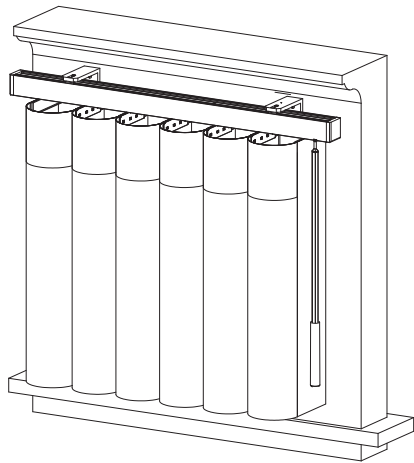


SmartDrape™
Installation Instructions
Wand Tilt



Recommended Tools

- Drill
- Measuring Tape
- Screwdriver
- Level
- Pencil
- Hexagon Socket



Check Component / Hardware:

Name	Drawing	Wall Mount	Ceiling Pocket Mount	Ceiling Mount
L Bracket Set	 With C clip+ nut + bolt	V		
1 7/8 Hex Head Screw	 For shade installation (L Bracket Set)	V		V
Shim (Optional)		V		
2 1/2" Hex Head Screw	 For shade installation (with Shim) L bracket	V		
C clip	 For shade installation/ Side by side shades	V (for side by side only)		V
Mushroom head Screw	 For shade installation (Pre-drilled headrail or C clip)		V	V

Hang Strip			V	
Flat Head Screw	 For hang strip installation		V	
SmartJoint (Optional)		V	V	V
Tilt Wand (If it is a double wands shade)		V	V	V

Hardware Quantity

SmartJoint™ Quantity

Single Shade	Side by Side Shades (Wand Tilt only)	SmartJoint™ Qty
Right/ Left Stack	LL &RR/ Both Traveling Center Stack	
R (Track Width)		
17 5/8" ≤ R ≤ 93 5/8"	15 5/8" ≤ R ≤ 91 7/8"	N/A
97 5/8" ≤ R ≤ 189 5/8"	95 7/8" ≤ R ≤ 188 1/8"	1
193 5/8" ≤ R ≤ 285 5/8"	192 1/8" ≤ R ≤ 284 3/8"	2

For Single Shade: Right/ Left Stack

R (Track Width)	Wall Mount		C clip installation for Ceiling Mount		Ceiling Pocket Mount / Direct mount using pre-drilled headrail for Ceiling Mount
	Aluminum Shim Qty/ L Bracket Qty/ C clip Qty	Screw Qty	C clip Qty	Screw Qty	Screw Qty
17 5/8" ≤ R ≤ 69 5/8"	2	4	2	2	2
73 5/8" ≤ R ≤ 93 5/8"	3	6	3	3	3
97 5/8" ≤ R ≤ 141 5/8"	4	8	4	4	4
145 5/8" ≤ R ≤ 197 5/8"	6	12	6	6	6
201 5/8" ≤ R ≤ 285 5/8"	9	18	9	9	9

For Side by Side

R (Track Width)	Wall Mount		C clip installation for Ceiling Mount		Ceiling Pocket Mount / Direct mount using pre-drilled headrail for Ceiling Mount
	Aluminum Shim Qty/ L Bracket Qty/ C clip Qty	Screw Qty	C clip Qty*	Screw Qty	Screw Qty
15 5/8" ≤ R ≤ 71 5/8"	2	4	2	2	2
75 5/8" ≤ R ≤ 91 7/8"	3	6	3	3	3
95 7/8" ≤ R ≤ 139 7/8"	4	8	4	4	4
144 1/8" ≤ R ≤ 196 1/8"	6	12	6	6	6
200 1/8" ≤ R ≤ 284 3/8"	9	18	9	9	9

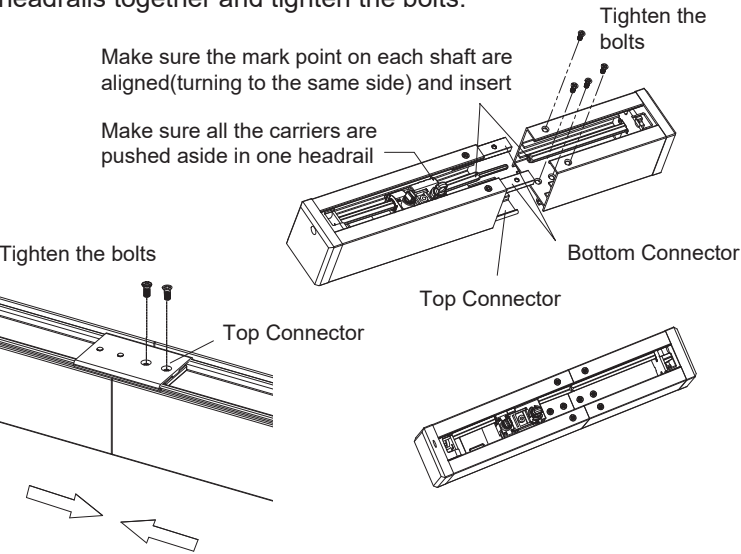
* An extra 1 C clip is pre-attached to the headrail.

SmartJoint

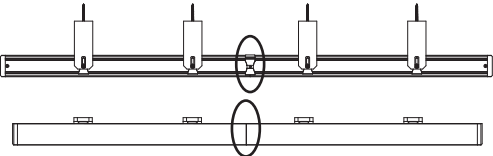
Joint the headrails when:

- Left/ Right Stack: Headrail Width ≥ 97 5/8"
- Side by side: Headrail Width ≥ 95 7/8"

