SMART HOME COLLECTION
by BUDGET BLINDS®

TDBU Programming Guide

ARC
Automate Radio Communication

SAFETY

⚠️ **WARNING: Important safety instructions to be read before installation and use.**

Incorrect installation or use can lead to serious injury and will void manufacturer's liability and warranty. It is important for the safety of persons to follow the enclosed instructions.
Save these instructions for future reference.

• Do not expose to water, moisture, humid and damp environments or extreme temperatures.
• Persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, should not be allowed to use this product.
• Use or modification outside the scope of this instruction manual will void warranty.
• Installation and programming to be performed by a suitably qualified installer.
• Follow installation instructions.
• For use with motorized shading devices.
• Frequently inspect for improper operation. Do not use if repair or adjustment is necessary.
• Keep clear when in operation.
• Replace battery with correctly specified type.

⚠️ **WARNING: Do not ingest battery, Chemical Burn Hazard.**

This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

🗑️ Do not dispose of in general waste.

FCC ID: 2AGGZ003B9ACA3E
IC: 21769-003B9ACA3E

FC

Operation Temperature Range: -10°C to +50°C
Ratings: 3VDC, 15mA

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

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : 1) L'appareil ne doit pas produire de brouillage; 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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 frequencyenergy 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.

BATTERY MANAGEMENT

For battery motors;
Prevent discharging the battery completely for extended periods, recharge as soon as the battery is discharged
CHARGING NOTES

Charge your motor for 9-12 hours, depending on the motor model, as per motor instructions

⚠️ During operation, if the battery is low, the Endcap LED indicator will flash red to prompt the user to charge the system.

INSTALLER
BEST PRACTICE AND TIPS

SLEEP MODE

If pre-programmed: before shipping the motor ensure the motor is put into sleep mode so it doesn't activate during transit.

LOCK REMOTE

Prevent users accidently changing the limit; ensure the remote is locked as your last step of programming.

ZONE / GROUPS

Ask the customer the day before to think how shades will be zoned on the remote. This may save an extra call out.

SETTLE FABRIC

Run the fabric up and down several times to ensure fabric has settled to some extent and re adjust the limits if needed.
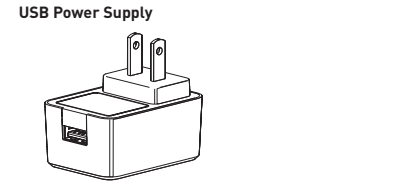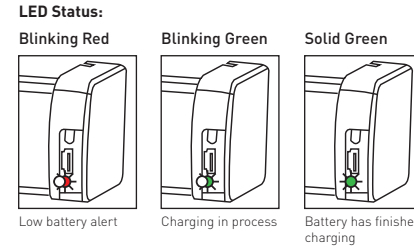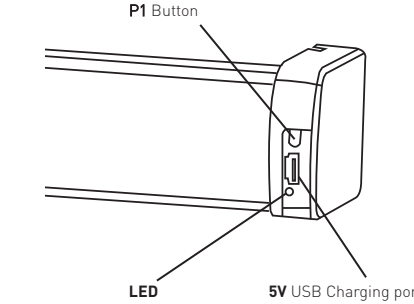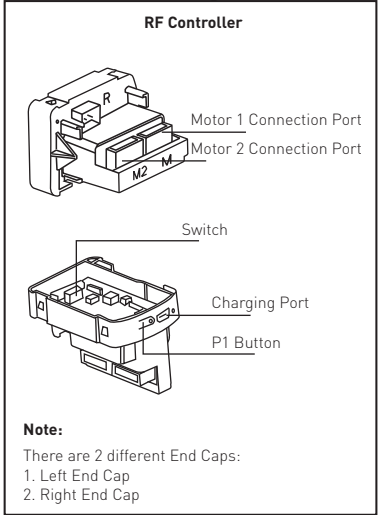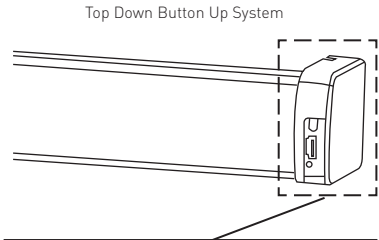
CHARGE 100%

For battery motors ensure the motor is fully charged as per instructions.

