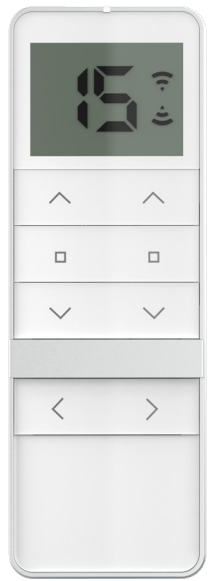




AUTOMATE.®




TDBU

## Programming Guide


MT02-0101-060028\_QSG\_v1.0

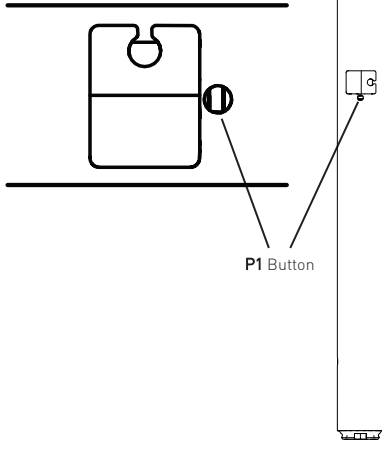

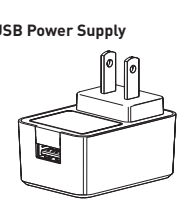
SAFETY	
<p><b>▲ WARNING: Important safety instructions to be read before installation and use.</b></p> <p>Incorrect installation or use can lead to serious injury and will void manufacturer's liability and warranty. It is important for the safety of persons to follow the enclosed instructions. <b>Save these instructions for future reference.</b></p> <p>Do not expose to water, moisture, humid and damp environments or extreme temperatures.</p> <p>Persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, should not be allowed to use this product.</p> <p>Use or modification outside the scope of this instruction manual will void warranty.</p> <p>Installation and programming to be performed by a suitably qualified installer.</p> <p>Follow installation instructions.</p> <p>For use with motorized shading devices.</p> <p>Frequently inspect for improper operation.</p> <p>Do not use if repair or adjustment is necessary.</p> <p>Keep clear when in operation.</p> <p>Replace battery with correctly specified type.</p> <p> Warning: contains coin battery</p> <p>Battery: CR2450   3VDC</p> <p>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.</p> <p>Even used batteries may cause severe injury or death.</p> <p>Call a local poison control center for treatment information.</p> <p>Non-rechargeable batteries are not to be recharged.</p> <p>Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.</p> <p>Ensure the batteries are installed correctly according to polarity (+ and -).</p> <p>Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.</p> <p>Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.</p>	
<p><b>▲ WARNING</b></p> <p><b>INGESTION HAZARD:</b> This product contains a button cell or coin battery. <b>DEATH</b> or serious injury can occur if ingested. A swallowed button cell or coin battery can cause <b>Internal Chemical Burns</b> in as little as <b>2 hours</b>. <b>KEEP</b> new and used batteries <b>OUT OF REACH OF CHILDREN</b>. <b>Seek immediate medical attention</b> if a battery is suspected to be swallowed or inserted inside any part of the body.</p> <p></p>	

<p> <b>AVERTISSEMENT : Consignes de sécurité importantes à lire avant l'installation et l'utilisation.</b></p> <p>Une installation ou une utilisation incorrecte peut entraîner des blessures graves et annulera la responsabilité et la garantie du fabricant. Il est important pour la sécurité des personnes de suivre les instructions ci-jointes.</p> <p><b>Veillez conserver ces instructions à titre de référence ultérieure.</b></p> <ul style="list-style-type: none"><li>• Ne pas exposer à l'eau, à l'humidité, aux environnements humides ou aux températures extrêmes.</li><li>• Les personnes (y compris les enfants) dont les capacités physiques, sensorielles ou mentales sont réduites, ou qui manquent d'expérience et de connaissances, ne doivent pas être autorisées à utiliser ce produit</li><li>• L'utilisation ou la modification hors du champ d'application de ce manuel d'instructions annulera la garantie.</li><li>• L'installation et la programmation doivent être effectuées par un installateur qualifié.</li><li>• Suivre les instructions de montage.</li><li>• À utiliser avec des dispositifs d'ombrage motorisés.</li><li>• À inspecter fréquemment pour éviter les mauvais fonctionnements.</li></ul> <p>Ne pas utiliser si une réparation ou un réglage est nécessaire.</p> <ul style="list-style-type: none"><li>• Rester à l'écart pendant le fonctionnement.</li><li>• Remplacer la pile par le type correctement spécifié.</li></ul>	
<p> <b>AVERTISSEMENT : Ne pas avaler la pile, risque de brûlure chimique.</b></p> <p>Ce produit contient une pile bouton. Si la pile bouton est avalée, elle peut provoquer de graves brûlures internes en seulement 2 heures et entraîner la mort.</p> <p>Gardez les piles neuves et usagées hors de portée des enfants. Si le compartiment à piles ne se ferme pas correctement, cessez l'utilisation du produit et tenez-le hors de portée des enfants.</p> <p>Si vous pensez que des piles ont été avalées ou introduites à l'intérieur d'une partie du corps, consultez immédiatement un médecin.</p>	

