

Motorized Drop Screens

MiraSol

Zipper Side Channel System

Installation Manual

056517-101r5.1



CONTENTS

SECTION A TOOLS AND ADDITIONAL ITEMS REQUIRED 3			
TOOLS REQUIRED			
SECTION B PREPARATION 4			
PRE-ASSEMBLED SHADE COMPONENTS4			
OPTIONAL ASSEMBLE SHADE ACCESSORIES			
SECTION C INSTALLATION 6			
MOUNTING ORIENTATION6			
78MM TUBE 7			
S100 TUBE 8			
SPRING TENSION ADJUSTMENT9			
SHADE OPERATION10			
SIDE GUIDE INSTALLATION (FACE FIX ONLY)			
SIDE GUIDE INSTALLATION U-MOUNTING RAIL12			
SIDE GUIDE INSTALLATION INNER RAIL13			
TEST OPERATION15			
INSTALL FRONT COVER15			
SECTION D OPERATION 16			
ULTRA LOCK OPERATION16			
SECTION E ACCESSORIES 17			
BOLT LOCK INSTALLATION17			
WALL MOUNTING CLIPS17			
SECTION F APPENDIX 18			
MAX SPRING TURNS REFERENCE			
MOTOR PROGRAMMING19			
SECTION G DOCUMENT CHANGE NOTES 22			

DISCLAIMER

INTRODUCTION

This installation manual for Zipscreen System has been produced by Rollease Acmeda to supply the necessary information for the safe and correct installation of Zipscreen System.

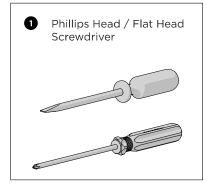
DISCLAIMER

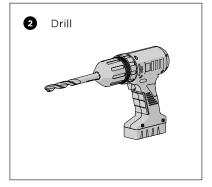
Rollease Acmeda has used reasonable care in preparing the information included in this document, but makes no representations or warranties as to the completeness or accuracy of the information. Information is supplied upon the condition that the persons receiving the information will make their own determination as to its suitability for their purposes prior to use. Rollease Acmeda assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein. Rollease Acmeda reserves the right to make changes without further notice to any products to improve reliability, function or design.



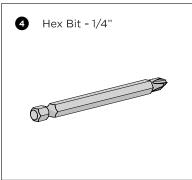
SECTION A | TOOLS AND ADDITIONAL ITEMS REQUIRED

