

# Veil Tracks

## Installation Instructions

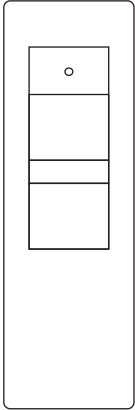
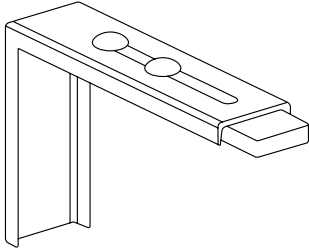
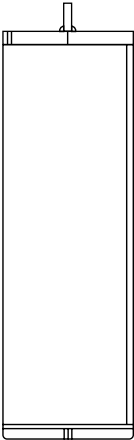
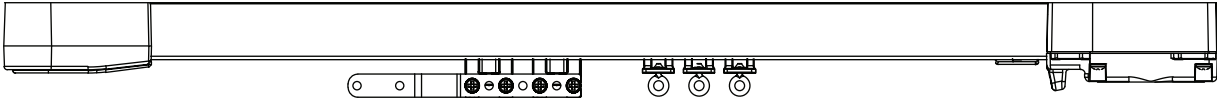


INSTALLERS: Please leave this manual with the owner.

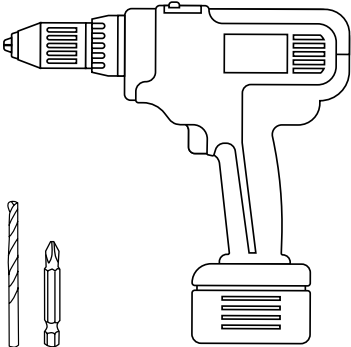
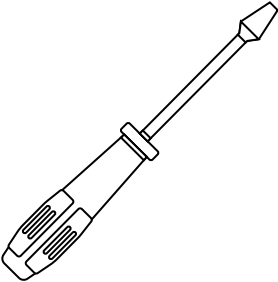
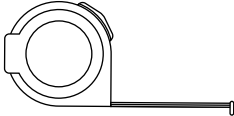




# PARTS LIST - VEIL TRACKS

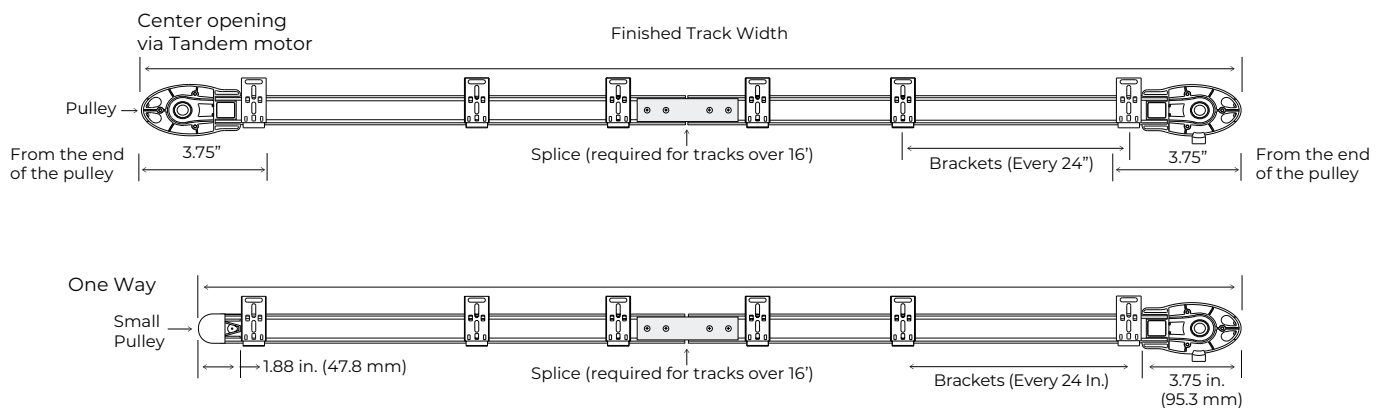
<div><div>Installation Remotes (1 per RTS shade)</div><div></div><div>Included remotes form factor may vary, however functionality and performance is consistent.</div></div>	<div><div>Mounting brackets (type depend on your order)</div><div></div><div>Wood screws Included</div></div>	<div><div>Motor</div><div></div></div>
<div><div>Track(s) - Tracks under 16' are fully assembled</div><div></div><div>Note: Track above 16' in length or ordered spliced to save on shipping, will need to be connected in the field.</div></div>		

