cirruscreens

MOUNTING INSTRUCTIONS FOR

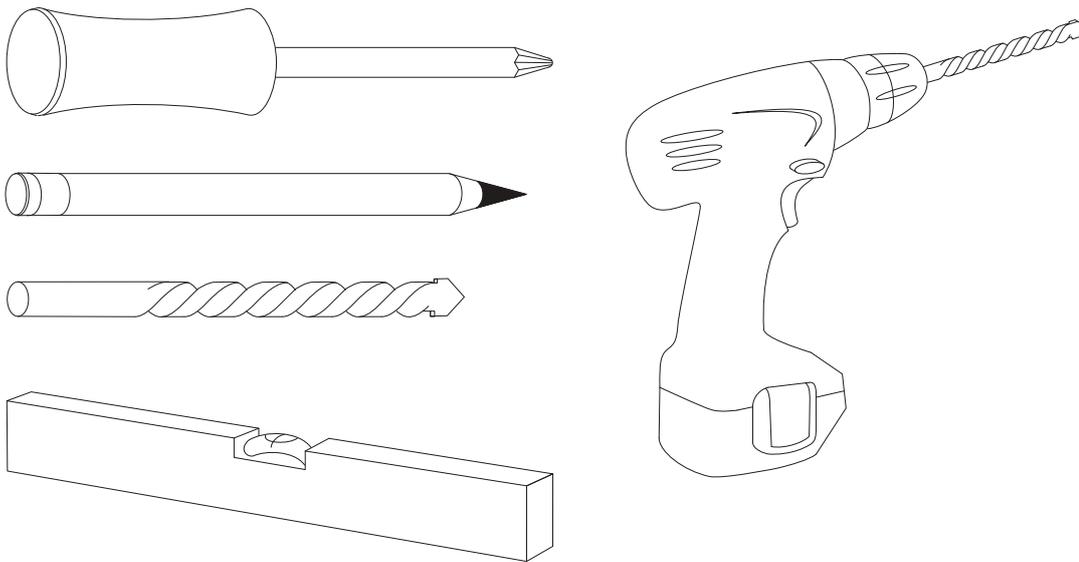# Arcus G3

Projection Screens

part list

X2

A

X2

B

RF Remote

X8

D

X8

E

X6

F

RJ-12 control cable (5m)
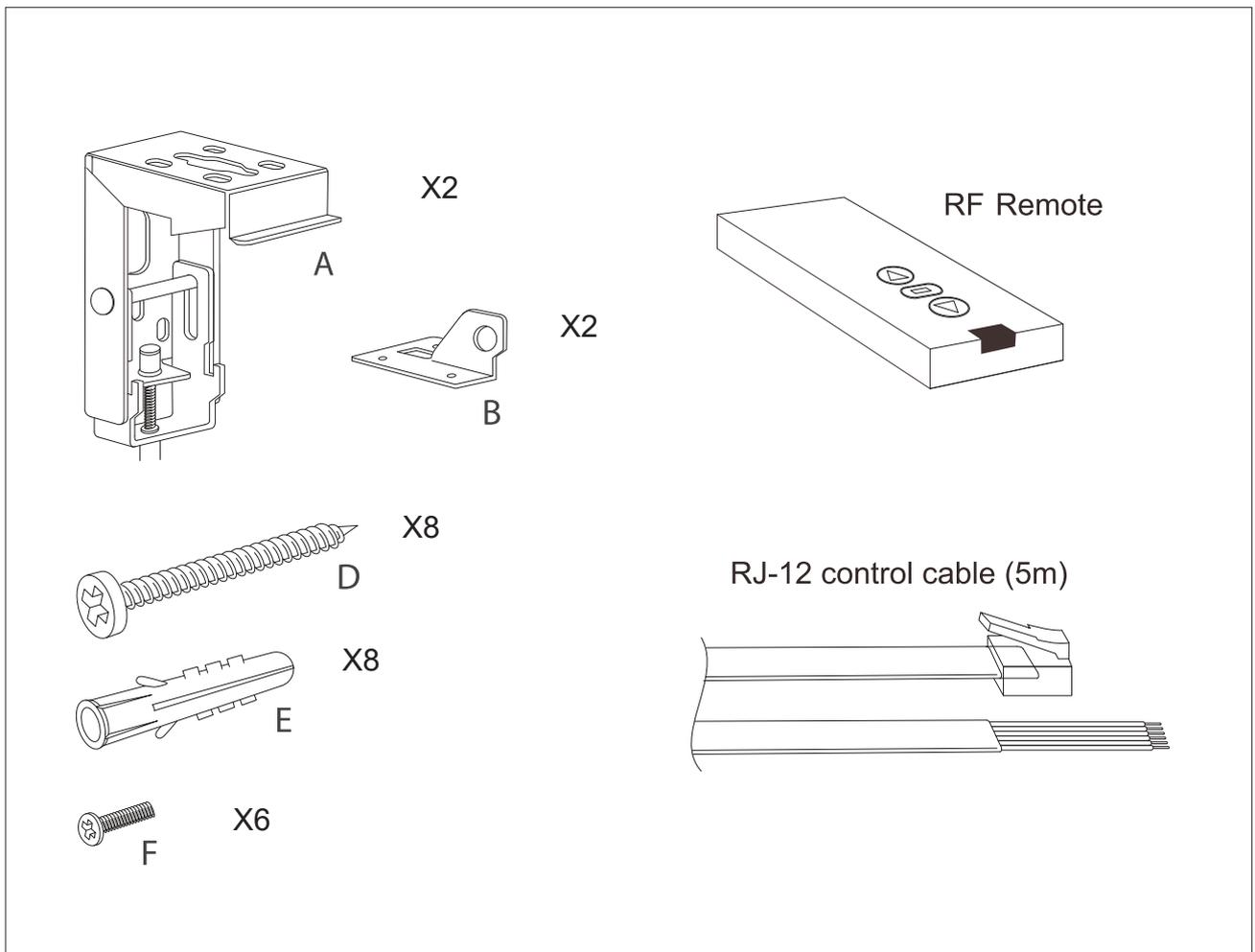
After installation please store instructions for future reference

tools required

IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to or near rain or moisture

1.Read and follow all instructions and warnings in this manual. Keep for future reference.

2.Do not use this apparatus near water.

3.Clean only with a dry cloth

4.Do not block ventilation openings. Install according to manufacturer's instructions.

5.Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.

6.Do not override the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades-one wider than the other. A grounding type plug has tow blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

7.Protect the power cord from being walked on or pinched particularly at plug, receptacles, and the point where it exits from the apparatus.

8.Only use attachments/accessories specified by the manufacturer.

9.Unplug this apparatus during lighting storms or when unused for long periods of time.

10.Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

11.Do not expose this equipment to dripping or splashing, ensure that no objects filled with liquids, such as vases, are placed on the equipment.

12.To completely disconnect this equipment from the AC mains, disconnect the power supply cord plug from the AC receptacle.

13. To avoid overheating the motor, do not continually retract and lower the screen for over 3 minutes or more than 6 times. If the motor overheats a thermal cut out will automatically cut the motors power. The motor will then require a cool down time of approximately 3 minutes until the Screen will work again

TROUBLESHOOTING

Since the screens are designed for function trouble-free from years of enjoyment
Most problems that occur are due to simple issues. If you have trouble, Please check
the list of simple fixes below.If the problem persists,please contact your authorized
dealer.