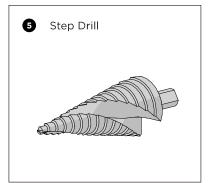
TOOLS REQUIRED

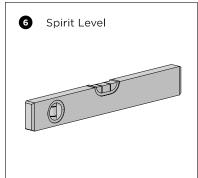


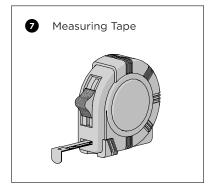


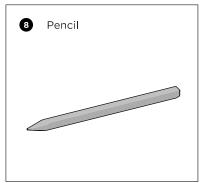


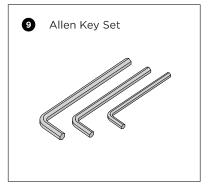


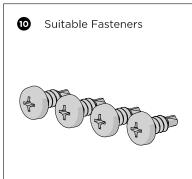








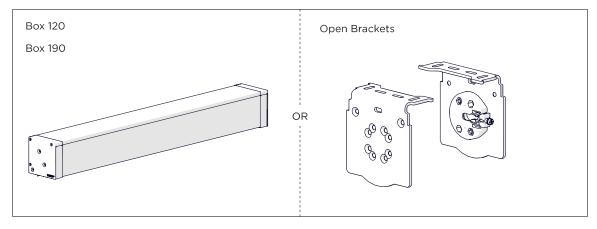




SECTION B | PREPARATION

PRE-ASSEMBLED SHADE COMPONENTS

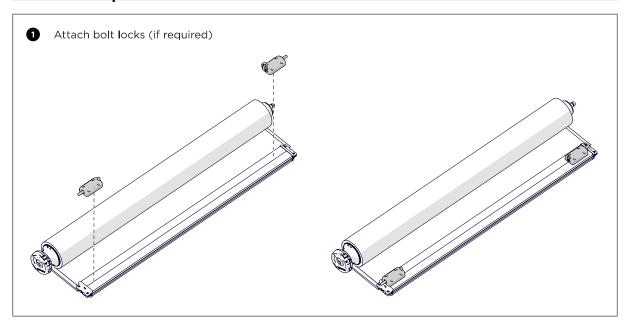
Note: Images shown below are indicative only and will vary with system requirements.

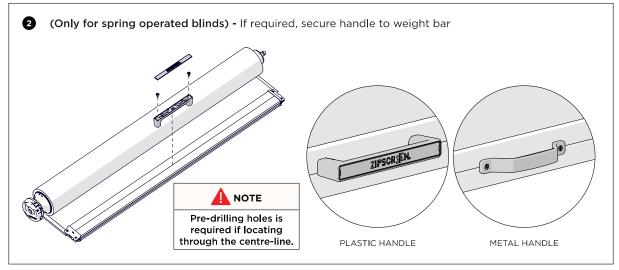






OPTIONAL | ASSEMBLE SHADE ACCESSORIES







SECTION C | INSTALLATION

MOUNTING ORIENTATION

Use appropriate fasteners to install box/open brackets. Fasteners below are indicative only.

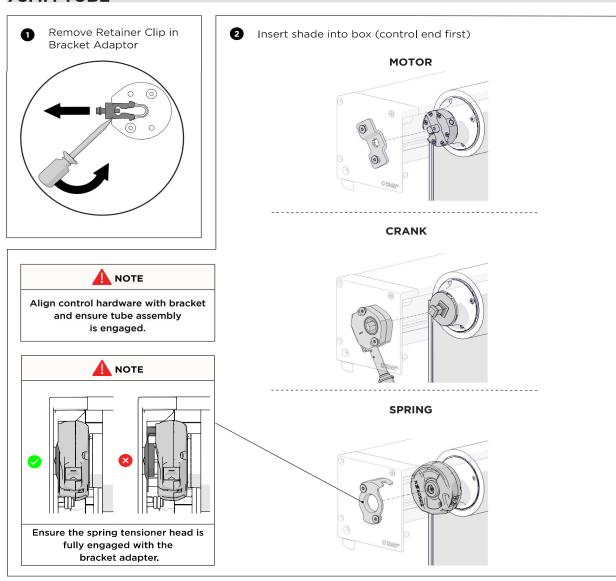
A NOTE

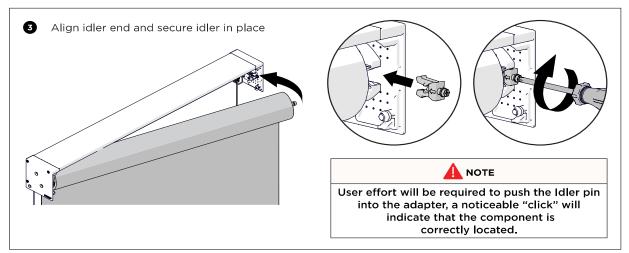
- Ensure brackets are level.
- Recommend pre-drilling holes in cassette brackets prior to installation.
- Pre-dril Ø22mm access hole for motor cable.

