Cellaris™ Motors

CDC24E Standard · CDC24E-TD Day/Night (Duo) · Programming

⚠ WARNING

STRANGULATION HAZARD — Young children can be strangled by cords. Immediately remove this product if a cord longer than 8-11/16″ [22 cm] or a loop larger than 17-5/16″ [44 cm] around becomes accessible.

Keep cords, chains and loops out of children's reach. Move cribs, beds and furniture away from window coverings.

01 Features

- ✓ Programmed at the factory
- ✓ Built-in radio receiver
- ✓ Electronic limits
- ✓ Preferred position
- ✓ Reversible rotation
- ✓ Stops if blocked
- ✓ Powered by the LC19-26 battery pack
- ✓ Day/Night: one motor, two rails
- ✓ Duo remote with two key columns

02 Safety

Motor and shade

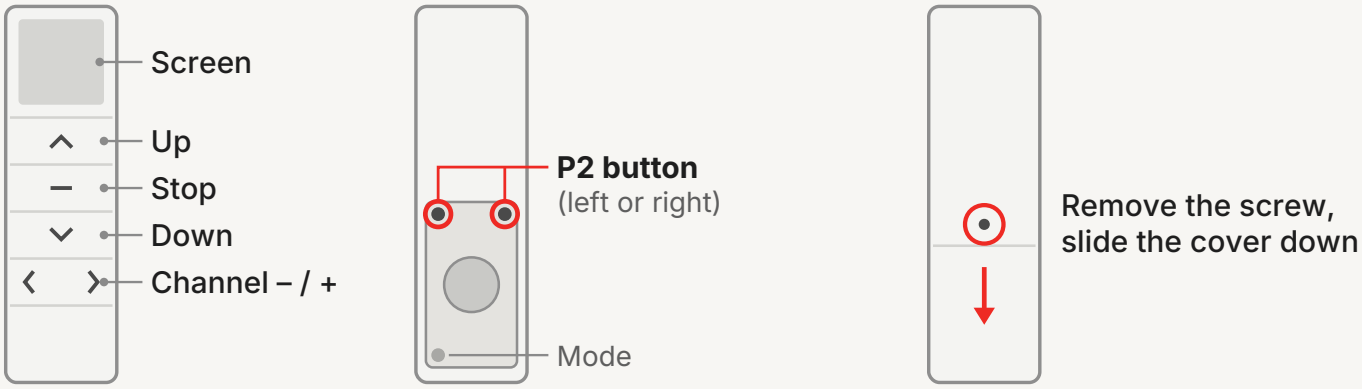
- For indoor use only. Keep the motor away from moisture and extreme temperatures.
- Do not drill into, open or repair the motor. Repairs must be done by an authorized professional.
- Do not cut the antenna, and keep it clear of metal objects.
- Do not let children play with the shade. Keep people clear until the shade stops.

Power

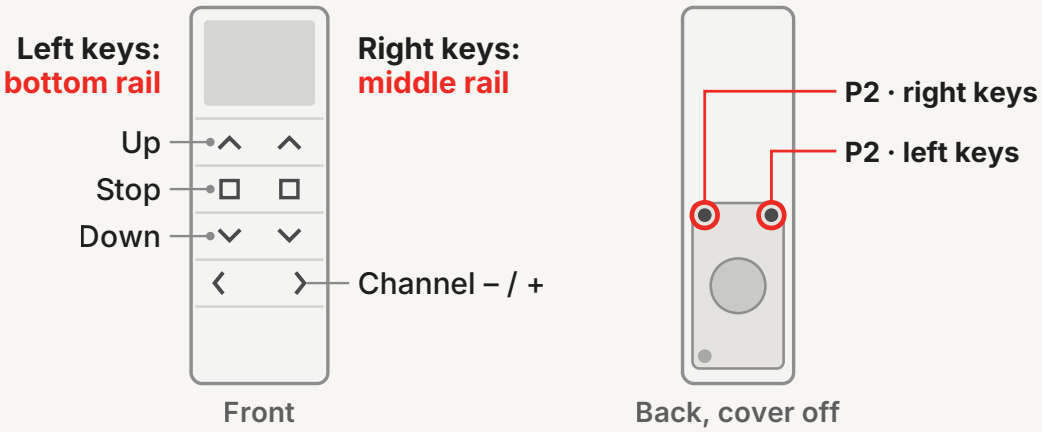
- Power the motor only from the CBM LC19-26 battery pack or a 12 V DC transformer.
- Charge the battery pack with a 5 V, 2 A USB-C charger. Follow the battery safety rules in the LC19-26 instructions.
- The battery plug does not lock. Push it fully into the motor cable connector.