## TOOLS NEEDED

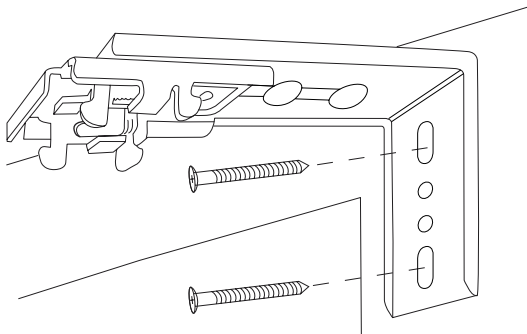
<div><div>Drill with 1/8" bit &amp; a Phillips bit</div><div></div></div>	<div><div>Phillips screwdriver</div><div></div></div>	<div><div>Tape Measure</div><div></div></div>
--	--	--

# INSTALLATION - BRACKETS (STRAIGHT TRACK)

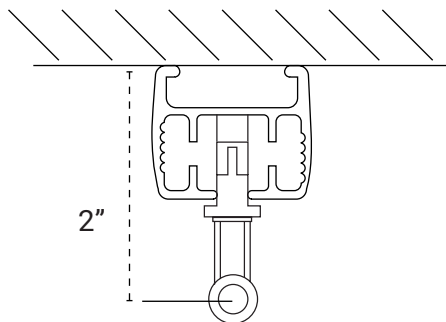
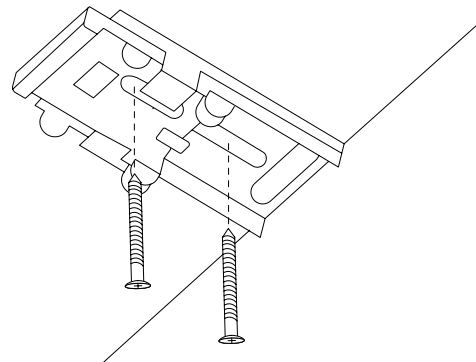
1. Install wall mount brackets above the opening, we recommend 1 bracket by each pulley and 1 bracket every 24 in. When spliced, remove the belt fork from each track then slightly unscrew the 4 screws in the connection plate. Now slide the connection plate into the tracks so that it is centred between the 2 spliced tracks. Tighten the 4 screws, starting with the outside first. One bracket should be placed on each side of a splice.