	FACE	CEILING	RECESS
Box 120			
Box 190			
Open Brackets			
Extreme Open Brackets			



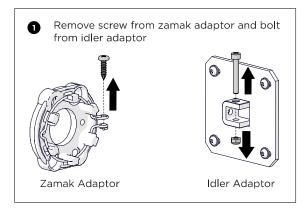
78MM TUBE

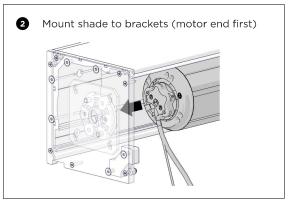


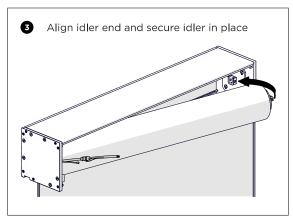


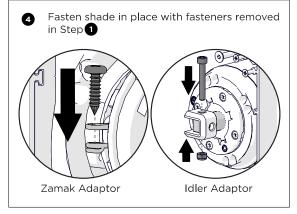
SECTION C | INSTALLATION

S100 TUBE









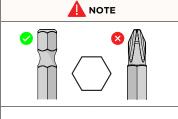
SPRING TENSION ADJUSTMENT

MARNING

Do not unlock the tensioner head before applying tension. The weight bar will fall to the ground.

Do not operate drill in reverse if pin has not been activated. (see step 2)

DO NOT use an impact driver.



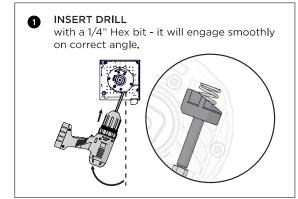
Use a drill with a 1/4" Hex Bit.

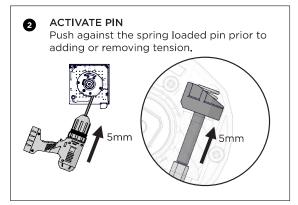
A NOTE

Ensure drill bit inserts on correct angle - it will engage smoothly when correct.

Ensure the drill bit is 'pushing' up the internal lock before rotating.

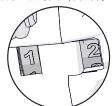
Lock the tensioner head before attempting to remove the blind.





ADD OR REMOVE SPRING TENSIONEngage drill clockwise to apply tension. Anticlockwise will remove tension. The weight bar will move up slightly when enough pre-turns have been applied. Tension can be adjusted at any time, even while unlocked.







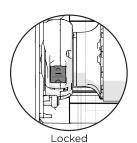
MARNING

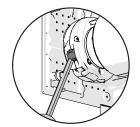
Recommend to use the drill's slip clutch mechanism to prevent accidental damage. If you hear clicking in clockwise, the drill has not been pushed in correctly.

UNLOCK SPRING TO OPERATE SHADEPush grey lock to the unlocked position.
The lock button will remain fully retracted.

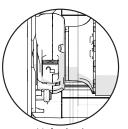


LOCK SPRING TO REMOVE SHADE Push grey lock again, tube may require 1/4 turn to re-engage locked position.