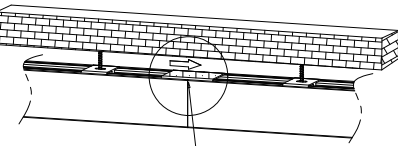
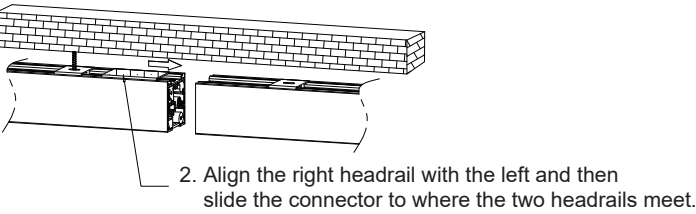
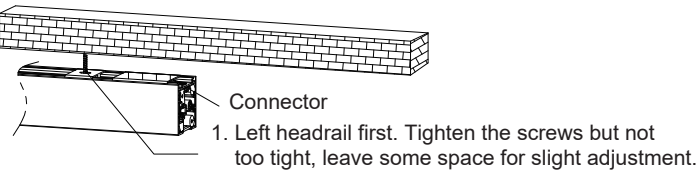
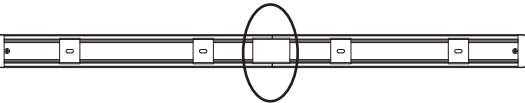
Make sure the mark points on each shaft are aligned (turning to the same side) and insert. Joint the two headrails together and tighten the bolts.



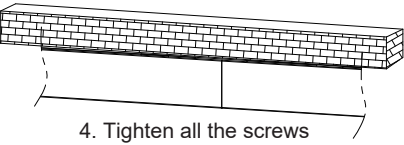
For side by side shades, a C clip is provided as connector. Insert the C clip and slide it to where the two headrails meet.



You may slide away the C clip inserted to the headrail when tightening screws from pre-drilled holes as below drawings.



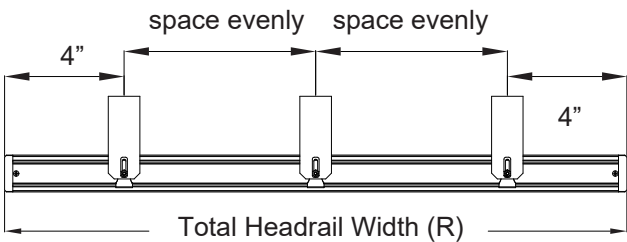
3. When the connector is at the correct position, tighten the screws for the right headrail.



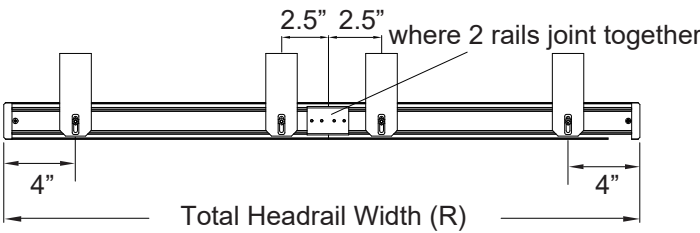
Installation

Mark the bracket location on the mounting surface. Make sure 4" distance from the end of headrail end cap for mounting brackets/ C clip on the left and right sides. For easy installation and proper operation, use a level to ensure all brackets are in alignment.

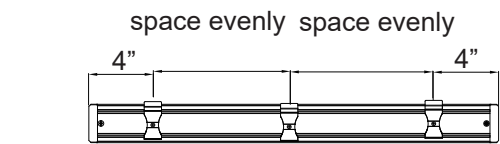
- L bracket installation without SmartJoint



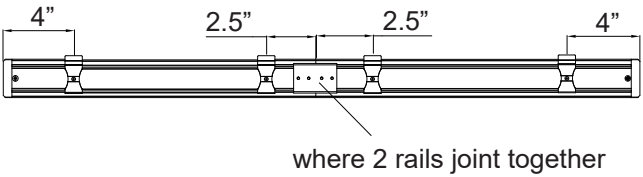
- L bracket installation with SmartJoint



- C clip installation without SmartJoint

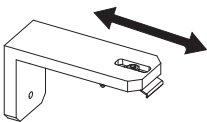


- C clip installation with SmartJoint

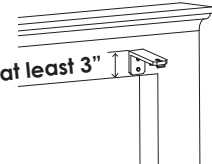


Wall Mount

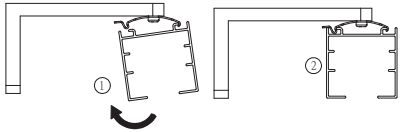
Adjust C clip to desired position on L Bracket then tighten the bolt and nut.



Make sure 3" distance from the top of the L bracket to the edge of the window frame.



Attach the headrail to the C clip directly.

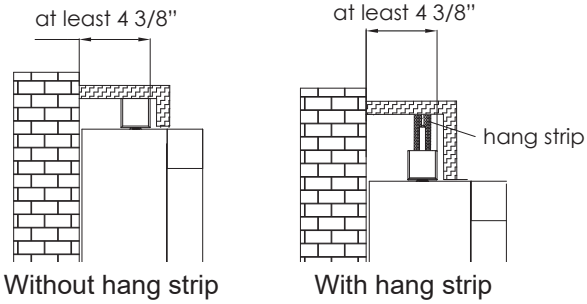


Installation Video for Wall Mount.



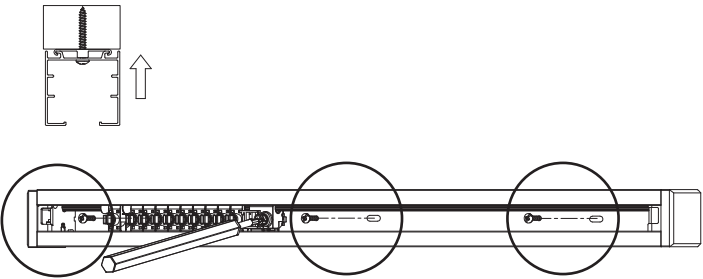
Ceiling Pocket Mount

Make sure at least 4 3/8" distance from wall to the edge of headrail.