## Wall Mounting



## Ceiling Mounting

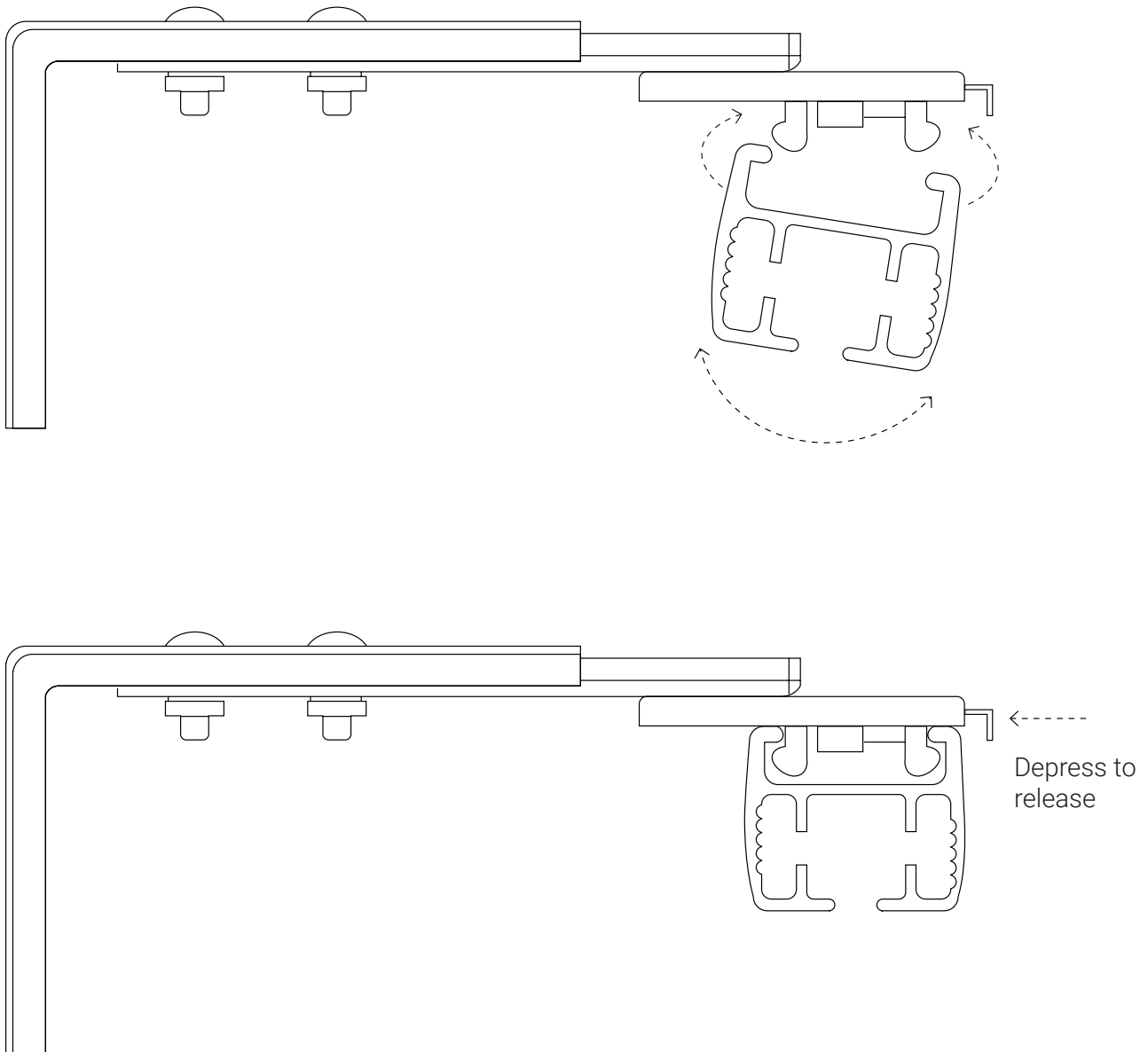


When determining the correct mounting height, note that the carrier attachment eye is centered approximately 2" below the top of the track

**Note:** Double Wall Mount brackets also available for dual track draperies or to extend a single track further from the wall.

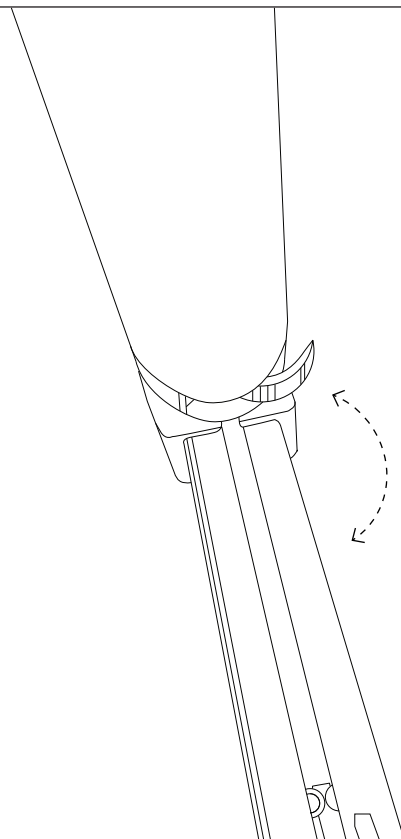
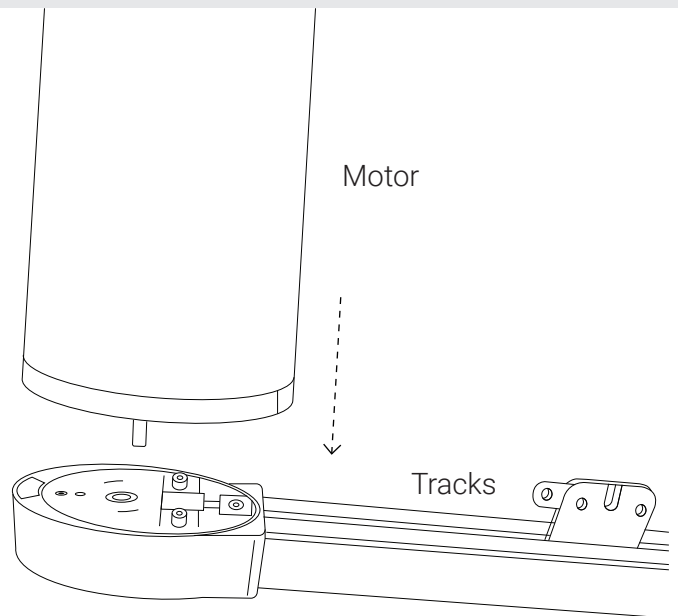
# INSTALLATION - TRACKS