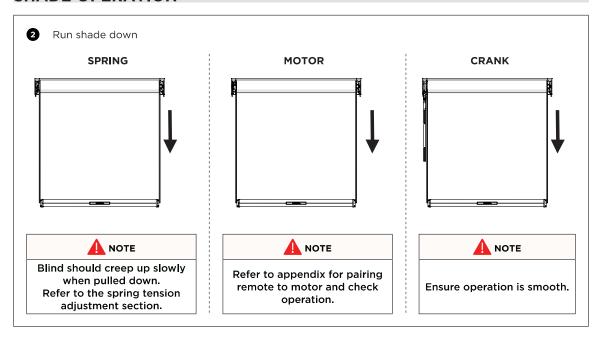


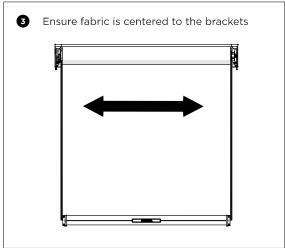


Unlocked

SECTION CLINSTALLATION

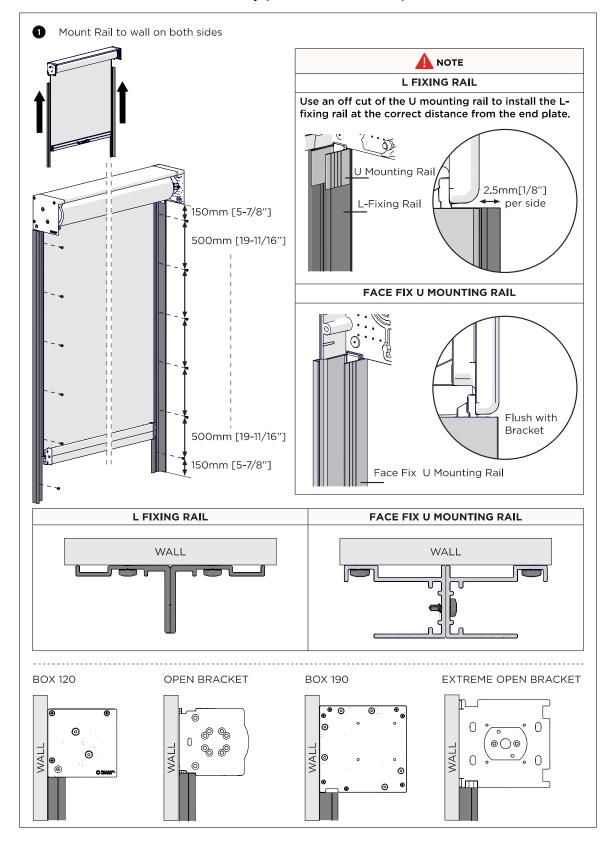
SHADE OPERATION







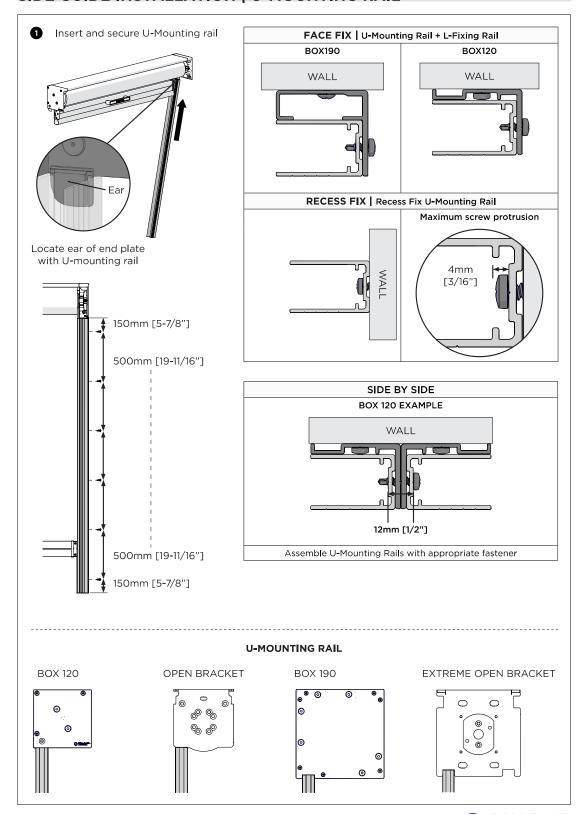
SIDE GUIDE INSTALLATION | (FACE FIX ONLY)





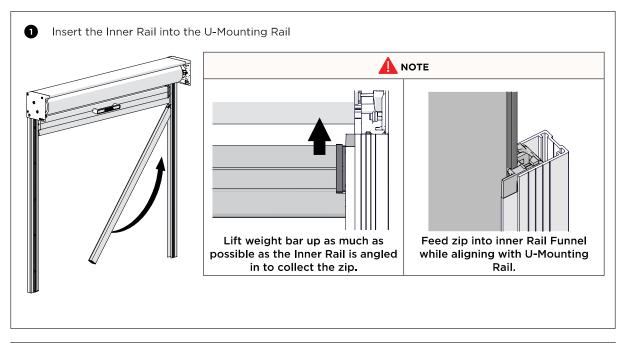
SECTION C | INSTALLATION

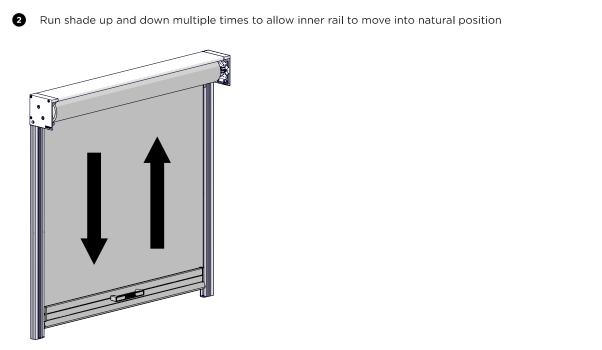
SIDE GUIDE INSTALLATION | U-MOUNTING RAIL