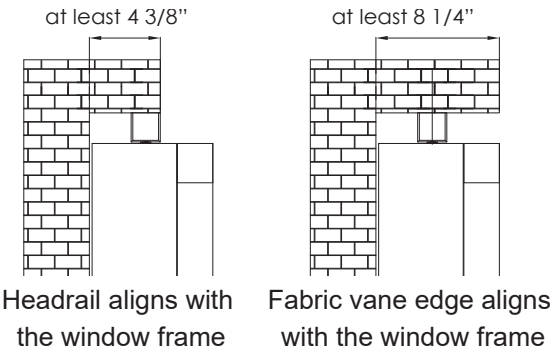
Direct mount using pre-drilled headrail

The headrail is pre-drilled with holes. You may top-mount the headrail directly. Tighten the screws from the pre-drilled holes.

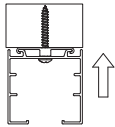


Ceiling Mount

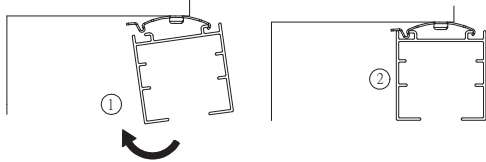
Make sure at least 4 3/8" distance from wall to the edge of headrail.



Direct mount using pre-drilled headrail
The headrail is pre-drilled with holes. You may top-mount the headrail directly. Tighten the screws from the pre-drilled holes.

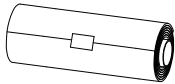


C Clip installation
Install C clip to window frame and attach the headrail to the C clip directly.



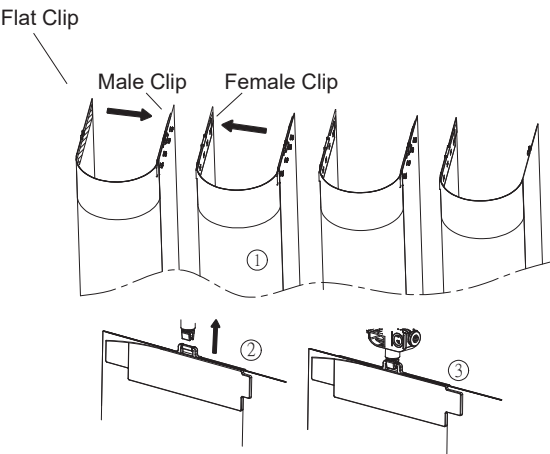
Install the fabric vanes

Unroll the fabric. Take out the fabric vanes one by one from the top of the unrolled fabric. If there are multiple rolls, start in alphabetical sequence: roll A, B, C, D...



Attach fabric vane from the left with first vane on the top (from the top of the unrolled fabric).

Fasten the fabric vanes to one another by clasping the male and female clips together. Then push the clips up to the carriers.

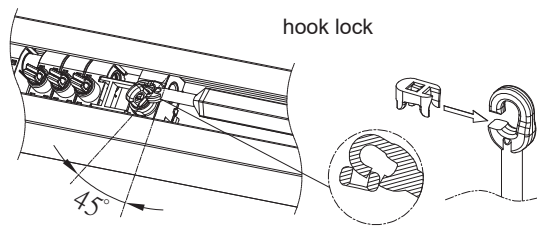


Repeat the above steps until all fabric vanes are attached.

Assemble tilt wand (if there are double wands)

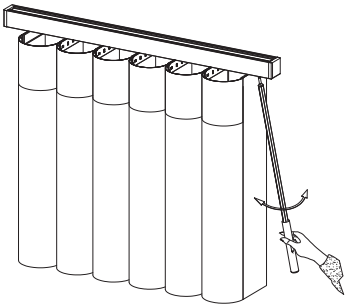
A wand will be preassembled to the headrail. The other one comes along with package.

To assemble the tilt wand, make the wand parallel to the headrail then install the wand on the tilter at 45-degree angle. Then insert the hook lock to prevent the wand from falling out.

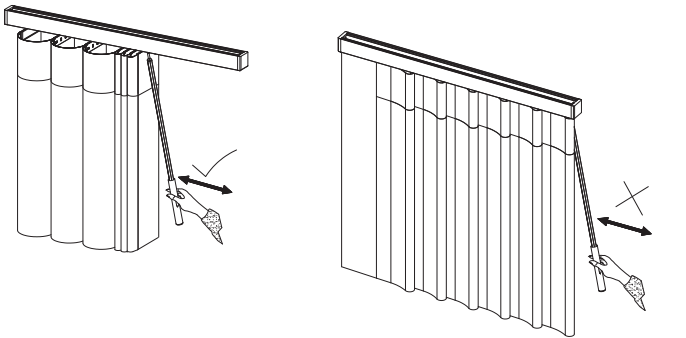


Operate your shade

To operate, rotate the wand to let in the light or to keep privacy.

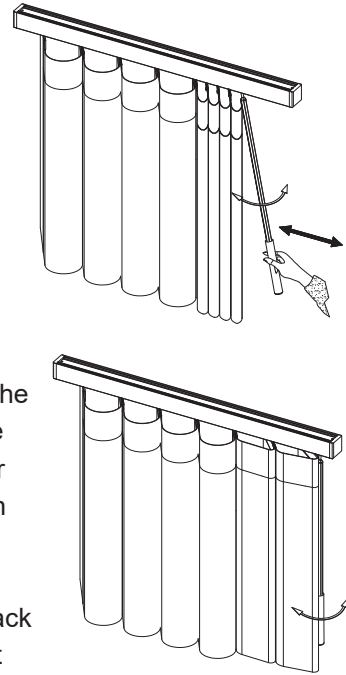


Make sure the fabric vanes are in open position when stacking the shade open or closed. (Do not rotate the wand while stacking the shade open or close).



Please note that the fabrics cannot close entirely when some vanes are stacked.

If the fabric vanes don't move simultaneously when rotating the wand, please keep rotating the wand to one end until you hear the "click-click" sound and then rotate the opposite direction to another end until you hear the click sound again. See if it's back to normal. If not, please repeat above steps few times.

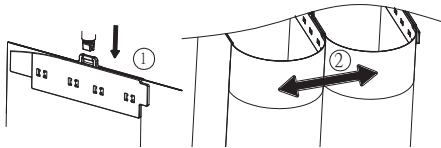


Removal

Remove the fabric vanes first then the headrail.

