

BLISS™ Automation *by* ALTA



15 CHANNEL REMOTE CONTROL PROGRAMMING AND USERS GUIDE

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U.S. RADIO FREQUENCY FCC COMPLIANCE

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 or more 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.

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

ISED RSS WARNING:

This device complies with Innovation, Science and Economic Development Canada 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) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

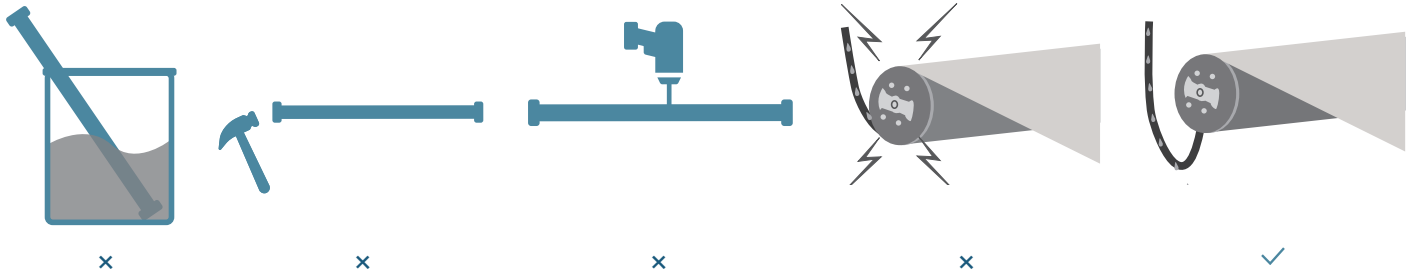
Safety Instructions

Attention

Never drop, knock, drill or submerge the motor. Keep the power cable in the proper position as shown below.

Read all safety instructions before installation.

Incorrect installation can lead to serious injury and will void manufacturer's liability and warranty.



Important Safety Instructions

1. Do not expose motor to humid, damp, or extreme temperature conditions.
2. Do not drill into motor.
3. Do not cut the antenna. Keep it clear from metal objects.
4. Do not allow children to play with this device.
5. If the power cable or connector is damaged, do not use.
6. Ensure the power cable and aerial is clear and protected from moving parts.
7. Cable routed through walls should be properly isolated.
8. Motor is to be mounted in horizontal position only.
9. Before installation, remove unnecessary cords and disable equipment not needed for powered operation.
10. Installation and programming should be performed by a qualified professional. Use or modification outside the scope of these instructions may void warranty.



Do not dispose of in general waste.

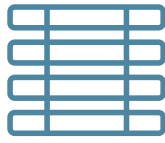
Please recycle batteries and damaged electrical products appropriately.