2. Once the brackets are in place the track is attached by engaging the back row of bracket hooks and pivoting the track past the spring-loaded front hooks. If needed, the hooks can be retracted by pressing the release tab



# INSTALLATION - MOTOR ATTACHMENT

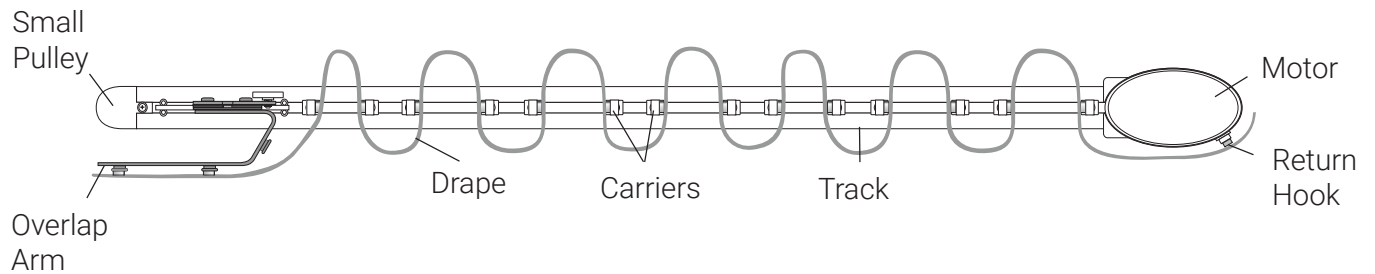
3. Adjust the sliding motor lock to the left or open position. Insert the motor drive shaft into the drive pulley and orientate so the motor and drive pulley are in alignment. Adjust the sliding motor lock to the right to secure the motor in place, you may need to gently twist the motor to fully engage the sliding motor lock.



Slide Locking button left to unlock, and right to lock.

# INSTALLATION - ATTACHING FABRIC

1. The illustration below shows, the fabric being attached to the overlapped arm, routed through the carriers and finally attaching to the return hook.



**Note: Contact SI Design Services for more help on fabric mounting methods. Scan the QR code here to view a short video with additional details.**

# SETTING LIMITS

Each Veil drape includes an RTS installation remote, **regardless** of the control type you select, except Zigbee 3.0 (refer to TaHoma app for settings limits for Zigbee). This remote is used to adjust limits and “My” preset and program group controls.

**Note: SI only supports using this method. SI technical support and these instructions are only written for this method.**

**Note: Do not insert any Control card into the motor until all the RTS limits have been set.**

## PROGRAMMING STEPS (must follow in order)

Step 1: Move fabric to fully open position.

Step 2: Attach motor and apply power.

Step 3: Set remote into programming mode by holding the up and down buttons until the motor jogs.


Step 4: Briefly press up or down and the motor will **automatically** find its limits.

Step 5: Once the motor stops moving, press the up or down button to send the motor to one of its limits.

Step 6: If the rotation direction is correct with the button, move to the next step. If the rotation direction is incorrect, hold the “My” button until the motor jogs once.

Step 7: Finally briefly press the programming button at the back of the remote, the motor will jog, this will permanently save the limits.