Remove the fabric vanes

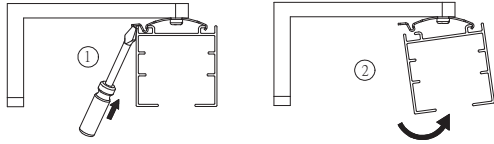
Pull down the fabric clips from the carriers; then detach the male and female clips holding the fabric together.



Remove the headrail

- Wall Mount
- C clip installation for Ceiling Mount

Insert flat screwdriver between the C clip and the headrail at the back. Tilt screwdriver forward until headrail loosens. Remove headrail from C clip.



Remove the headrail

- Ceiling Pocket Mount
- Direct mount using pre-drilled headrail for Ceiling Mount

Loosen the screws and then remove the headrail.

Maintenance

- Hand wash

1. Remove fabric vanes from the carrier (Do not disattach the fabric clips from the fabric vane)
2. Fold the fabric vane carefully (do not fold it hard) and put it in a container filled with water and laundry detergent.
3. Soak the fabric vane in water with laundry detergent for about 30 minutes and then rub the stain gently.
4. Soak the fabric in clean water for about 5 minutes and then clean out all the bubbles.
5. Shake the fabric vane for few times and then stand still until no dropping water. (Please be careful not to crease or wrinkle the fabric during this time).
6. Hang the fabric vanes back and keep them in open position (keep them in U shape). Leave them open to dry naturally.
7. If it's wrinkled after the fabrics are dry, steam it to remove the wrinkles. It's recommended that you save the paper tube that came with the fabric roll and place it behind the fabric vane for support while steaming. Fabric vane can be steamed set at "Nylon" (around 200-220°F).

- Machine wash

1. Remove fabric vanes from the carrier (Do not disattach the fabric clips from the fabric vane)
2. Roll each fabric vane from bottom to the top and then put one roll of fabric in each laundry bag.
3. Set to soft/ gentle mode for wash machine. Use cold water with laundry detergent. Do not spin.
4. Take out the fabric roll from the laundry bag. Shake the fabric vane for few times and then stand still until no dropping water. (Please be careful not to crease or wrinkle the fabric during this time).
5. Hang the fabric vanes back and keep them in open position (keep them in U shape). Leave them open to dry naturally.
6. If it's wrinkled after the fabrics are dry, steam it to remove the wrinkles. It's recommended that you save the paper tube that came with the fabric roll and place it behind the fabric vane for support while steaming. Fabric vane can be steamed set at "Nylon" (around 200-220°F).

No.	Item	Specification
1	Power Source	MSD-A: AC Adapter MSD-B: Li-ion Battery Pack
2	Input	MSD-A: 100~240V, 50/60HZ (AC Adapter) MSD-B: 5~20V, 2A Max (Li-ion Battery Pack)
3	Output	MSD-A: 15V, 3A Max (AC Adapter) MSD-B: 14.4V, 3A Max. (Li-ion Battery Pack)
4	Radio type	Proprietary 2.4G RF
5	Motor type	Brushed DC motor
6	Charging type	USB Type C charger
7	Charging Time	* 3~5 hours: charging with fast charger that comply with PD3.0 and DP&DM fast charging protocols, with an output voltage of 5V~20V * 5~9 hours: using normal 5V2A charger and charging cable (cable length: 3.25') * 9.5~12.5 hours: using the charging kit ordered with the shade.
8	Charging Temperature	0°C/32°F ~ 45°C/113°F
9	Operating Temperature	0°C/32°F ~ 45°C/113°F
10	Relative Humidity	0% ~ 90% (Non-condensing)
11	Ave. Sound Level @1m	≤40 dB

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,

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.

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)

This device complies with ICESD'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.

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.

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

- Drill
- Measuring Tape
- Screwdriver
- Level
- Pencil
- Hexagon Socket

Name	Drawing	Wall Mount	Ceiling Pocket Mount	Ceiling Mount
L Bracket Set	 With C clip+ nut + bolt	V		
L Bracket Set (only use at the motor end)	 With C clip+ nut + bolt	V		
1 7/8 Hex Head Screw	 For shade installation (L Bracket Set)	V		V
Shim (Optional)		V		
2 1/2" Hex Head Screw	 For shade installation (with Shim) L bracket	V		
C clip	 For shade installation			V
Mushroom head Screw	 For shade installation (Pre-drilled headrail or C clip)		V	V
Hang Strip			V	
Flat Head Screw	 For hang strip installation		V	
SmartJoint		V	V	V
Remote Control	 or	Optional		

Hardware Quantity

SmartJoint™ Quantity

Single Shade	Single Shade (Motorized only)	SmartJoint™ Qty
Right/ Left Stack	Center Opening	
R (Track Width)		
17 5/8" ≤ R ≤ 93 5/8"	30" ≤ R ≤ 94 1/4"	N/A
97 5/8" ≤ R ≤ 189 5/8"	102 1/4" ≤ R ≤ 182 1/2"	1 per headrail
193 5/8" ≤ R ≤ 285 5/8"	190 1/2" ≤ R ≤ 286 3/4"	2 per headrail

For Single Shade: Right/ Left Stack

R (Track Width)	Wall Mount			C clip installation for Ceiling Mount		Ceiling Pocket Mount / Direct mount using pre-drilled headrail for Ceiling Mount
	Aluminum Shim Qty/ L Bracket Qty/ C clip Qty	C clip Qty	Screw Qty	C clip Qty	Screw Qty	Screw Qty
17 5/8" ≤ R ≤ 69 5/8"	2	3	4	3	3	2
73 5/8" ≤ R ≤ 93 5/8"	3	4	6	4	4	3
97 5/8" ≤ R ≤ 141 5/8"	4	5	8	5	5	4
145 5/8" ≤ R ≤ 197 5/8"	6	7	12	7	7	6
201 5/8" ≤ R ≤ 285 5/8"	9	10	18	10	10	9

For Single Shade: Center Opening

R (Track Width)	Wall Mount			C clip installation for Ceiling Mount		Ceiling Pocket Mount / Direct mount using pre-drilled headrail for Ceiling Mount
	Aluminum Shim Qty/ L Bracket Qty/ C clip Qty	C clip Qty	Screw Qty	C clip Qty	Screw Qty	Screw Qty
30" ≤ R ≤ 70"	2	3	4	3	3	2
78" ≤ R ≤ 94 1/4"	3	4	6	4	4	3
102 1/4" ≤ R ≤ 142 1/4"	4	5	8	5	5	4
150 1/2" ≤ R ≤ 190 1/2"	6	7	12	7	7	6
198 1/2" ≤ R ≤ 286 3/4"	9	10	18	10	10	9

SmartJoint

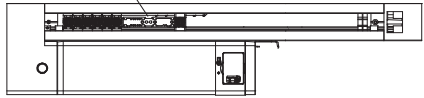
Please **DO NOT remove the motor or the battery while assembling.