BLISS Remote Overview

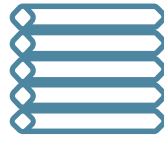
1. Available Products



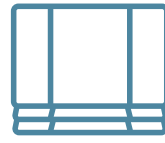
Dual Shades



Faux / Wood Tilt-Only



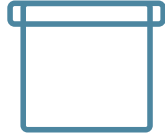
Honeycomb Shades



Natural Wovens



Roller Shades

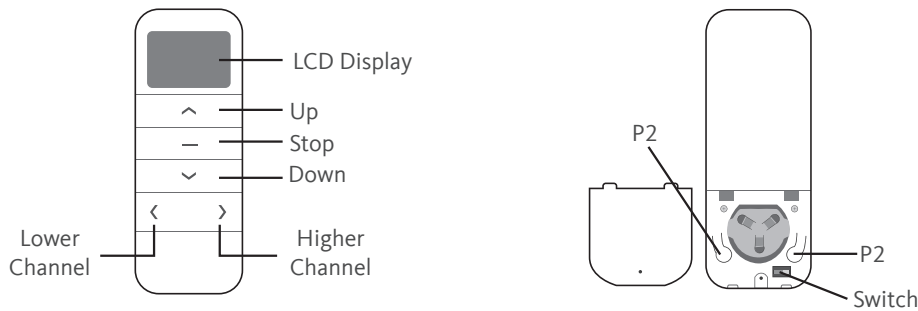


Window Shadings

2. Specifications

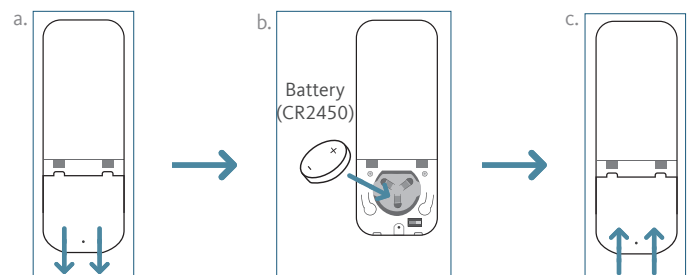
| | |
|-----------------------|-------------------------------|
| Voltage | 3V (CR2450) |
| Radio Frequency | 433.92 MHz Bi-directional |
| Transmitting Power | 10 milliwatt |
| Operating Temperature | 14°F to 122°F (-10°C to 50°C) |
| RF Modulation | FSK |
| Lock Function | Yes |
| IP Rating | IP20 |
| Transmission Distance | up to 200m (outdoor) |

3. Remote Button Instructions



4. Replace/Install CR2450 Battery

- Gently press down the cover and slide it off.
- Install battery (CR2450) with positive (+) side facing up.
- Slide the cover back onto the backside of the remote.

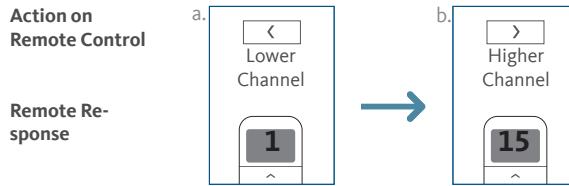


BLISS Remote Function

1. Channel Options

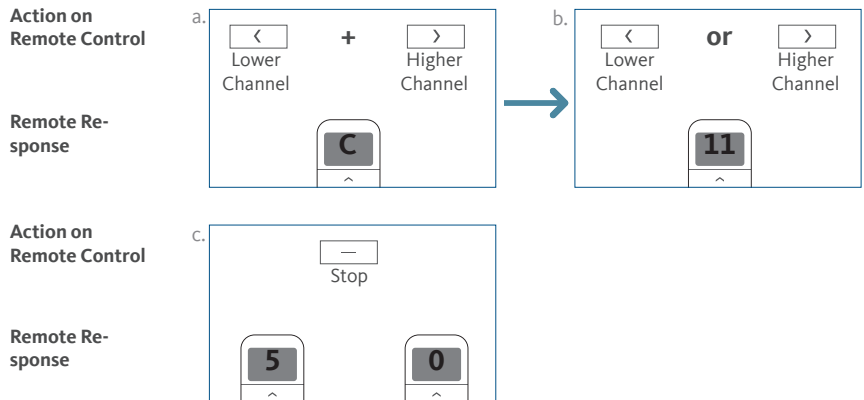
Select A Channel

- Press “<” button on the remote to select a lower channel.
- Press “>” button on the remote to select a higher channel.



Hide Unused Channels

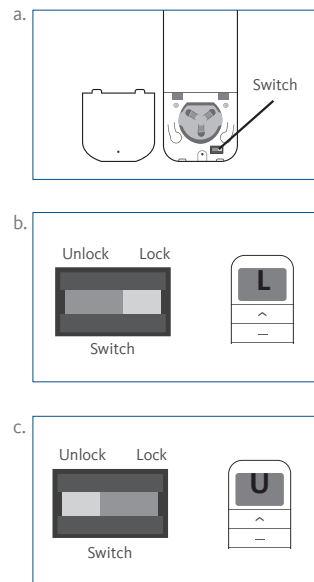
- Press and Hold (about 3 sec) “<” and “>” buttons simultaneously until remote control displays “C” (channel).
- Press “<” or “>” button to select required quantity of channel (between 1 to 15).
- Press “Stop” button to confirm selection (the example shows a 5-channel selection). The LED will display “O” (OK) once to confirm selection.