 **Warning: Do not attempt to use any installation remote until all the drapes are installed.**

 **Warning: Only 1 motor should be powered on and initially programmed to keep from accidentally pairing several motors to a single remote control.**

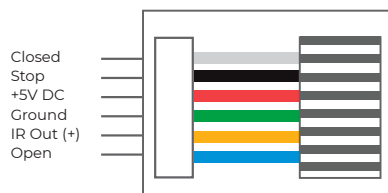


# CONTROL WIRING

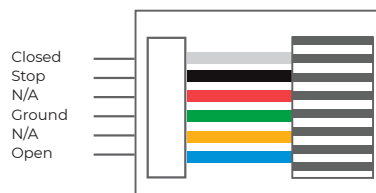
Refer to this table for your control options, pinouts and connections.

	Irismo35	Irismo45	Glydea Ultra 35/60
Power type	Low Voltage (24V DC)	Lithium (12V DC)	Line Voltage (110V AC)
RTS	Primary control via included RTS receiver	Primary control via included RTS receiver	Primary control via included RTS receiver
DCT	Additional / redudant control via included RJ11 wired connection, Pinout A	N/A	Additional / redudant control via included RJ11 wired connection, Pinout B
IR	Additional / redudant control via optional IR receiver/ IR remote to RJ11 wired connection, Pinout A	N/A	Additional / redudant control via optional IR receiver/ IR remote to RJ11 wired connection, Pinout B
485	Additional / redudant control via optional one-way 485 dongle, Pinout C.	N/A	Additional / redudant control via optional two-way 485 card, Pinout C.
Zigbee 3.0	N/A	N/A	Zigbee 3.0 Glydea does not support IR, DCT, RTS or 485. Limits are set in the TaHoma app only.

**DCT RJ11 Pinout A**

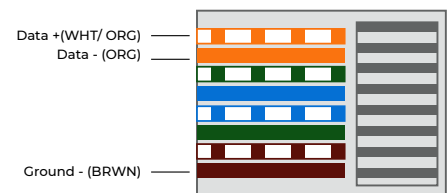


**DCT RJ11 Pinout B**



**485 port Pinout C**

SDN (485) connection



**Upto 200' max. CAT 5e or better**

**Note:** All additional/redudant control options shown above can all be used at the same time. For example, you can use both The RTS control and the optional two-way 485 control with the same motor.

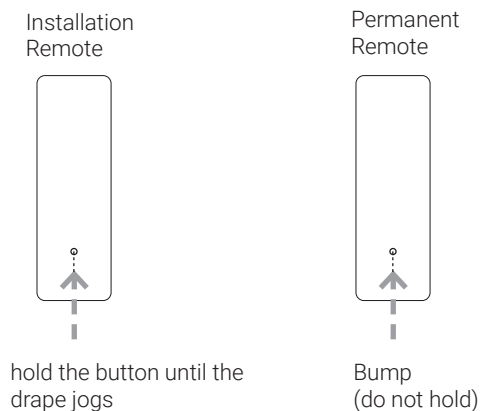
# PROGRAMMING - RTS

## Assign drapes to groups :

Next, program group controls. To pair with a permanent transmitter such as a multichannel Telis or DecoFlex, follow these steps.

1. Press and hold the program button on the back of the installation remote until the drape jogs.
2. Select the channel where you want to create a group, then bump (do not hold down) the program button on the back of the remote - the drape will jog.
3. Both remotes now control the drape.
4. Continue doing this with each drape until all drapes are programmed in the desired groups.