03 Product overview

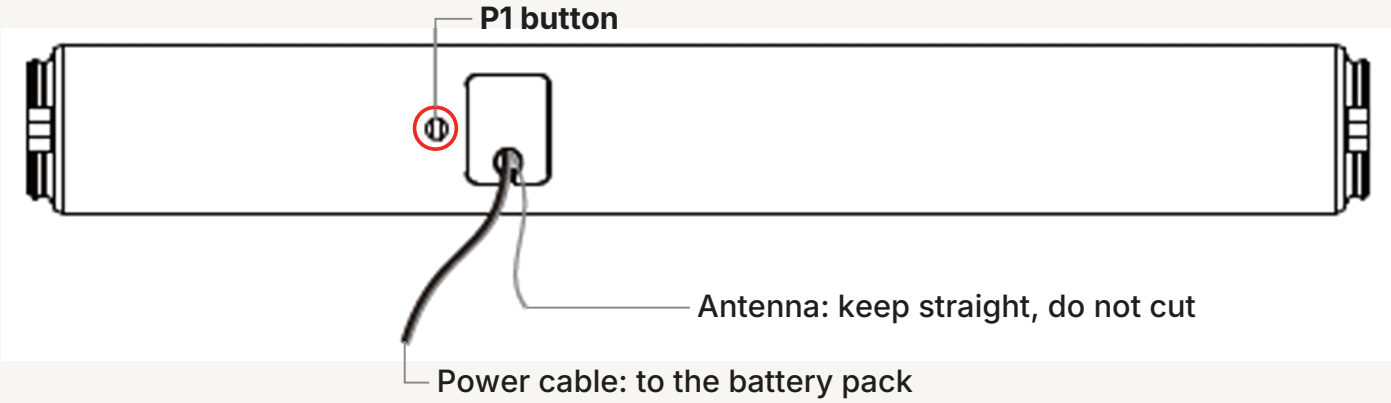
Remote: Standard shades (CBM 15-channel)



Remote: Day/Night (Duo) shades (CBT15H-TD)



Motor

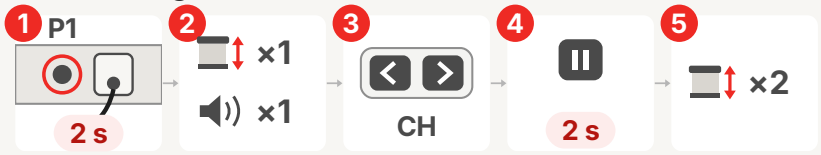


Same layout on both motors. The CDC24E-TD is longer and drives two rails.

04 Setup: Standard shades (CDC24E)

Cellaris™ motorized shades are programmed at the factory. Use these steps to pair a remote again or to reset the limits. The motor confirms each step with a jog (a brief back-and-forth movement).

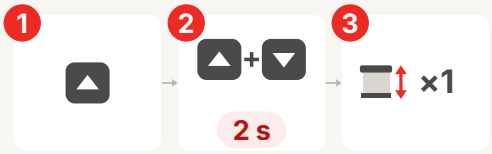
4.1 Pairing the remote



1. Press **P1** on the motor for 2 s
2. Motor beeps and jogs once
3. Select the shade's channel with Channel – / +
4. Press ⏸ for 2 s
5. Motor jogs twice

✓ Pairing complete

4.2 Reversing the rotation direction

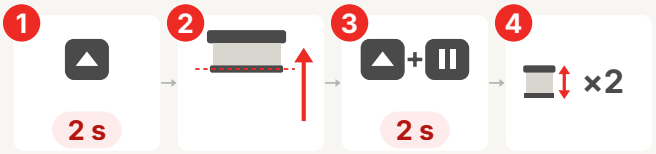


1. Press ▲ and check which way the shade moves
2. If it moves down, press ▲ + ▼ together for 2 s
3. Motor jogs once

✓ Direction reversed

Do this before you set the limits. Once they are set, hold P1 on the motor until it jogs 3 times (about 10 s).