Joint the headrails when:

- Left/ Right Stack: Headrail Width ≥ 97 5/8"
- Side by side: Center Opening: Headrail Width ≥ 102 1/4"

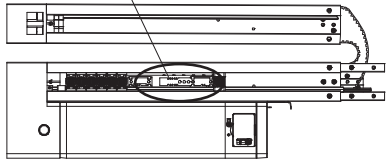
Left/ Right Stack for MSD-A (with AC adaptor plug-in)

The iron sheet and the belt connector are connected



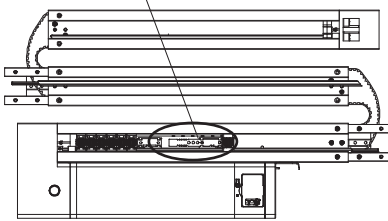
SmartJoint:0

The iron sheet and the belt connector are NOT connected



SmartJoint:1

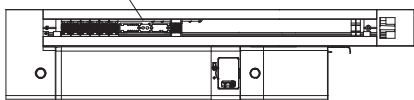
The iron sheet and the belt connector are NOT connected



SmartJoint:2

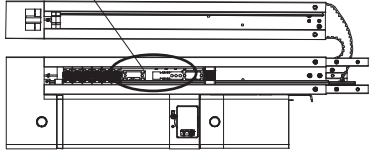
Left/ Right Stack for MSD-B (with rechargeable battery)

The iron sheet and the belt connector are connected



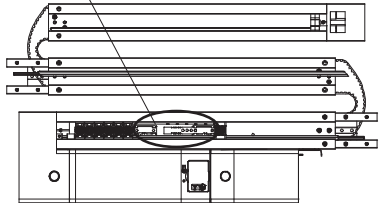
SmartJoint:0

The iron sheet and the belt connector are NOT connected



SmartJoint:1

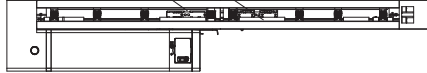
The iron sheet and the belt connector are NOT connected



SmartJoint:2

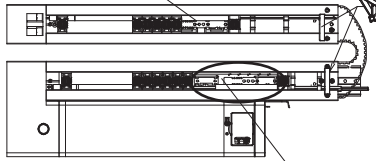
Center Opening for MSD-A (with AC adaptor plug-in)

The iron sheet and the belt connector are connected



SmartJoint:0

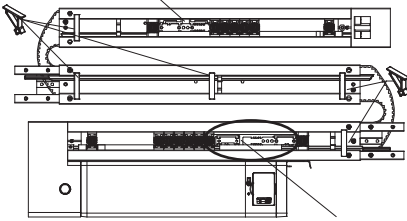
The iron sheet and the belt connector are connected



SmartJoint:1

The iron sheet and the belt connector are NOT connected

The iron sheet and the belt connector are connected

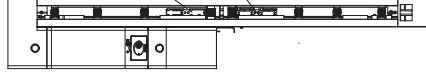


SmartJoint:2

The iron sheet and the belt connector are NOT connected

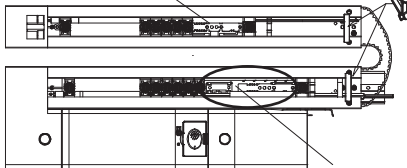
Center Opening for MSD-B (with rechargeable battery)

The iron sheet and the belt connector are connected



SmartJoint:0

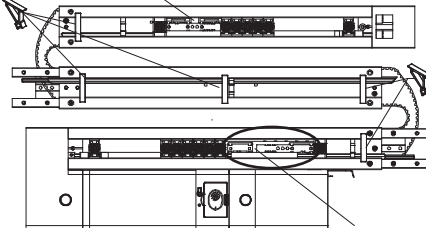
The iron sheet and the belt connector are connected



SmartJoint:1

The iron sheet and the belt connector are NOT connected

The iron sheet and the belt connector are connected

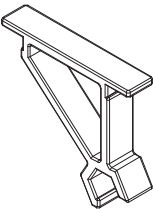


SmartJoint:2

The iron sheet and the belt connector are NOT connected

Rod fix

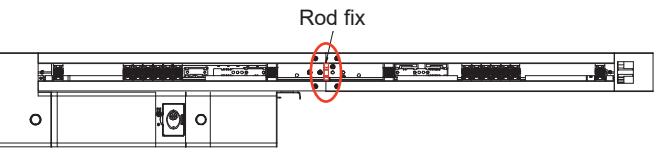
Rod fixes are added for Center Opening Shade to make sure the rods do not turn into different angles while transportation or assembling. Please remember to take these rod fixes off when finish SmartJoint assembling.



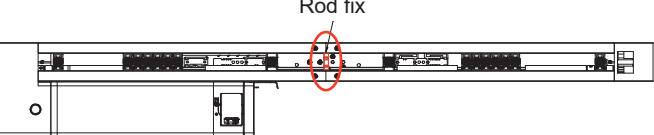
Note: For SmartJoint Center Opening, please make sure that the middle rod support stays in the middle. See below diagrams.