INSTALLERS REMOTE

Use a spare remote to individually program each shade. Then use that remote to group rooms as per the user's needs. If you go back and service the installation later then, that same remote can be used to check the individual shades.

PRODUCT RANGE

This Quick Start Programming Guide is for the Top Down Bottom Up system (controller and remote).

Top Down Button Up System

RF Controller

Motor 1 Connection Port
Motor 2 Connection Port
Switch
Charging Port
P1 Button

Note:
There are 2 different End Caps:
1. Left End Cap
2. Right End Cap

P1 LOCATIONS

P1 Button
LED
5V USB Charging port

LED Status:

Blinking Red	Blinking Green	Solid Green
Low battery alert	Charging in process	Battery has finished charging

USB Cable

USB Power Supply

INSTALLER
QUICK START PROGRAMMING

This setup wizard should be used for new installation or factory reset motors only. Individual steps may not work if you haven't followed the wizard from the beginning.
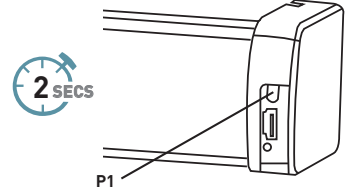
STEP 1 ON REMOTE

[15]

OR

Press « (lower channel) or »(higher channel) buttons to select the channel that needs to be programmed

STEP 2 PAIRING REMOTE WITH MOTOR
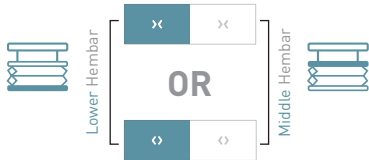
2 SECS
P1

Press the **P1 button** on the motor for **2 Seconds** until the motor responds

The motor will respond with **Jog x1**

Within **10 seconds** hold the Left **STOP** button on the remote until the motor **Jogs x2:**

MOTOR RESPONSE
JOG x2

STEP 3 CHECK DIRECTION

Lower Hembar — OR — Middle Hembar

Press **><** (Up) or **<>** (Down) to check the motor direction. If correct skip to **step 5.**

STEP 4 CHANGE DIRECTION

If the shade direction needs to be reversed; press and hold the **><** (Up) & **<>** (Down) buttons together for **2 seconds** until the motor **Jog x1**.

2 SECS +

MOTOR RESPONSE
JOG x1

The operation is only valid when there are no limits.

STEP 5 SET UPPER LIMIT

Move the middle hembar to the desired top limit by pressing the right **><** (Up) button repeatedly.

+ **2 SECS**

Then press and hold right **><** (Up) & right **STOP** buttons together for **2 seconds** to save the top limit.

MOTOR RESPONSE
JOG x2

Repeat this process using the left **><** (Up) button to set desired top limit and left **><** (Up) & left **STOP** for **2 seconds** to set the lower hembar top limit.

STEP 6 SET BOTTOM LIMIT

Move the middle hembar to the desired bottom limit by pressing the right **<>** (Down) button repeatedly.
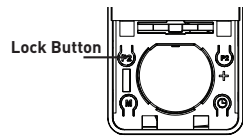
+ **2 SECS**

Then press and hold right **<>** (Down) & right **STOP** buttons together for **2 seconds** to save the bottom limit.
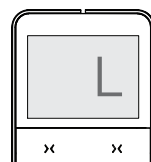
MOTOR RESPONSE
JOG x2

Repeat this process using the left **<>** (Down) button to set desired bottom limit and left **<>** (Down) & left **STOP** for **2 seconds** to set the lower hembar top limit.
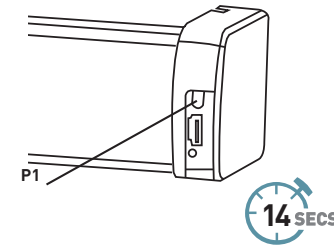
STEP 7 SAVE YOUR LIMIT

6 SECS

Lock Button

Repeat steps **1-6** for all motors. Once complete **Press the lock button for 5 seconds** to lock the remote, the **L** will breifly appear on the screen.
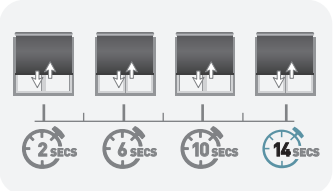
[L]