SIDE GUIDE INSTALLATION | INNER RAIL



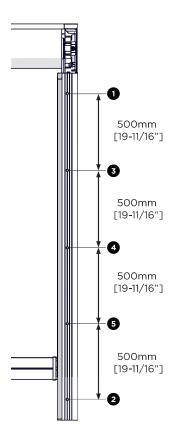


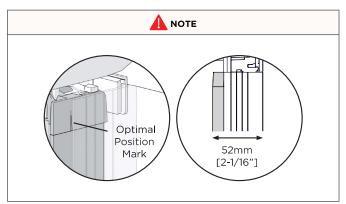


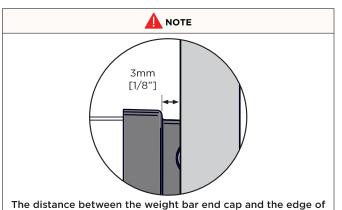
SIDE GUIDE INSTALLATION | INNER RAIL

- 3
- 1. Align the Inner Rail to the 52mm notch and secure Inner Rail with a fastener.
- 2. Lower the shade and ensure the Inner Rails are parallel then secure with a fastener.
- 3. Continue to secure the Inner Rails at MAX 500mm spacing, operate the shade at each stage. For spring controls, adjust tension as necessary.

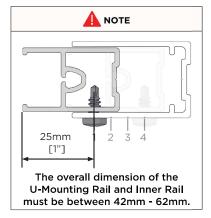
DO NOT pull the Inner Rails tight as this will create excess friction preventing smooth operation.

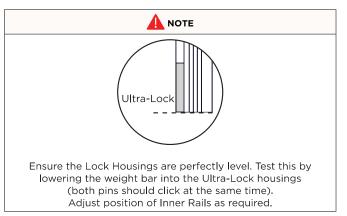






the inner rail should always be approximately 3mm [1/8"].

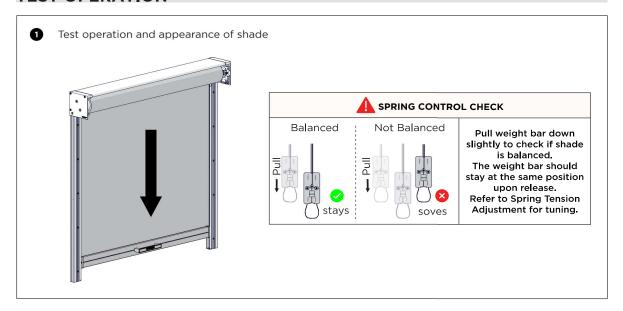




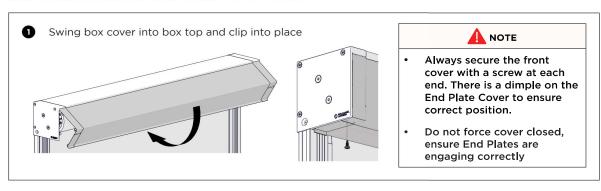
Note: Screw position shown above is not to scale (only for illustration purpose)