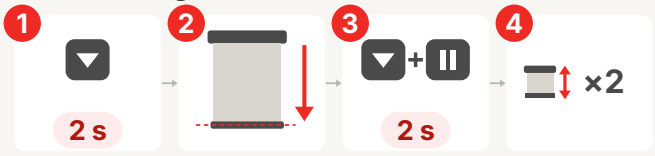
4.3 Setting the upper limit



1. Hold ▲ for 2 s: the bottom rail starts to rise
2. Press ⏸ at the desired upper position (fine-tune with short presses of ▲ or ▼)
3. Press ▲ + ⏸ together for 2 s
4. Motor jogs twice

✓ Upper limit set

4.4 Setting the lower limit



1. Hold ▼ for 2 s: the bottom rail starts to lower
2. Press ⏸ at the desired lower position (fine-tune with short presses of ▲ or ▼)
3. Press ▼ + ⏸ together for 2 s
4. Motor jogs twice

✓ Lower limit set

Good to know

- Keep less than 6 s between presses, or the motor leaves the step. Wait for the jog before the next press.
- While the limits are being set, a short press of ▲ or ▼ moves the shade a small step; hold for 2 s to run it continuously.
- The battery pack must be charged and plugged in. See the LC19-26 battery pack instructions.
- P2 is inside the battery compartment: remove the screw on the back and slide the cover down. Refit the cover and screw afterwards.

05 Function settings: Standard shades

Optional. Complete section 04 first.

5.1 Setting the preferred position



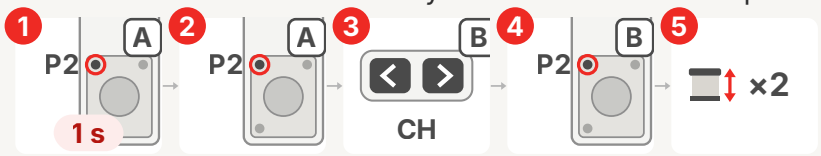
1. Run the shade to the position you want (between the two limits)
2. Press **P2** on the back of the remote for 1 s
3. Turn the remote over and press ⏸ for 1 s. Motor jogs once.
4. Press ⏸ again
5. Motor jogs twice

✓ **Preferred position set**

- To use it, press ⏸ for 2 s from any position. The shade moves to the preferred position.
- To delete it, repeat steps 2 to 4: the motor jogs once instead of twice.

5.2 Adding or removing a remote or channel

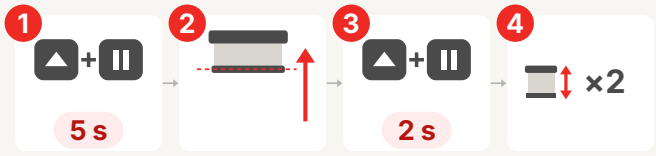
Start on the channel that already controls the shade. Repeat the same steps to remove a channel.



1. Press **P2** on the paired remote (A) for 1 s. Motor jogs once.
2. Press **P2** on remote A again. Motor jogs once.
3. Pick up the new remote (B), or select the new channel on remote A with Channel – / +
4. Press **P2** on the back of the new remote or channel (B)
5. Motor jogs twice

✓ **Remote or channel added or removed**

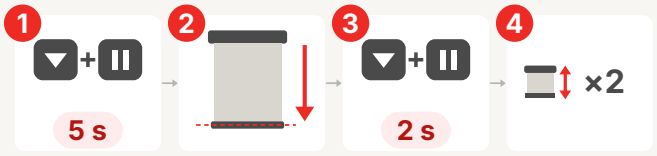
5.3 Adjusting the upper limit



1. Press ▲ + ⏸ together for 5 s. Motor jogs once.
2. Move the shade to the new upper position with ▲ or ▼
3. Press ▲ + ⏸ together for 2 s
4. Motor jogs twice

✓ **Upper limit adjusted**

5.4 Adjusting the lower limit



1. Press ▼ + ⏸ together for 5 s. Motor jogs once.
2. Move the shade to the new lower position with ▲ or ▼
3. Press ▼ + ⏸ together for 2 s
4. Motor jogs twice

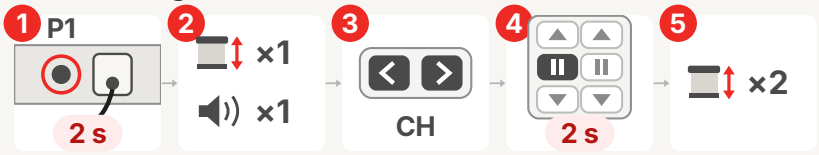
✓ **Lower limit adjusted**

While you adjust, the motor moves in small steps.

06 Setup: Day/Night (Duo) shades (CDC24E-TD)

One motor drives both rails. Use the CBT15H-TD Duo remote: left keys for the bottom rail, right keys for the middle rail.