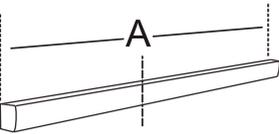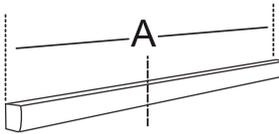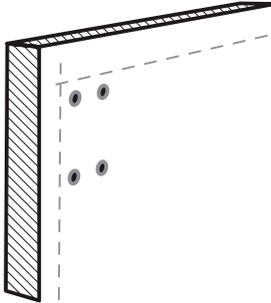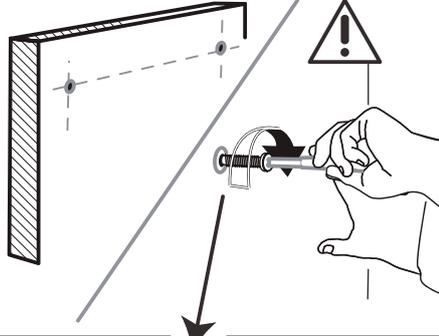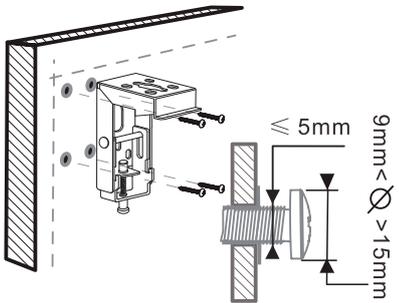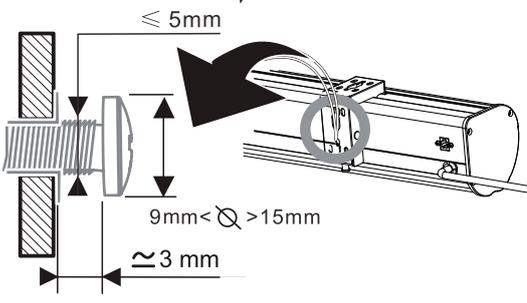|	
Screen does not react to any control	● Power cable to the film screen is incorrectly connected or plugged into an outlet that does not have power. ● Check connections and verify power on the outlet ● Check control method selected(IR or low voltage) and try an alternate method
Screen goes lower than desired or does not rectract far enough	● Adjust the up and down limit as described
IR/RF does not work	● Check the batteries in the IR/RF remote that you are using ● Ensure that you are within range of the remote being used. The factory remote will work at a distance of up to 8m/30m most situations. ● Ensure that the connector for the Tab IR sensor is fully seated if that is the method you are using and that the IR emitter you are using (if applicable) is wired and operating properly. ● If you have chose to "hard-wire" the IR connection into a RJ-11 connector, be sure that you have the appropriate wires on the correct pins, as described in the RS232 control section.

Cleaning and Maintenance

1. Do not clean the Screen case with water. Use a dry cloth and keep clear of dust and dirt on regular occasions
2. To clean the screen material, use warm soapy water only-never use chemicals or abrasives as this will damage the surface of the material which in turn will affect the viewing quality of your screen.
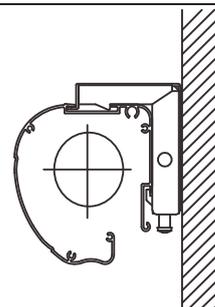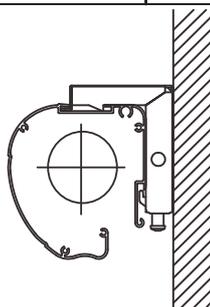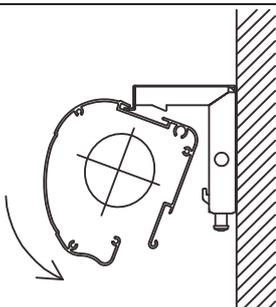
According to the surface of installation, choose the appropriate screws needed for mounting(Use Mounting Screws for wood surfaces,use Mounting Screws and Concrete Anchors for conrete surfaces). It has four installation ways for the screen, choose the installation way that works for you.

Installation

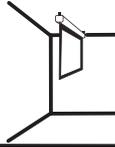|	Wall + Ceiling	Ceiling
1	A	A
2	x8 On wall D / x8 On ceiling D	x8 D On ceiling
3		
4	≤ 5mm 9mm<∅>15mm	≤ 5mm 9mm<∅>15mm