2. Advanced Setting - Disable Limit Setting

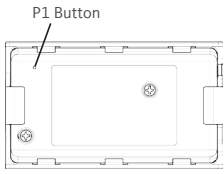
- Remove the cover from the backside of remote, the lock switch is in the right corner.
- Move the switch to the “Lock” position to disable the following commands, remote will show “L” (lock):
 - Change Motor Direction
 - Setting the Upper and Lower Limit
 - Adjust Limit
 - Roller Mode or Sheer Mode
- Move the switch to “Unlock” position to assess all remote functions, remote will show “U” (unlock).

*This advanced feature is intended to be used after all shade programming is completed. User Mode will prevent accidental or unintended changing of limits.

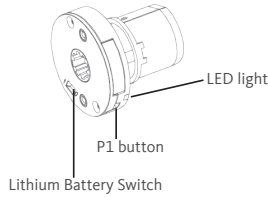


P1 Button Instructions

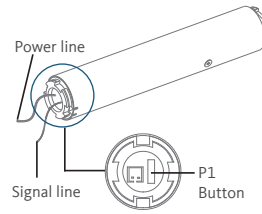
2. P1 Button Location



BLISS TILT



BLISS 1.1 and BLISS 2.0



BLISS LIFT

2. P1 Button Instruction

1 Test Motor

Happening as you press for 1 second



Press P1
Less than 1 sec.

when released

Motor Response: Wakes & Runs

2 Activate Pairing Mode

Happening as you press for 2 seconds



Press P1
Approx. 2 sec.

Until Shade:  Jog x1

when released

Motor Response:  Beep x1

3 Sleep Mode

Happening as you press for 6 seconds



Press P1
Approx. 6 sec.

Until Shade:  Jog x2

when released

Motor Response:  Beep x2

4 Reverse Direction

Happening as you press for 10 seconds



Press P1
Approx. 10 sec.

Until Shade:  Jog x3

when released

Motor Response:  Beep x3

5 Reset To Factory Settings

Happening as you press for 14 seconds



Press P1
Approx. 14 sec.

Until Shade:  Jog x4

when released

Motor Response:  Beep x4

1. Pair / Unpair Remote Control

a. Press **“P1” button** (about 2 sec) on the motor head until motor jogs x1 and beeps x1.

b. In the next 10 secs, press and hold **“Stop” button** on the remote control until motor jogs x2 and beeps x3.

* Repeat the same procedure to unpair remote control.

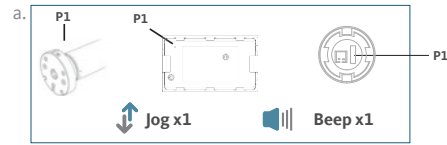
Action on Motor

Motor Response

Action on Remote Control

Motor Response

BLISS Lift and BLISS Tilt motors DO NOT Beep



2. Change Motor Direction (if necessary)

Press **“Up”** or **“Down”** button to check if the shade moves in the desired direction.

If you need to reverse the direction, press and hold (about 2 sec) **“Up”** and **“Down”** buttons simultaneously until motor jogs x1 and beeps x1.

Action on Remote Control

Motor Response



*The operation is only valid when there are no limits. If the motor has already set the upper and lower limit, then you can only switch direction by pressing P1 button (See P1 button instructions).