FCC & ISED STATEMENT	
<p>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. <b>Caution:</b> 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.</p> <p>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.</p> <p>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.</p> <p>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:</p> <ul style="list-style-type: none"><li>• Reorient or relocate the receiving antenna.</li><li>• Increase the separation between the equipment and receiver.</li><li>• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.</li><li>• Consult the dealer or an experienced radio/TV technician for help.</li></ul>	

INSTALLER BEST PRACTICE AND TIPS	
<p><b>SLEEP MODE</b></p> <p>If pre-programmed: before shipping the motor ensure the motor is put into sleep mode so it doesn't activate during transit.</p>	
<p><b>LOCK REMOTE</b></p> <p>Prevent users accidentally changing the limit; ensure the remote is locked as your last step of programming.</p>	
<p><b>ZONE / GROUPS</b></p> <p>Ask the customer the day before to think how shades will be zoned on the remote. This may save an extra call out.</p>	
<p><b>SETTLE FABRIC</b></p> <p>Run the fabric up and down several times to ensure fabric has settled to some extent and re adjust the limits if needed.</p>	
<p><b>CHARGE 100%</b></p> <p>For battery motors ensure the motor is fully charged as per instructions.</p>	
<p><b>INSTALLERS REMOTE</b></p> <p>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.</p>	

BATTERY MANAGEMENT	
<p>For battery motors; Prevent discharging the battery completely for extended periods, recharge as soon as the battery is discharged</p> <p><b>CHARGING NOTES</b></p> <p>Charge your motor for 9-12 hours, depending on the motor model, as per motor instructions</p>	
<p> During operation, if the battery is low, the Endcap LED indicator will flash red to prompt the user to charge the system.</p>	
<p><b>PRODUCT RANGE</b></p> <p>This Quick Start Programming Guide is for the Top Down Bottom Up system (controller and remote).</p>	

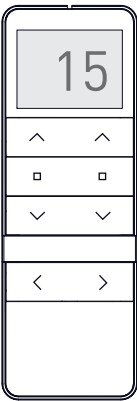
P1 LOCATIONS	
<p></p> <p>P1 Button</p>	
<p><b>USB Cable</b></p> <p></p>	
<p><b>USB Power Supply</b></p> <p></p>	



## INSTALLER

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 setup from the beginning.

### STEP 1 ON REMOTE

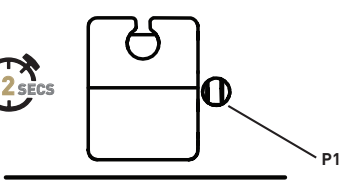


OR



Press < (lower channel) or > (higher channel) buttons to select the channel that needs to be programmed

### STEP 2 PAIRING REMOTE WITH MOTOR



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

The motor will respond with **Jog x1**

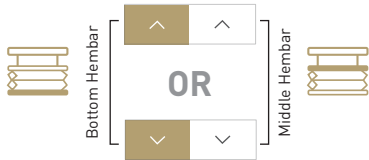
Within **10 seconds** hold the Left **STOP** button on the remote until the motor **Jogs x2:**



MOTOR RESPONSE



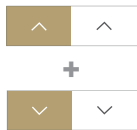
### STEP 3 CHECK DIRECTION



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**.



MOTOR RESPONSE



The operation is only valid when there are no limits.