Installation

Wall

Wall

① ②

A

A

x8

D

On wall

x2

D

On wall

③
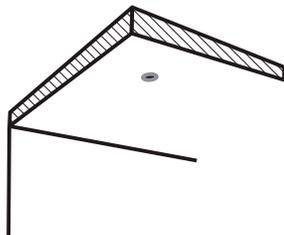
④

≤ 5mm

9mm< ∅ >15mm

≤ 5mm

9mm< ∅ >15mm

≃ 3 mm

Installation

Semi-suspended

Suspended

1

A

2

On ceiling

x2

D

3

Ø 8 mm

4
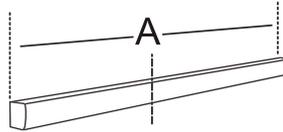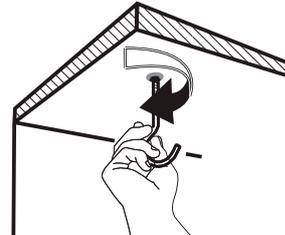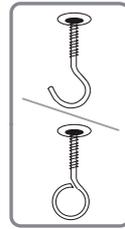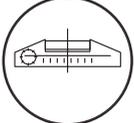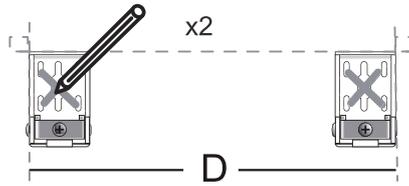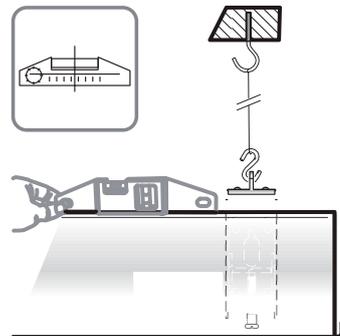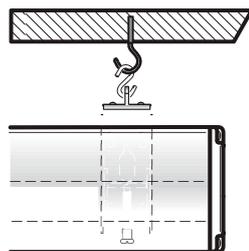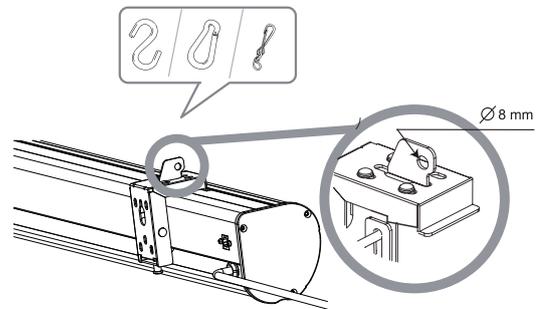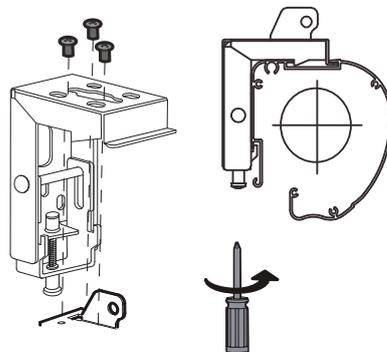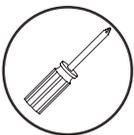
Power connection

①
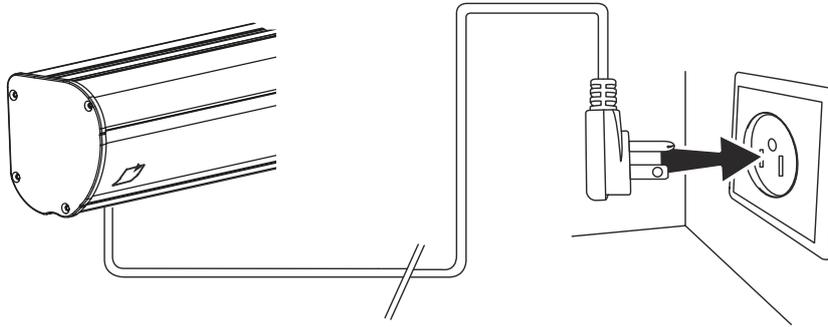
Control methods

Manual Control

Manual Control Switch
(recycle)

External control (RS232)

RJ12

Control Unit Provided by
others i.e(Crestron, AMX)

RS232 sequences (Hexadecimal)