3. Setting the Upper and Lower Limits

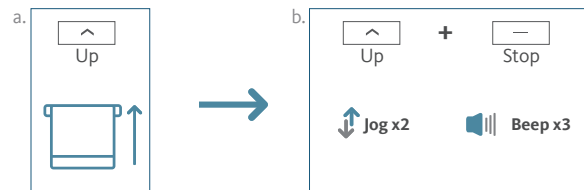
Set Upper Limit

a. Press **“Up”** button to raise the shade, then press **“Stop”** button when it is in the desired upper limit.

b. Press and hold (about 5 sec) **“Up”** and **“Stop”** buttons simultaneously until motor jogs x2 and beeps x3.

Action on Remote Control

Motor Response



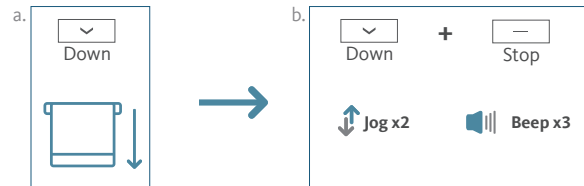
Set Lower Limit

a. Press **“Down”** button to lower the shade, then press **“Stop”** button when it is in the desired lower limit.

b. Press and hold (about 5 sec) **“Down”** and **“Stop”** buttons simultaneously until motor jogs x2 and beeps x3.

Action on Remote Control

Motor Response



*If you exit the limit setting status before you finish the limit settings, the motor will take the previous existing limits.

Adjust Limits

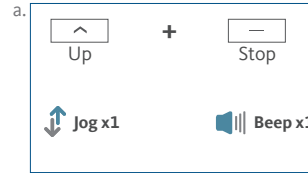
1. Adjust the Upper Limit

a. Press and hold (about 5 sec) **“Up”** and **“Stop”** buttons simultaneously until motor jogs x1 and beeps x1.

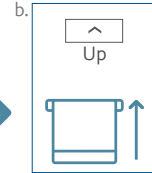
b. Use **“Up”** button to raise the shade to the desired highest position, and use **“Up”** or **“Down”** button to do the final adjustment if necessary.

c. Press and hold (about 5 sec) **“Up”** and **“Stop”** buttons simultaneously until motor jogs x2 and beeps x3.

Action on Remote Control



Motor Response



Action on Remote Control



Motor Response

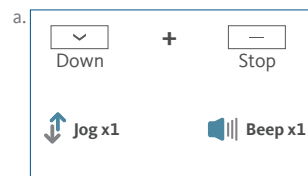
2. Adjust the Lower Limit

a. Press and hold (about 5 sec) **“Down”** and **“Stop”** buttons simultaneously until motor jogs x1 and beeps x1.

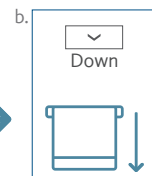
b. Use **“Down”** button to lower the shade to the desired lowest position, and use **“Up”** or **“Down”** button to do the final adjustment if necessary.

c. Press and hold (about 5 sec) **“Down”** and **“Stop”** buttons simultaneously until motor jogs x2 and beeps x3.

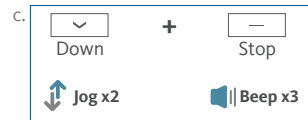
Action on Remote Control



Motor Response



Action on Remote Control



Motor Response

Favorite Position

1. Set Favorite Position

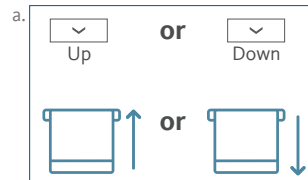
a. Use **“Up”** or **“Down”** button to move the shade to desired Favorite position.

b. Press and hold (about 2 sec) one **“P2”** button on the back of remote control until motor jogs x1 and beeps x1.

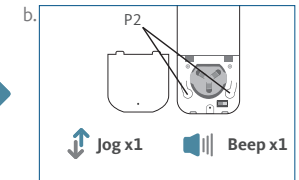
c. Press and hold (about 2 sec) **“Stop”** button until motor jogs x1 and beeps x1.

d. Once more, press and hold (about 2 sec) **“Stop”** button until motor jogs x2 and beeps x3.