### STEP 5 SET UPPER LIMIT

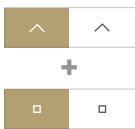
Move the middle hembar to the desired top limit by pressing the right **▲** (Up) button repeatedly.



Move the bottom hembar to the desired top limit by pressing the left **▲** (Up) button repeatedly.



Then press and hold left **▲** (Up) & left **STOP** buttons together for **2 seconds** to save the top limit for both rails.



MOTOR RESPONSE



### STEP 6 SET BOTTOM LIMIT

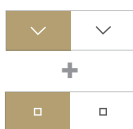
Move the bottom hembar to the desired bottom limit by pressing the left **▼** (Down) button repeatedly.



Move the middle hembar to the desired bottom limit by pressing the right **▼** (Down) button repeatedly.



Then press and hold left **▼** (Down) & left **STOP** buttons together for **2 seconds** to save the bottom limit for both rails.



MOTOR RESPONSE

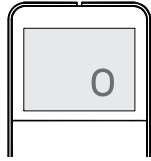
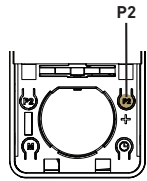


### STEP 7 DISABLE LIMIT SETTINGS

**Repeat steps 1-6** for all motors. Press & hold the Left **STOP** button for **15 seconds** to lock the remote. The screen will display L for lock.



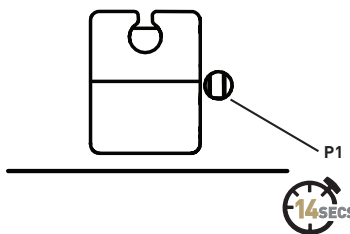
While L is displayed, press P2 to lock, the screen will confirm selection by displaying 'o'.



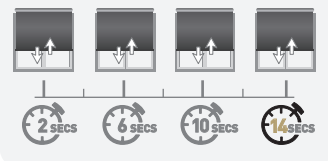
▲ ▼

### 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**.



### MOTOR RESPONSE

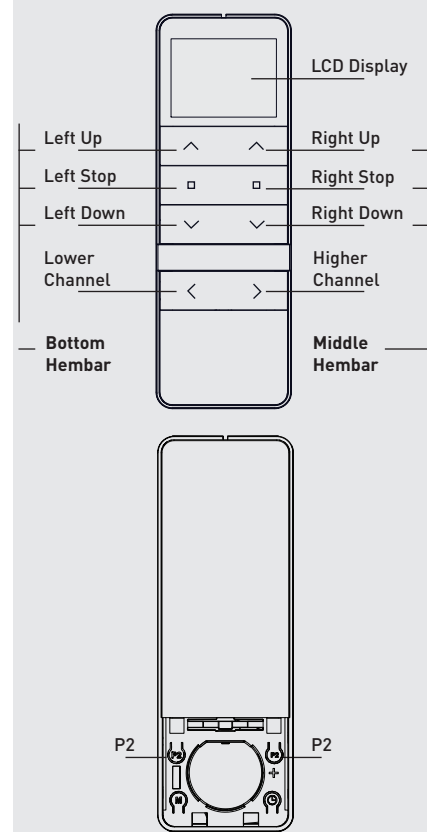


MOTOR RESPONSE

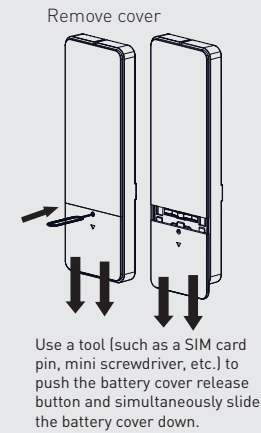




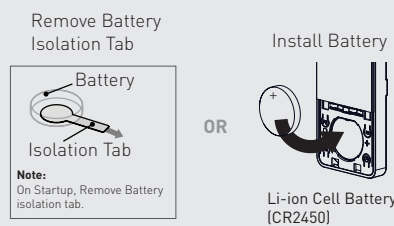
## BUTTON OVERVIEW



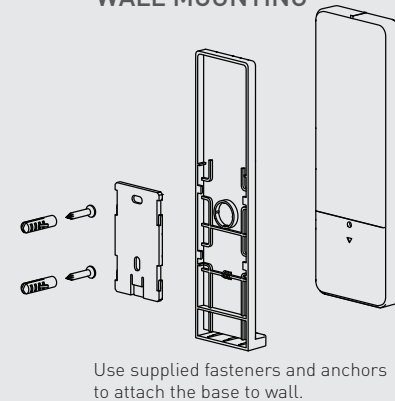
## REPLACE BATTERY



Note: Tools are not provided.