Pinout

1 2 3 4 5 6

3

5

5

6

RJ12

DB-9

RF/IR Control

LED remote controller

signal instruction light

UP

STOP

DOWN

IR window

IR remote

RF remote
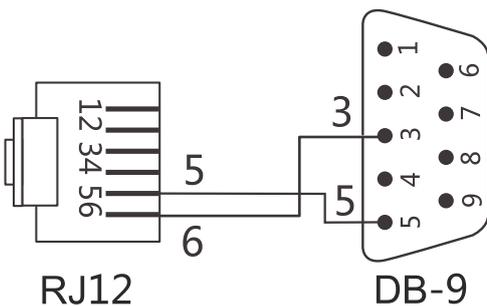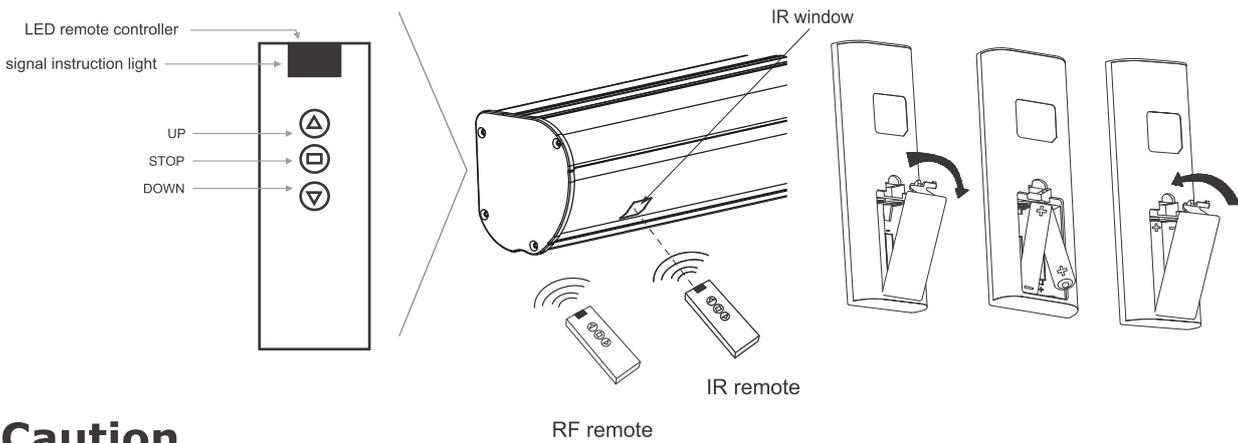
Caution

- Controller will work within 8meters(IR) /30meters(RF) from the screen.
- The controller will not work if the signal is covered by something. (IR)
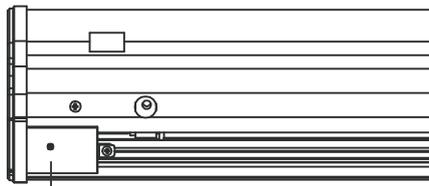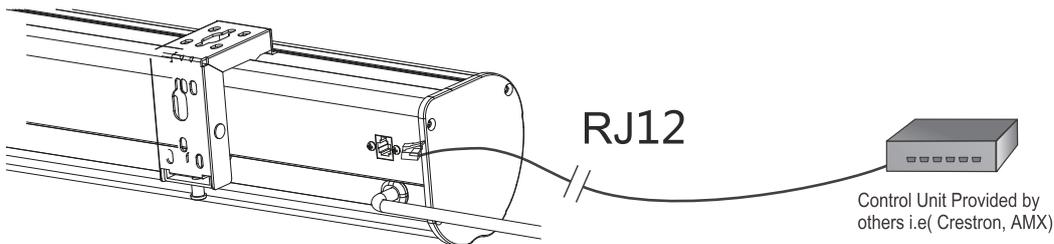- Keep the controller away from high temperature and humidity.
- Please change the battery when the signal is low.
- Please remove the battery from the remote control when the controller is not being used for a long time.
- Please use the same type of battery as originally supplied.