Action on Remote Control



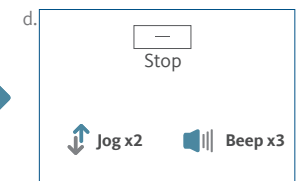
Motor Response



Action on Remote Control



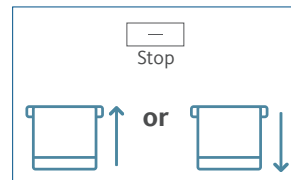
Motor Response



2. Send Shade to Favorite Position

Press and hold (about 2 sec) **“Stop”** button, motor will move to Favorite position.

Action on Remote Control



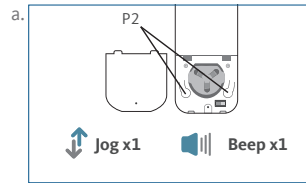
Shade Response

Favorite Position

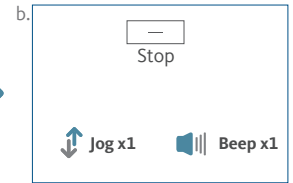
3. Delete Favorite Position

- Press and hold (about 2 sec) one “**P2**” button until motor jogs and beeps x1.
- Press and hold (about 2 sec) “**Stop**” button until motor jogs and beeps x1.
- Once more, press and hold (about 2 sec) “**Stop**” button until motor jogs x1 and long beeps x1.

Action on Remote Control



Motor Response



Action on Remote Control



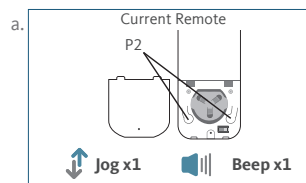
Motor Response

Add or Remove Additional Remote

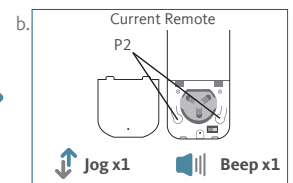
1. Using Current Remote Control

- On the **current** remote control, press and hold (about 2 sec) one “**P2**” button until motor jogs x1 and beeps x1.
- Once more, on the **current** remote control, press and hold (about 2 sec) one “**P2**” button until motor jogs x1 and beeps x1.
- On the **New** remote control, press and hold (about 2 sec) one “**P2**” button until motor jogs x2 and beeps x3.

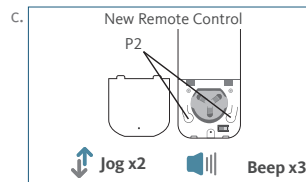
Action on Remote Control



Motor Response



Action on Remote Control



Motor Response

*Repeat the same procedure to remove additional remote control.

2. New Remote Control

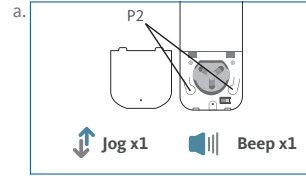
Follow instructions under the section **Pair / Unpair Remote Control**

Adjust Motor Speed

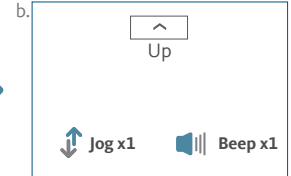
1. Acceleration Speed

- Press one **"P2"** button until motor jogs x1 and beeps x1.
- Press **"Up"** button until motor jogs x1 and beeps x1.
- Once more, press **"Up"** button until motor jogs x2 and beeps x1.

Action on Remote Control



Motor Response



Action on Remote Control

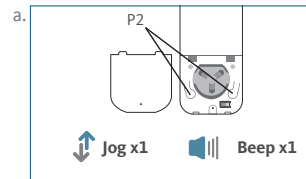


Motor Response

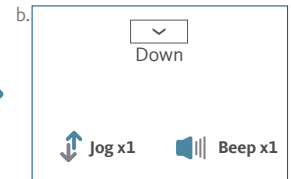
2. Deceleration Speed

- Press one **"P2"** button until motor jogs x1 and beeps x1.
- Press **"Down"** button until motor jogs x1 and beeps x1.
- Once more, press **"Down"** button until motor jogs x2 and beeps x1.