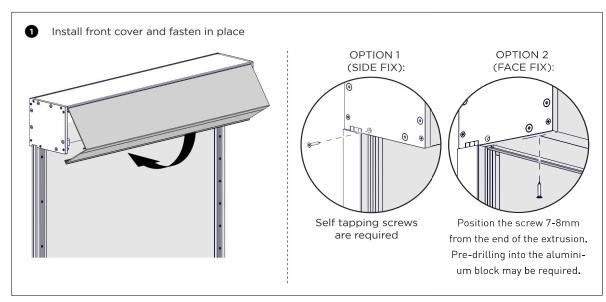
TEST OPERATION



INSTALL FRONT COVER



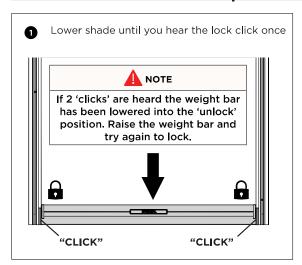
INSTALL FRONT COVER - BOX 190



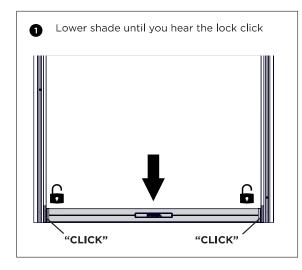


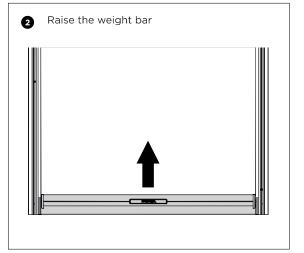
SECTION D | OPERATION

ULTRA LOCK OPERATION | LOCK



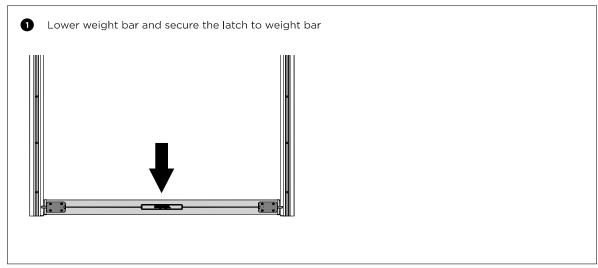
ULTRA LOCK OPERATION | UNLOCK

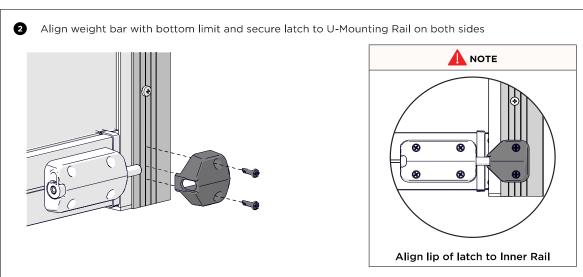




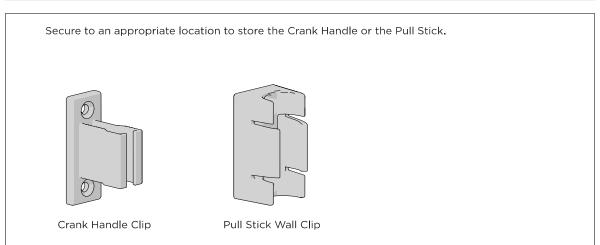
SECTION E | ACCESSORIES

BOLT LOCK INSTALLATION





WALL MOUNTING CLIPS



SECTION F | APPENDIX

MAX SPRING TURNS REFERENCE

A spring has a maximum number of turns to ensure longevity.

The 'total turns' of a spring is the sum of the # of tube turns & the # of pre-turns applied.

e.g. for a COMPACT spring on a 2.4m drop blind, do not apply more than 16 pre-turns.

SPRING MAX PRE-TURNS @ DROP					
DROP		SPRING		ING	
[m]	[in]	# TUBE TURNS	COM LGT	STD HD XHD UHD	
0.6	24	2	23	31	
0.8	31	3	22	30	
1.0	39	4	21	29	
1.2	47	4	21	29	
1.4	55	5	20	28	
1.6	63	6	19	27	
1.8	71	7	18	26	
2.0	79	7	18	26	
2.2	87	8	17	25	
2.4	94	9	16	24	
2.6	102	9	16	24	
2.8	110	10	15	23	
3.0	118	11	14	22	
3.2	126	11	14	22	
3.4	134	12	13	21	
3.6	142	12	13	21	
3.8	150	13	12	20	
4.0	157	14	11	19	