FACTORY RESET
MOTOR RESET PROCEDURE

To reset all settings in the motor press and hold the **P1 Button for 14 seconds**, you should see **4 independent jogs**.
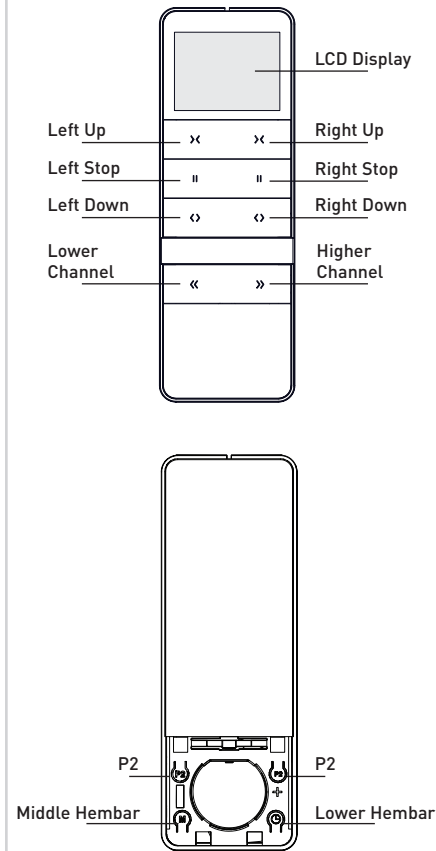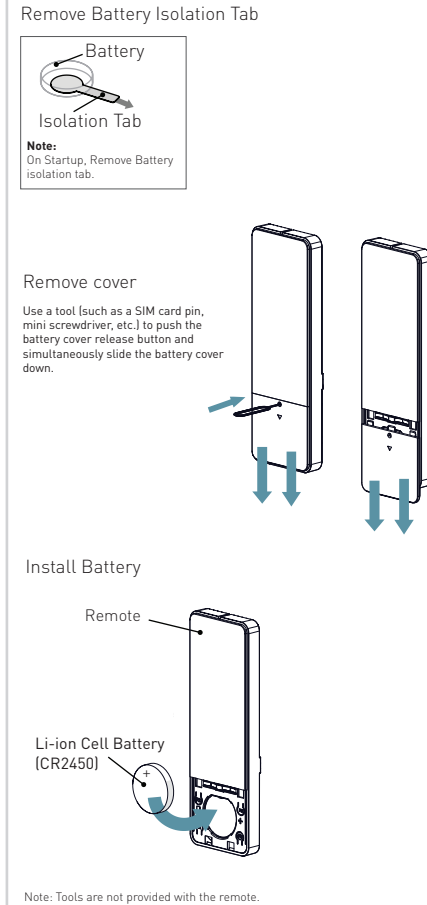
P1
14 SECS

MOTOR RESPONSE

2 SECS	6 SECS	10 SECS	14 SECS

MOTOR RESPONSE
JOG x4

USER GUIDE

BUTTON OVERVIEW

LCD Display

Left Up — Right Up
Left Stop — Right Stop
Left Down — Right Down
Lower Channel — Higher Channel

P2 — P2
Middle Hembar — Lower Hembar

REPLACE BATTERY

Remove Battery Isolation Tab

Battery
Isolation Tab

Note: On Startup, Remove Battery isolation tab.

Remove cover

Use a tool (such as a SIM card pin, mini screwdriver, etc.) to push the battery cover release button and simultaneously slide the battery cover down.

Install Battery

Remote

Li-ion Cell Battery (CR2450)

Note: Tools are not provided with the remote.

WALL MOUNTING

Use supplied fasteners and anchors to attach the base to wall.

HIDE UNUSED CHANNELS

Your multi channel remote can be configured to have anywhere between 1 or 15 visible channels.

Inactive channels will not be visible when scrolling through the Channel selection.