Only 1 rod fix: Make sure it stays in the middle

MSD-A (with AC adaptor plug-in)

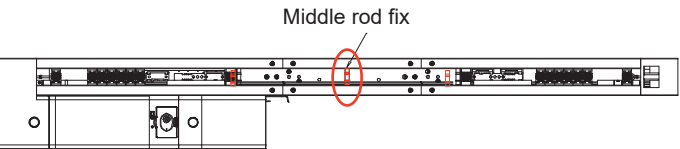
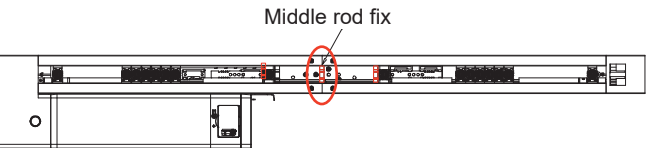


MSD-B (with rechargeable battery)

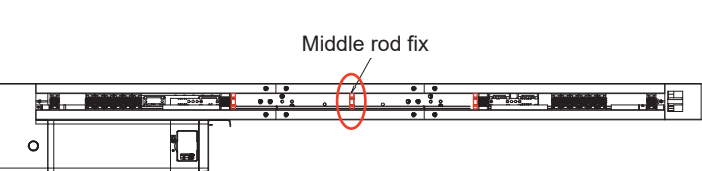
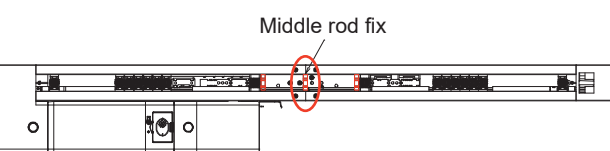


With 3 rod fixes: Make sure the middle one stays in the very middle place of the whole headrail.

MSD-A (with AC adaptor plug-in)

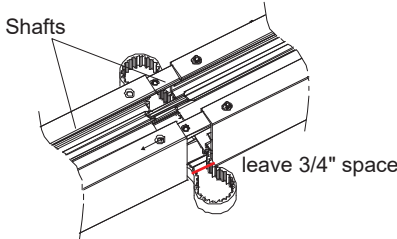


MSD-B (with rechargeable battery)

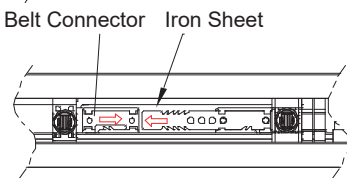
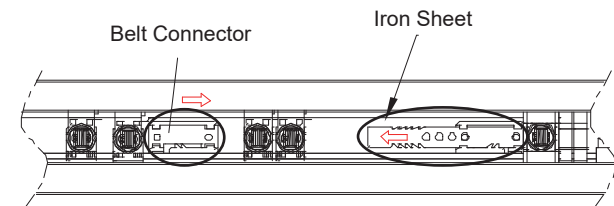


Assembly for spliced headrails with SmartJoint:

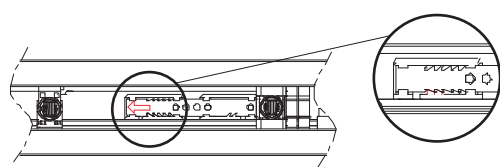
1. Aligned the shafts, and leave 3/4" space to avoid belt being clamped, then pull out the belt.



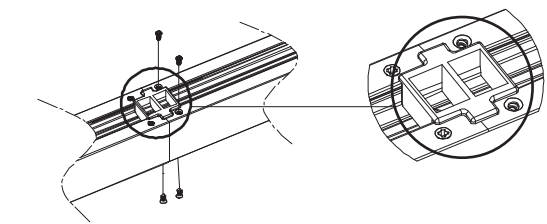
2. Move the belt connector toward the iron sheet. While moving, push the carrier links aside to prevent the belt connector getting stuck by the carrier links. Insert the iron sheet into the belt connector, and the depth at least 2 teeth.



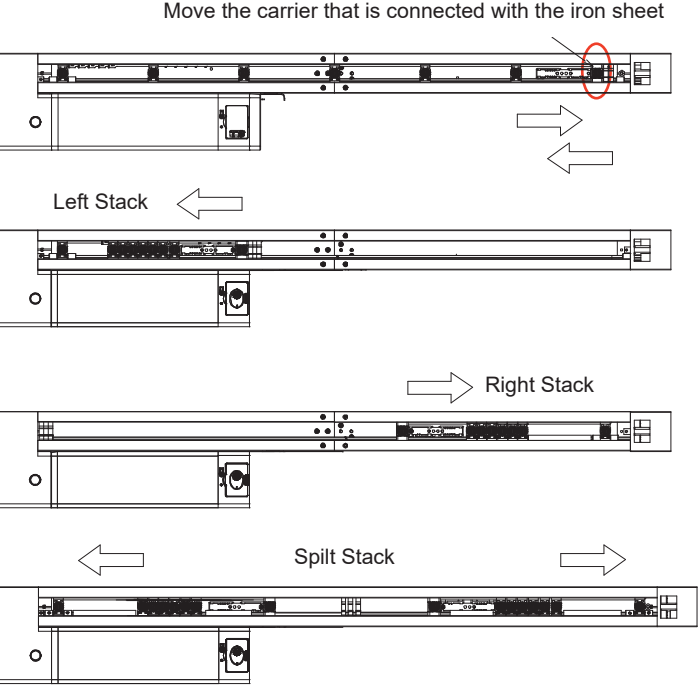
Insert the iron sheet into the belt connector



3. Place the small piece of jig between to make sure the headrails are aligned and then tighten the bolts. Once the bolts are tighten, remove the small piece of jig and turn to the other side to tighten the remaining bolts.

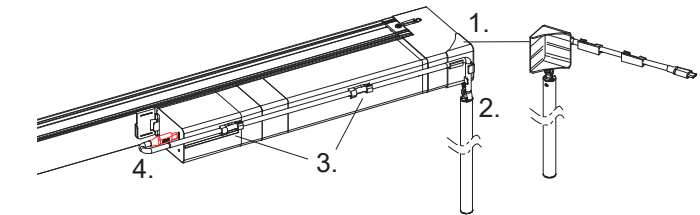


4. After assembling the headrail, please use hand to move the carrier that connected with the iron sheet back and forth to see if all carriers move smoothly. And then stack all the carriers.