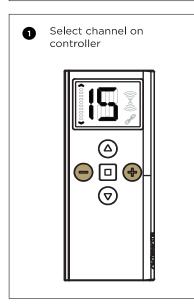
MOTOR PROGRAMMING

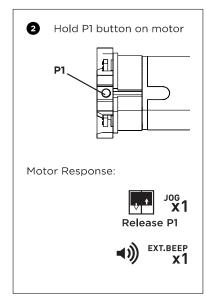


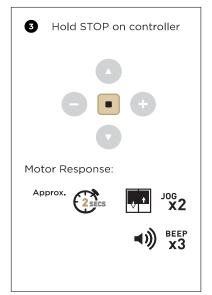
Scan this QR code to download FT Motor programming instructions



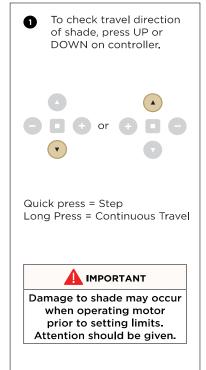
Scan this QR code to watch our FT Motor programming guide

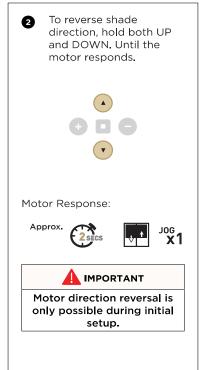






CHECK FOR MOTOR DIRECTION

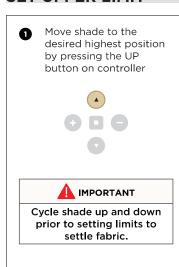


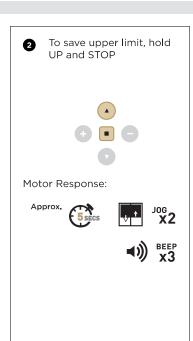


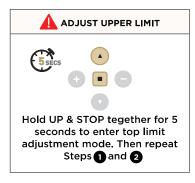


SECTION G | APPENDIX

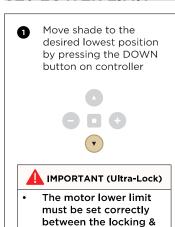
SET UPPER LIMIT



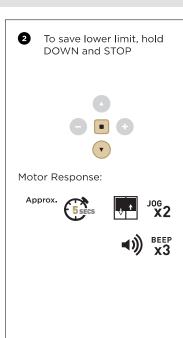


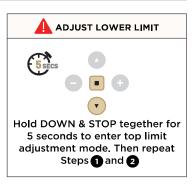


SET LOWER LIMIT



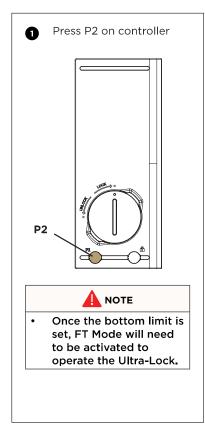
unlocking position.
Jog the motor down to find the lock position (Jog until you hear BOTH pins click), then set the lower limit.

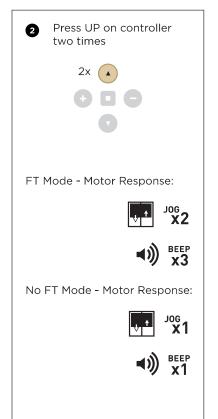






ACTIVATE FABRIC TENSION MODE (FOR ULTRA-LOCK)





ULTRA LOCK OPERATION



Press DOWN on the controller. The motor will lower the weight bar to the set bottom limit, then automatically tension the fabric.



UNLOCK

Press UP on the controller. The motor will lower the weight bar past the bottom limit to unlock, then raise the weight bar, continuing to the upper limit.





A IMPORTANT

Make sure that the FT mode is turned ON while locking and unlocking the blind.

SECTION G | DOCUMENT CHANGE NOTES

REVISION	CHANGES
v5.0 September 2023	Combined Zipscreen & Zipscreen Extreme Manuals. Updates throughout relating to Zipscreen Top Hardware upgrade.
v5.1 February 2024	Clarified spring installation notes.