Hold **STOP** and **Channel Button**

[II II] **&** [« »]

Remote Respose: Flashing Stops

Continue holding **Channel Button** and select required channel qty by pressing **><** (UP) or **<>** (Down)

[>< ><] **OR** [<> <>]

Press **STOP** to confirm

[II II]

Remote Respose: Flashing Stops

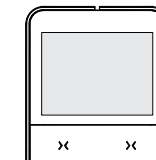## SELECTING A CHANNEL

STEP 1

[« »] **OR** [« »]

Press left and right arrow; to scroll through channels as required.
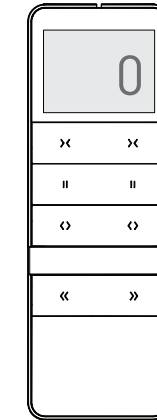
STEP 2

READY FOR CONTROL

Now while the channel is active follow the control instructions.

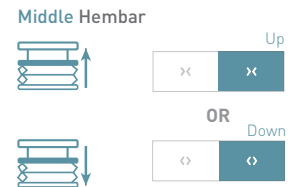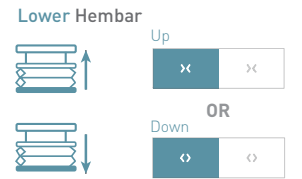If no button is pressed within 4 seconds, the channel slection will automatically be confirmed.

GROUP CONTROL

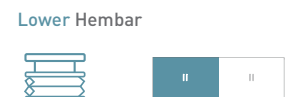Channel **"0"** is pre-set to control ALL shades paired to your Muli-channel remote.

0

CONTROLLING A SHADE

CONTROL SHADE UP OR DOWN

Lower Hembar
Up [>< ><]
OR
Down [<> <>]

Middle Hembar
Up [>< ><]
OR
Down [<> <>]

While the channel is displayed press **><** (Up) or **<>** (Down) to move shade accordingly

STOPPING THE SHADE

Lower Hembar
[II II]

Middle Hembar
[II II]

Press the corresponding **STOP** button to stop the hembar at any point.

Press and hold Left **STOP** for **2 seconds** to send shade to favorite position (if set).
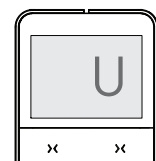

USER GUIDE

DISABLE LIMIT SETTING

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

Press the lock button for **5 seconds** to lock/unlock the remote.
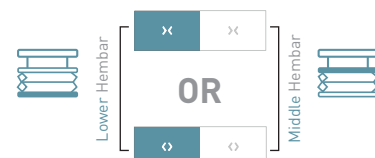
Lock Button

L
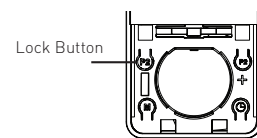
LCD displays "L" when locked

U

LCD displays "U" when unlocked

SET A FAVORITE POSITION

Repeating these steps after creating a favorite position will delete it.

Move Hembar to desired position by pressing **><** (Up) or **<>** (Down) on the remote.

Lower Hembar [>< ><] **OR** [<> <>] Middle Hembar

Move shade to desired position by adjusting hembar positions by pressing the corresponding **><** (Up) and **<>** (Down) buttons on the remote.

STEP 1. Press P2 on controller
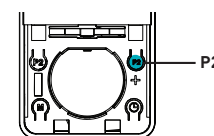
P2

STEP 2. Press Left STOP on controller
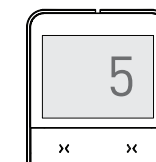
2 SECS

MOTOR RESPONSE JOG X1

STEP 3. Press Left STOP on controller
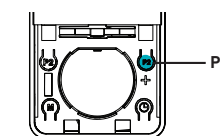
2 SECS [II II]

MOTOR RESPONSE JOG X2

CREATE CUSTOM GROUPS

It is possible to copy one channel to another channel to create custom groups

5

Select the channel you want to transfer

STEP 1. Press P2 on existing controller

P2

MOTOR RESPONSE JOG X1

STEP 2. Press P2 again on existing controller

MOTOR RESPONSE JOG X1
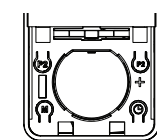
Step 3 to be completed within 4 seconds of Step 2

5

Select the channel on the new controller

STEP 3. Press P2 on new controller

P2

MOTOR RESPONSE JOG X2