the positive (+) and negative (-) terminals with a conductive material. Do not carry or store the battery with any metal objects. If the battery is shorted, it may overheat and the battery may generate heat, smoke, catch fire, or explode.
Avoid excessive impact to the battery.
Impact beyond specification may damage the battery. This may cause the battery to leak, generate heat, smoke, catch fire, or explode.
Do not penetrate the battery with any sharp object.
If subjected to a hard strike or penetrated by an object, the battery may be damaged, thereby causing the battery to short-circuit. This may cause the battery to generate heat, smoke, catch fire, or explode.

Do not directly solder to the battery.
Soldering directly to the battery could melt the separator, damage the fume release vent or other safety mechanisms. This may cause the battery to generate heat, smoke, catch fire, or explode.
Do not disassemble the battery.
Disassembly or modification of the battery may damage the protection circuit. This may cause the battery to generate heat, smoke, catch fire, or explode.
Do not charge the battery near high temperature.
If the battery is charged while exposed to high temperature, the battery’s protection circuit may activate and prevent charging, or fail and cause the battery to generate heat, smoke, catch fire, or explode.

WARNING

Ingestion
Keep away from small children.
Keep the battery away from small children. If the battery or any of its component parts is swallowed, seek medical attention immediately.
Mixed Use
Do not mix with other batteries.
The battery should not be used with other batteries having a different capacity, chemistry, or manufacturer. Doing so could cause the battery to generate heat, smoke, catch fire, or explode.
Rust, Discoloration and Deformities
Do not use abnormal batteries.
Immediately stop using the battery if there are noticeable abnormalities, such as smell, heat, discoloration, or deformity. The battery may be defective and could generate heat, smoke, catch fire, or explode with continued use.

Charging Time
Stop charging if the charging process cannot be finished.
If the battery cannot finish the charging process within the specified time, halt the charging process. The battery may generate heat, smoke, catch fire, or explode.

Leakage -1
Do not use a leaking battery near open flame.
If the battery or liquid leaking from the battery has an irritating odor, the battery should be kept away from any open flame. If exposed to an open flame, the battery could ignite and explode.
Leakage -2
Do not touch a leaking battery.
If liquid leaking from the battery gets into your eyes or makes contact with your skin, immediately flush your eyes or skin with clean water and seek medical attention. If left untreated, it will cause significant eye or skin damage.
Transport
Pack the battery securely for transport.

To prevent short-circuit or damage during transport, securely pack the battery in a case or carton.

CAUTION

Exposure to Direct Sunlight
Do not use or leave the battery in a location exposed to excessive heat, such as in direct sunlight or in a car. Doing so could cause the battery to generate heat, smoke, catch fire, or explode. It may also cause the battery’s performance and life to deteriorate.
Use with other Equipment or Power
The battery pack has a protection circuit. Do not use the battery with other equipment or power as it may damage the protection circuit. If the protection circuit fails, the battery may generate heat, catch fire, smoke, or explode.

Charging Temperature Range
Only charge the battery between 5°C and 35°C. Charging outside of this temperature range may cause the battery to leak, generate heat, or result in serious damage. It may also cause the battery’s performance and life to deteriorate.

Charging Method
Read the user’s manual for proper product charging method.
First Time Usage
Please contact the supplier if the battery gives off an unusual odor, generates heat, or shows signs of rust prior to its initial use.
Flammable Materials
Do not charge or discharge near flammable materials. Doing so could result in fire.

Handling of Exposed Contacts or Conductors
If the battery pack has a system interface consisting of stripped lead wires or exposed contact plates, handle with due care. Temporarily insulate exposed contacts and conductors with an insulator such as polypropylene tape or polyvinylchloride tape. Failure to do so could result in an electrical shock; a short circuit causing the battery to generate heat, smoke, catch fire, or explode; or the combustion of other materials.
Recycling
When disposing of the battery, recycle it according to local rules and regulations.