Charging Extension Wand for MSD-B (with rechargeable battery) (Optional)

1. Fix the wand base on the back corner of the main gearbox.
2. Hook the wand on the wand base.
3. Peel off adhesive tape on back of cable holders and stick them on back of head rail and fix USB type C cable to it.
4. Well connect USB type C cable to the battery.

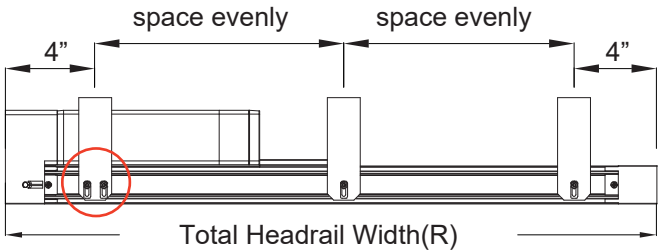


After the motor powered on, press / button on the remote control to see if the carriers inside the headrail work properly. If so, please press and then proceed with the following installation steps.

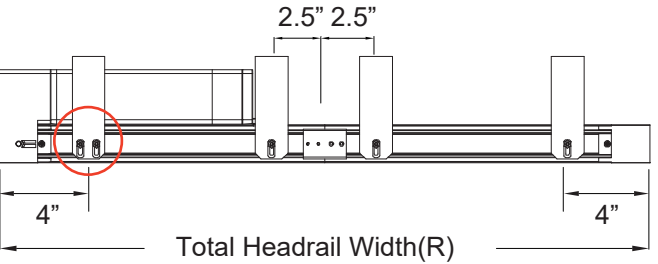
Installation

Mark the bracket location on the mounting surface. Make sure 4" distance from the end of master gearbox/ sub-gearbox for mounting brackets/ C clip on the left and right sides. Use two slots 2-slot L bracket/ 2 C clips at the motor end. For easy installation and proper operation, use a level to ensure all brackets are in alignment. Do not remove the motor or the battery while assembling.

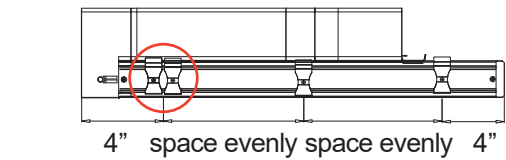
- L bracket installation without SmartJoint



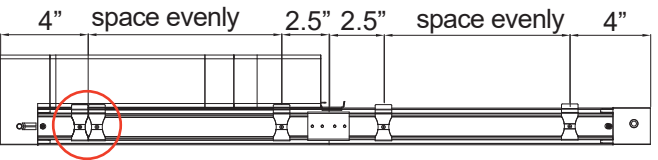
- L bracket installation with SmartJoint



- C clip installation without SmartJoint



- C clip installation with SmartJoint

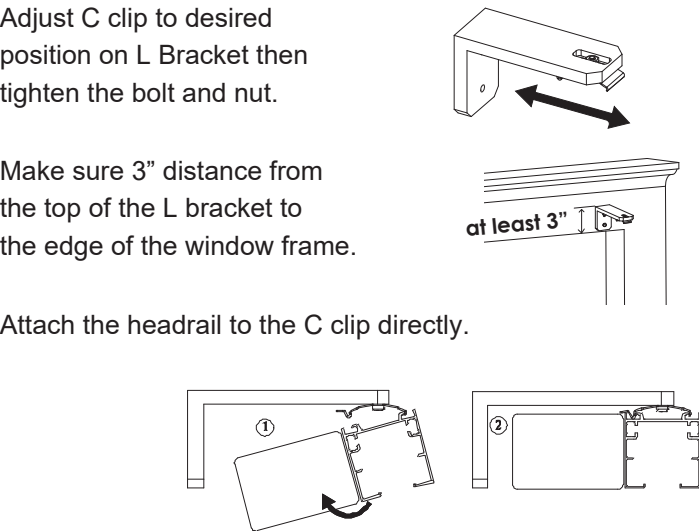


Wall Mount

Adjust C clip to desired position on L Bracket then tighten the bolt and nut.

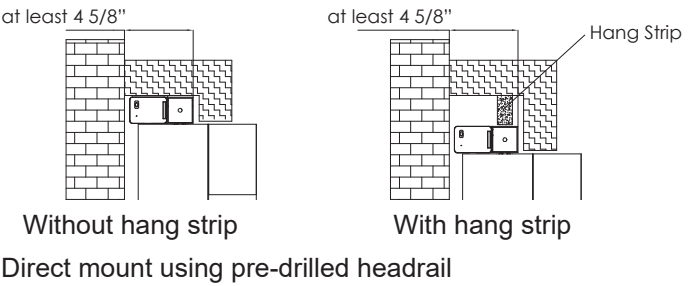
Make sure 3" distance from the top of the L bracket to the edge of the window frame.

Attach the headrail to the C clip directly.



Ceiling Pocket Mount

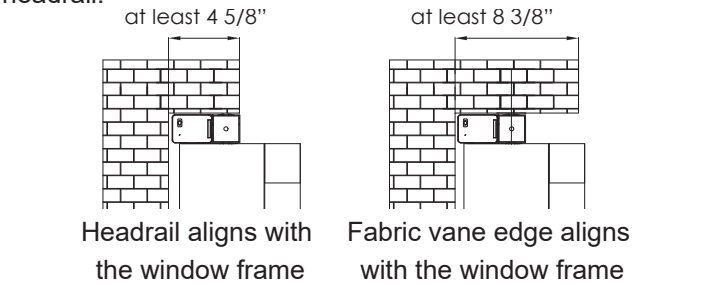
Make sure at least 4 5/8" distance from the edge of head-rail to the wall.



