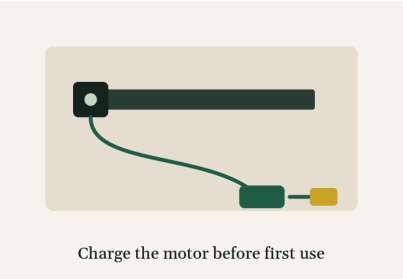
Motor Pairing & Programming Guide

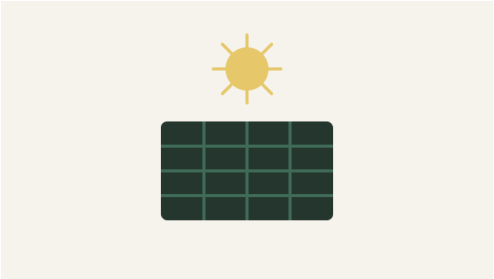
Charging, pairing, travel limits and smart-home setup for your motorized shade.

Your shade is usually paired to the remote before it ships, based on your order. This guide covers everyday setup: charging, checking the remote, setting how far the shade travels, and connecting a Bluetooth app, Zigbee or Matter hub when you have one. Button sequences can differ from one motor to another, so use the quick card included with your motor for the exact presses.

Charging



Charge the motor before first use



- Use only the charging lead that came with your motor. Many motors charge through a magnetic or barrel connector on the motor end of the rail.
- Charge until the motor or charger shows that it is full. If you are not sure what the light means, see the quick card included with your motor.
- A first full charge before regular use is a good habit. After that, charge when the shade slows or the motor tells you the battery is low.
- If you ordered a solar panel, mount it where it gets daylight and connect it as shown on the card with your motor. A solar panel tops up the battery; it does not replace the first charge.
- Keep the connector dry and do not pinch the lead in the window.

Pairing the shade to the remote

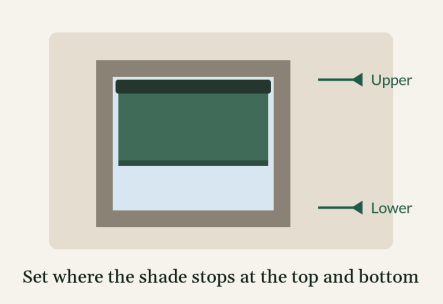
If you ordered the remote with the shade, pairing is usually already done. You only need to pair again if you add a shade, replace a remote, or the shade no longer responds.

1. Put a fresh charge on the motor and wake the remote (press a button so the light comes on).
2. Choose an unused channel on a 16-channel remote, or select the shade on a Lightwirl remote, as described in the Remote Guide.
3. Put the motor into pairing mode using the steps on the quick card included with your motor. This is often a short press on a button on the motor itself, but it is not the same on every model.
4. Confirm on the remote as the card describes. When pairing has worked, the shade will usually jog once.
5. If pairing fails, wait a minute and try once more. If it still fails, email support@homesmartshades.com.

Do not guess a long button sequence if it is not on your card. The wrong combination can clear a limit or pair the shade to the wrong channel.

Setting the upper and lower limits

Limits tell the motor where to stop when the shade is fully open and fully closed. Setting them carefully protects the fabric and the window.



Set where the shade stops at the top and bottom

1. Check that the shade is paired and that up moves the fabric up. If the direction is wrong, reverse it first (see below), then set the limits.
2. Move the shade to the fully open position you want. The fabric should not roll up too far or rub the valance or rail.
3. Save that position as the upper limit, using the method on the quick card included with your motor.
4. Move the shade to the fully closed position you want. For an inside mount, the hem should not scrape the sill. For an outside mount, it should cover the opening without stacking on the handle or trim.
5. Save that position as the lower limit, then run the shade all the way up and down once to confirm both stops.

If a limit is lost after a power drain or a motor reset, set both again. If you cannot find the save steps on your card, contact support@homesmartshades.com rather than holding buttons at random.

Reversing direction

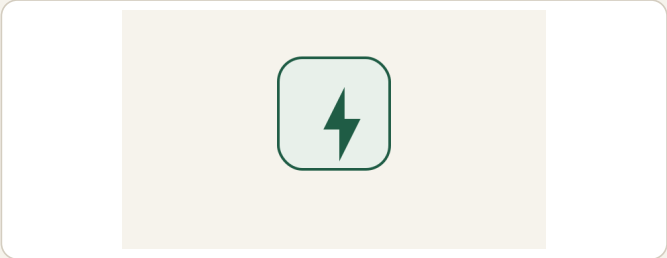
If the up control sends the shade down, the motor direction needs to be reversed. The method is on the quick card included with your motor. After you reverse direction, check the upper and lower limits again, because some motors clear them when the direction changes.

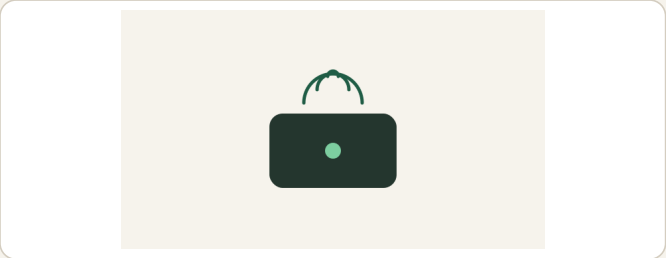
Adding a shade to a remote

- A 16-channel remote can run one shade (or one group) on each channel, and can also move several shades together. See the Remote Guide.
- Charge the new shade, pick a free channel, and pair it using the card that came with that motor.
- Set the limits on the new shade before you use a group or all-channel command, so every shade stops where it should.
- If you want help adding a shade to a remote you already own, email support@homesmartshades.com and tell us which remote you have.

Bluetooth app, Zigbee and Matter

Smart-home options depend on the motor and any hub or bridge you ordered. The notes below are general. Use the names and steps printed on the card that came with your motor, hub or bridge.





Bluetooth motor and app

- A Bluetooth motor talks to a phone app when you are nearby. Download the app named on the card with your motor, then add the shade while it is powered and close to the phone.
- From the app you can usually open, close and, on some motors, set schedules.
- A Bluetooth bridge, if you ordered one, connects those shades to your Wi-Fi so you can use the app away from home and, where supported, Alexa or Google Assistant. Plug the bridge in, follow its card, and add it in the same app.

Zigbee and Matter hub

- A Zigbee motor works with a compatible hub. A Matter hub can bring shades into Apple Home, Google Home, Alexa or SmartThings, depending on what you use.
- Plug the hub into power and a network as the card describes, add it in your smart-home app, then add or link the shade.
- Once the shade is in your app, you can use voice commands and automations that the app allows. We do not set those up for you, but we can help if the shade does not appear during pairing.

App names, hub lights and pairing steps vary. If a step is not on the card included with your motor or hub, email support@homesmartshades.com rather than following a generic video that may not match your model.