6.1 Pairing the remote



1. Press P1 on the motor for 2 s
2. Motor beeps and jogs once
3. Select the shade's channel with Channel – / +
4. Press the left ⏸ for 2 s
5. Motor jogs twice

✓ Pairing complete

6.2 Reversing the rotation direction



1. Press the left ▲ and check which way the bottom rail moves
2. If it moves down, press the left ▲ + ▼ together for 2 s
3. Motor jogs once

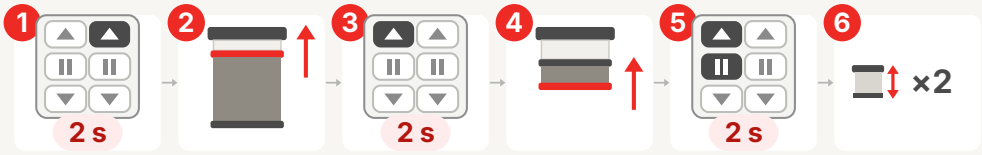
✓ Direction reversed

Do this before you set the limits. Once they are set, hold P1 on the motor until it jogs 3 times (about 10 s).

Good to know

- The left keys move the bottom rail and the right keys move the middle rail. Commands that save a setting always use the left keys.
- Keep less than 6 s between presses, or the motor leaves the step. Wait for the jog before the next press.
- While the limits are being set, a short press moves the rail a small step; hold for 2 s to run it continuously.

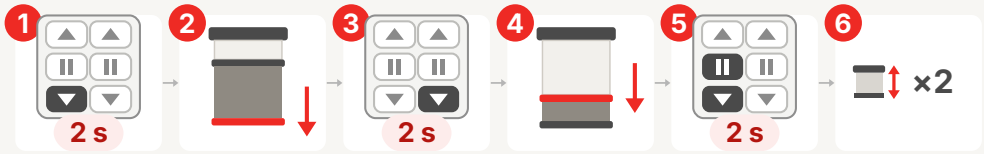
6.3 Setting the upper limits



1. Hold the right ▲ for 2 s: the middle rail rises
2. Press the right ⏸ at the middle rail's upper position
3. Hold the left ▲ for 2 s: the bottom rail rises
4. Press the left ⏸ at the bottom rail's upper position
5. Press the left ▲ + ⏸ together for 2 s
6. Motor jogs twice

✓ Upper limits set

6.4 Setting the lower limits



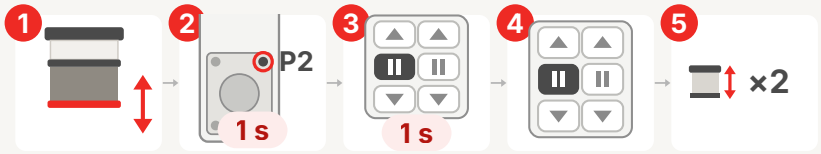
1. Hold the left ▼ for 2 s: the bottom rail lowers
2. Press the left ⏸ at the bottom rail's lower position
3. Hold the right ▼ for 2 s: the middle rail lowers
4. Press the right ⏸ at the middle rail's lower position
5. Press the left ▼ + ⏸ together for 2 s
6. Motor jogs twice

✓ **Lower limits set**

07 Function settings: Day/Night (Duo) shades

Optional. Complete section 06 first.

7.1 Setting the preferred position



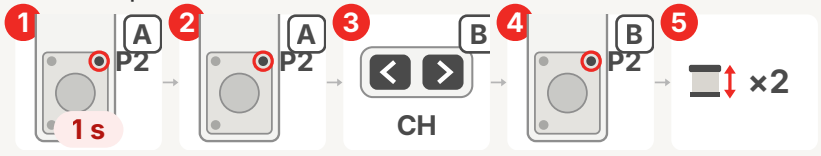
1. Run the shade to the position you want
2. Press **P2** for the left keys, on the back of the remote, for 1 s. Motor jogs once.
3. Turn the remote over and press the left ⏸ for 1 s. Motor jogs once.
4. Press the left ⏸ again
5. Motor jogs twice

✓ **Preferred position set**

- To use it, press the left ⏸ for 2 s from any position.
- To delete it, repeat steps 2 to 4: the motor jogs once instead of twice.

7.2 Adding or removing a remote or channel

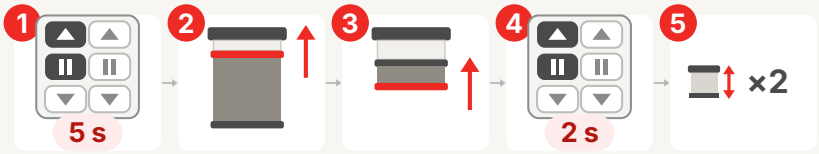
Start on the channel that already controls the shade. Use the **P2** for the left keys throughout. Repeat the same steps to remove a channel.