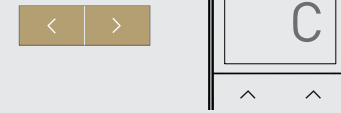
## WALL MOUNTING



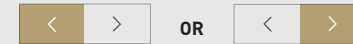
Use supplied fasteners and anchors to attach the base to wall.

## HIDE UNUSED CHANNELS

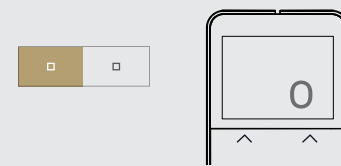
Hold both channel buttons "<" and ">" until 'C' appears on the screen.



Select the number of channels using the channel buttons "<" or ">".

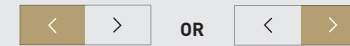


Press **STOP** button to confirm, remote will display 'o' to confirm selection.



## SELECTING A CHANNEL

### STEP 1

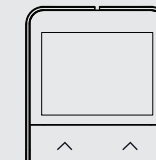


Press left and right arrow; to scroll through channels as required.

### 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 selection will automatically be confirmed.

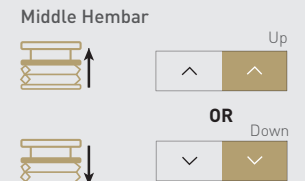
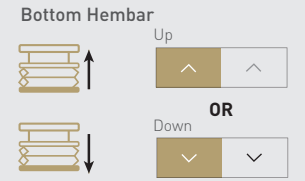
## GROUP CONTROL

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



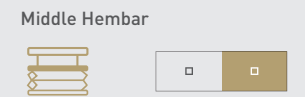
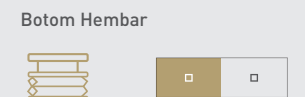
## CONTROLLING A SHADE

CONTROL SHADE UP OR DOWN



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

STOPPING THE SHADE



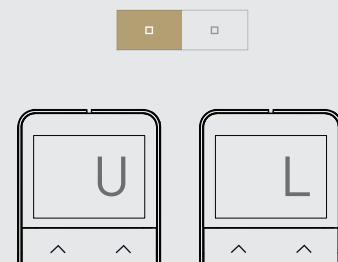
Press the corresponding **STOP** button to stop the hembar at any point.

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

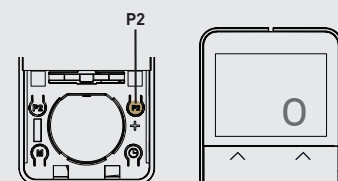
## DISABLE LIMIT SETTING

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

Press & Hold the **Left STOP** button for **15 seconds** to lock/unlock the remote. The screen will display the U for Unlock or L for Lock.



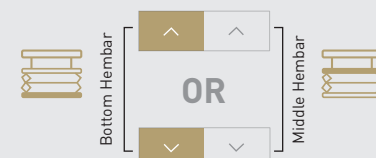
Press **P2** button while L or U are displayed to confirm. The screen will confirm selection by displaying 'o'.



## SET A FAVORITE POSITION

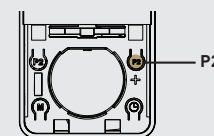
Repeating these steps after creating a favorite position will delete it.

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



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



STEP 2. Press **Left STOP** on controller

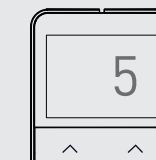


STEP 3. Press **Left STOP** on controller



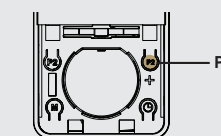
## CREATE CUSTOM GROUPS

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

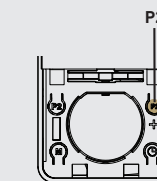


Select the channel you want to transfer

STEP 1. Press **P2** on existing controller



STEP 2. Press **P2** again on existing controller



Step 3 to be completed within 4 seconds of Step 2



Select the channel on the new controller

STEP 3. Press **P2** on new controller