RS 232 Central control wiring and setting information
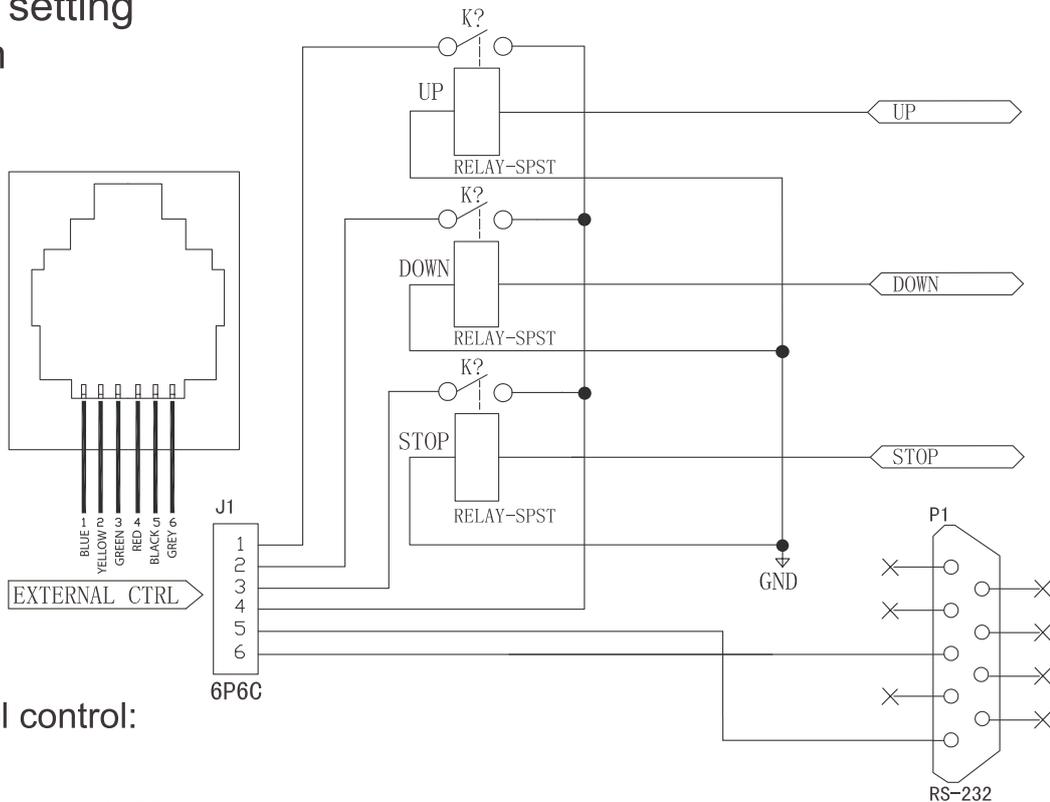
RS 232 central control:

RS232 setting 1 Baud rate: 2400
2 data: 8 codes
4 start: 1
5 stop: 1

For up:	0xFF,0xEE,0xEE,0xEE,0xDD
For down:	0xFF,0xEE,0xEE,0xEE,0xEE
For stop:	0xFF,0xEE,0xEE,0xEE,0xCC

IR code

For "UP":	0xD2,0x01,0xEE,0xC1
For "STOP":	0xD1,0x01,0xCC,0x9E
For "DOWN":	0xD0,0x81,0xDD,0x2E

Adjusting the screen length limits
We only recommend the experienced AV installer to undertake below procedures:

Downwards

Ensure that the screen is in the CLOSED
Stand in reach of the screen while holding the RF remote.
Press the DOWN button of the RF remote, when the screen goes down about to the desired position, press the adjustment button.
Press the adjustment button repeatedly until the screen reaches the desired position.
Press the UP button of the RF remote to save the settings.

Upwards

Ensure that the screen is in the OPENED
Stand in reach of the screen while holding the RF remote.
Press the UP button of the RF remote, when the screen goes up about to the desired position, press the adjustment button.
Press the adjustment button repeatedly until the screen reaches the desired position.
Press the DOWN button of the RF remote to save the settings.

CAUTION: To avoid the bottom bar from going too far into the casing, please follow the above procedures with strict accordance.

It is the responsibility of the installer to verify drop and retraction limit controls. We only recommend that experienced AV installers adjust the motor limits of the projection screen.
The upper limit should never be adjusted - it controls the point at which the screen stops retracting into the case and is factory-set to flush.
Improperly adjusting the limits of the motor will cause damage to the screen and motor and will void all warranty.
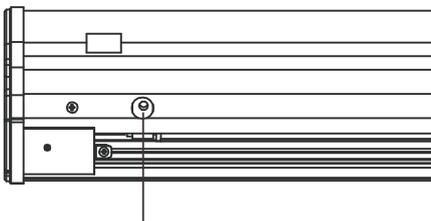
Motor Limit Adjustment Button

Please remove the grommet before making the adjustment.