1. Press **P2** on the paired remote (A) for 1 s. Motor jogs once.
2. Press **P2** on remote A again. Motor jogs once.
3. Pick up the new remote (B), or select the new channel on remote A with Channel – / +
4. Press **P2** on the new remote or channel (B)
5. Motor jogs twice

✓ **Remote or channel added or removed**

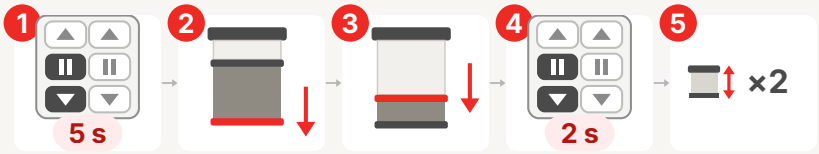
7.3 Adjusting the upper limits



1. Press the left ▲ + ⏸ together for 5 s. Motor jogs once.
2. Move the middle rail to its new upper position with the right ▲ or ▼
3. Move the bottom rail to its new upper position with the left ▲ or ▼
4. Press the left ▲ + ⏸ together for 2 s
5. Motor jogs twice

✓ Upper limits adjusted

7.4 Adjusting the lower limits



1. Press the left ▼ + ⏸ together for 5 s. Motor jogs once.
2. Move the bottom rail to its new lower position with the left ▲ or ▼
3. Move the middle rail to its new lower position with the right ▲ or ▼
4. Press the left ▼ + ⏸ together for 2 s
5. Motor jogs twice

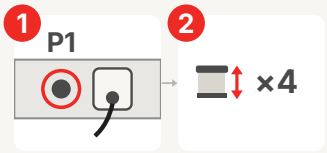
✓ Lower limits adjusted

While you adjust, the rails move in small steps.

08 Factory reset

Both motors.

8.1 Restoring factory settings



1. Press and hold P1 on the motor
2. Release when the motor has jogged 4 times (about 15 s)

✓ Factory settings restored

All limits and remotes are erased. Start again from section 04 (Standard) or 06 (Day/Night).

09 Troubleshooting

Problem	Possible cause	Solution
Motor does not respond	Battery pack flat	Charge the battery pack (LC19-26 instructions)
	Battery plug not fully pushed in	Push the plug fully into the motor cable connector
	Remote battery low	Replace the remote battery
	Out of range or radio interference	Move closer. Keep the antenna exposed and away from metal
One remote moves several shades	Several shades are paired on the same channel	Pair each shade to its own channel
Day/Night: the wrong rail moves	The other column of keys is in use	Left keys move the bottom rail, right keys the middle rail
Shade stops partway	Limit set too high or too low	Adjust the limit (5.3, 5.4 or 7.3, 7.4)
	Ran for a long time without stopping	Wait a few minutes, then try again

10 Specifications

Specification	Value
Models	CDC24E (Standard), CDC24E-TD (Day/Night Duo)
Power	CDC24E 8–12 V DC · CDC24E-TD 12 V DC
Power source	LC19-26 battery pack or 12 V DC transformer
Remotes	CDC24E: CBM remotes · CDC24E-TD: CBT15H-TD Duo remote only
Radio frequency	433.92 MHz
Temperature	0 °C to 40 °C (operating)

Contact
Canadian Blind Manufacturing Inc.
13040 Worster Ct, Richmond, BC V6V 2B3
604.821.1188 · sales@cblind.ca · cdnblind.com

CDC24E Cellaris Motors

Read and keep with the product instructions

01 FCC 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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 or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and the receiver; connect the equipment to an outlet on a circuit different from the one the receiver is connected to; consult the dealer or an experienced radio/TV technician for help.

The FCC ID is printed on the product label.

02 Coin battery warning (remotes)

⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**.
- Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body. National Battery Ingestion Hotline: 1-800-498-8666.
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Battery: 3 V lithium coin cell; the type (for example CR2450) is marked in the battery compartment. Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Make sure the battery is installed correctly according to polarity (+ and –).
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the battery and keep it away from children.

03 Rechargeable lithium-ion battery

- This product contains a rechargeable lithium-ion battery. Charge it only with a CBM charger, solar panel or battery pack approved for it, and follow the charging instructions in this guide.
- Do not crush, puncture, open or heat the battery, and do not expose it to fire or water.
- Do not dispose of lithium-ion batteries in household trash. Recycle them at a battery drop-off location, for example through Call2Recycle (call2recycle.org, 1-877-723-1297), or as your state or local rules require.