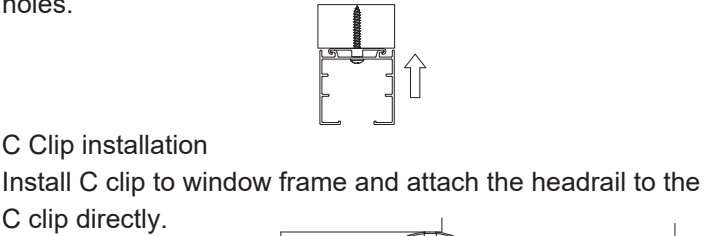
The headrail is pre-drilled with holes. You may top-mount the headrail directly. Tighten the screws from the pre-drilled holes.

Ceiling Mount

Make sure at least 4 5/8" distance from wall to the edge of headrail.



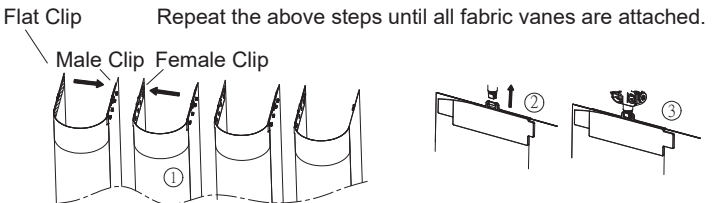
Direct mount using predrilled headrail. The headrail is pre-drilled with holes. You may top-mount the headrail directly. Tighten the screws from the pre-drilled holes.



Install the fabric vanes

Unroll the fabric. Take out the fabric vanes one by one from the top of the unrolled fabric. If there are multiple rolls, start in alphabetical sequence: roll A, B, C, D...

Attach fabric vane from the left with first vane on the top (from the top of the unrolled fabric). Fasten the fabric vanes to one another by clasping the male and female clips together. Then push the clips up to the carriers as below drawings.



Operate your shade

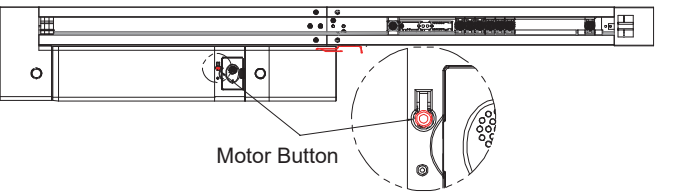
Power on/ Power off:

MSD-A (with AC plug-in)

Power On: Connect the AC adapter to the AC power and the motor is automatically powered on without pressing any button.
Power Off: Take off the AC Adapter or press the button on the motor for 3 seconds (red light will flash 4 times) to power off the motor.

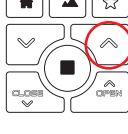
MSD-B (with rechargeable battery):

Power On: Press the button on the motor for 3 seconds. Blue light flashes 4 times, and buzzer sounds twice.
Power off: Press the button on the motor for 3 seconds. Red light flashes 4 times.



Remote Button Definitions

Function	Operate	Smart Dial	Basic Remote
Stop	Press		
Fully-Opened (Fabric Stack)	Press		
Fully-Closed (Fabric Expand)	Press		
Rotate the vanes toward left	Rotate clockwise		N/A
Rotate the vanes toward right	Rotate Counter-clockwise		N/A

Rotate the vanes toward left 15 degree once	Short Press Twice	N/A	
Rotate fabric vanes toward left to the end	Long Press Twice	N/A	
Rotate the vanes toward right 15 degree once	Short Press Twice	N/A	
Rotate fabric vanes toward right to the end	Long Press Twice	N/A	
Fully-Opened (Best View)	Press		
Fully-Closed (Best Privacy)	Press		
My favorite	Press		

Charge the Shade

Charging Motorized SmartDrape with rechargeable battery (MSD-B) via below methods

- 1. with the charging kit that ordered with the shade.
- 2. with a USB-C charger that complies with PD3.0 and DP&DM fast charging protocols, with an output voltage of 5V~20V. It will automatically adjust the charging current to adapt to chargers with different load capacities.
- 3. with a USB-C charger without fast charging. It will adjust the charging current based on the input voltage.

When the charging power exceeds the set maximum input power limit, the charging current will be reduced, limiting the maximum input power to 20W±2W.

Battery LED indicator:

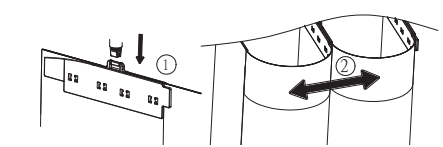
- Green light on: Charging
- Green light off: Fully charged.

Removal

Remove the fabric vanes first then the headrail.

Remove the fabric vanes

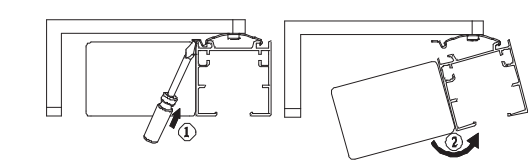
Pull down the fabric clips from the carriers; then detach the male and female clips holding the fabric together.



Remove the headrail

- Wall Mount
- C Clip installation for Ceiling Mount

Insert flat screwdriver between the C clip and the headrail at the back. Tilt screwdriver forward until headrail loosens. Remove headrail from C clip.



Remove the headrail

- Ceiling Pocket Mount
- Direct mount using pre-drilled headrail for Ceiling Mount

Loosen the screws and then remove the headrail.

Trouble Shooting

Problem	Possible Cause	Description
No reaction upon operation	Low battery of Remote	Please check if the remote group lights work normally, or replace new batteries.
	Low battery of Shade with Battery Motor	Please charge the shade with charging kit that ordered with the shade or with your own USB-C charger.
	Overtime Protection	The shade will be under overtime protection when five minutes of non-stop continuous operation is under the same command. This status will be lifted after the motor stops for 1 sec.
	The shade is not paired with the Remote	Press 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.
	The limits are not fully setup	Press  /  on remote to operate the shade and check if the shade works normally. If not, the shade limits might not be fully set up. Please refer to “remote control manual” to set up shade limits again.

No reaction upon operation	Other Problems	Re-power ON : Press the shade button for 3 seconds to power ON/OFF the shade. 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.
	Other Problems	Please contact your customer service for further assistance.

Safety Instructions for Lithium Batteries

⚠ 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, 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.

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 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.

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

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 0°C and 45°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.