Action on Remote Control



Motor Response



Action on Remote Control



Motor Response

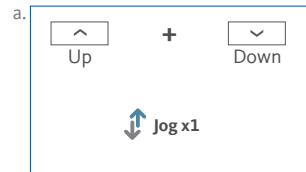
*If the motor has no response, it already has a Maximum or Minimum speed.

Roller or Sheer Mode

1. Roller Shade Mode - continue movement after a short press - Default Mode

- Press and hold (about 5 sec) **"Up"** and **"Down"** buttons simultaneously until motor jogs x1.
- Press and hold (about 2 sec) **"Stop"** button until motor jogs x2 and beeps x3.

Action on Remote Control



Motor Response

Action on Remote Control

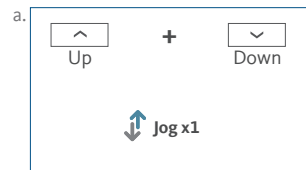


Motor Response

2. Sheer Shade Mode - jog movement after a short press (continue movement after a long press)

- Press and hold (about 5 sec) **"Up"** and **"Down"** buttons simultaneously until motor jogs x1.
- Press and hold (about 2 sec) **"Stop"** button until motor jogs x1 and beeps x1.

Action on Remote Control



Motor Response

Action on Remote Control



Motor Response

Quick Index

| Settings | Steps |
|------------------------------------|--|
| 1 Pairing | P1 (hold down for 2s) > Stop (hold down for 2s) |
| 2 Switch Rotating Direction | Up + Down (hold down for 2s) |
| 3 Setting Upper & Lower Limits | Upper Limit: Up (hold down for 2s) > Up + Stop (hold down for 2s) Lower Limit: Down (hold down for 2s) > Down + Stop (hold down for 2s) |
| 4 Add / Remove Favorite Position | P2 > Stop > Stop |
| 5 Roller Mode & Sheer Mode Switch | Up + Down (hold down for 5s) > Stop |
| 6 Adjust Limits | Upper Limit: Up + Stop (hold down for 5s) > Up or Down > Up + Stop (hold down for 2s) Lower Limit: Down + Stop (hold down for 5s) > Up or Down > Down + Stop (hold down for 2s) |
| 7 Pair / Unpair Additional Emitter | P2 (existing) > P2 (existing) > P2 (new) |
| 8 Speed Regulation | Acceleration: P2 > Up > Up Deceleration: P2 > Down > Down |

Troubleshooting

| Issues | Possible Causes | Solution |
|---|---|--|
| The motor has no response | Battery in motor is depleted | Recharge with provided charger and/or check connection and positioning of solar panel |
| | Insufficient charging from Solar Panel | Check connection and orientation of solar panel |
| | Remote control battery is dead | Replace battery |
| | Battery is not inserted correctly | Check battery polarity |
| | Radio interference / shielding | Kepp remote control and motor antenna away from metal objects |
| | Receiver too far from Remote Control | Move remote control to a closer position |
| | Power failure | Check power supply to motor is connected and active |
| | Incorrect wiring | Check that wiring is connected correctly |
| Motor beeps 10 times when in use | Battery voltage is low / PV (solar panel issue) | Recharge with provided charger and/or check connection and positioning of solar panel |
| Cannot program a single motor (multiple motors respond) | Multiple motors are paired to the same channel. | Always reserve an individual channel for programming functions |
| | | SYSTEM BEST PRACTICE - Provide an extra remote control for multi-motor projects that provides individual control for each motor for programming purposes |
| | | Place all other motors into sleep mode (ref to P1 button instructions) |