**NOTE: Each RTS motor can be paired with 12 unique transmitters.**



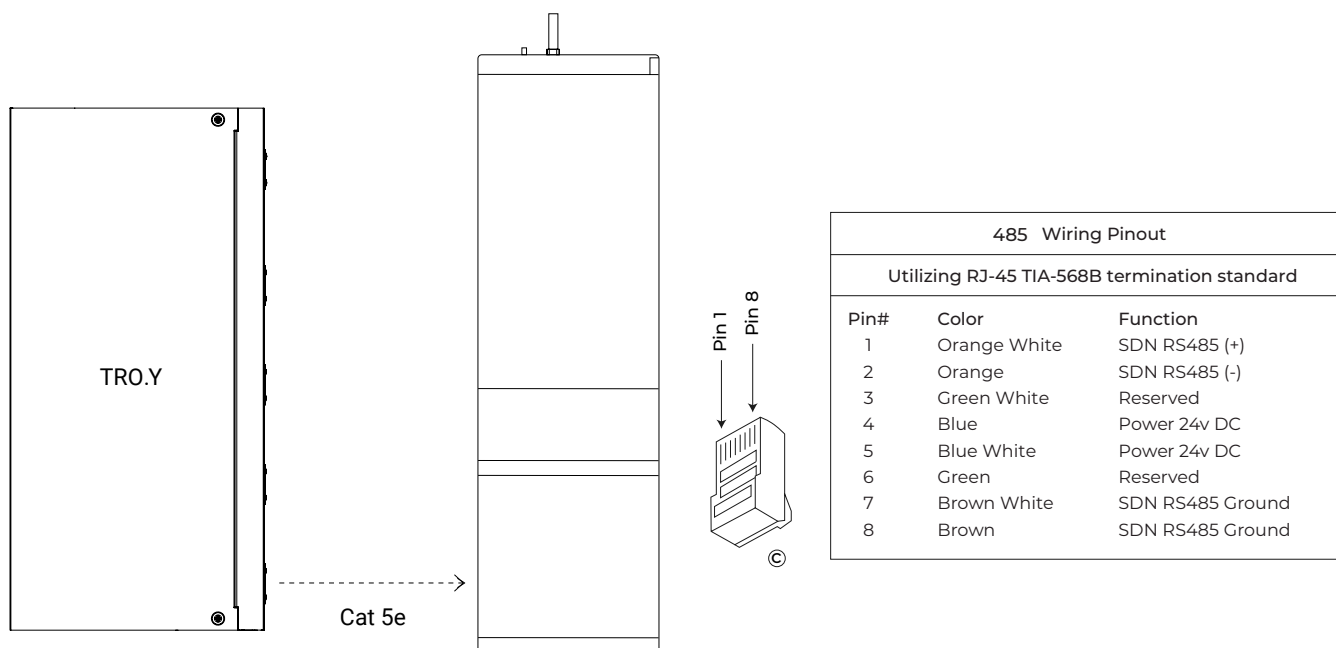
## Pair Groups to control system (Link ProZ, TaHoma) :

1. Download the TaHoma app.
2. Pair the grouped drapes with Link ProZ or TaHoma according to the instructions in the TaHoma app.

# PROGRAMMING - 485

1. Make your connections as shown below.
2. Then apply to your Low-Voltage power supply or AC voltage motor.
3. Connect TRO.Y to a PoE port on your switch or use the included PoE injector.
4. Using a web browser enter the IP address of TRO.Y and click on the Integration table.
5. Select the device table and click 485 Discovery. Once your motor has been found, click Import.
6. Name the motor and adjust Integration ID as needed. Then commit, the Integration table to TRO.Y.
7. The 3rd party Integration is complete. Motor can now be controlled using the Integration ID.

For a complete instructions for TRO.Y scan this QR code, or use this link  
<https://si-website-files.s3.amazonaws.com/Downloads/Programming+Guides/Shade/troy-programming-guide.pdf>



**NOTE:** The configuration and test modes are not available for drapery motors.

# PROGRAMMING - ZIGBEE

## PROGRAMMING STEPS

**(TaHoma/LinkPro Z must be plugged in and on the network)**

1. Step 1: Pair each drape with TaHoma app.
2. Step 2: Assign drapes to groups and remotes.
3. Step 3: Pair devices and groups with remotes.

### STEP 1 - Pair each drape with TaHoma app:

1. In the TaHoma app, press Add a device.
2. Select Zigbee, if this is 1st motor on the system, read the note and press "OK I understand".
3. Scan the QR code, located on the Zigbee card, installed in the bottom of the motor.
4. Once the gateway identifies the motor, name it by tapping "undefined", entering the name and pressing OK to save the name.
5. Review the information related to the device and press "Next step".
6. Verify if the name of the motor is correct and then press "Finish".

### STEP 2 - Assign drapes to groups:

All grouping of devices is completed within the TaHoma application:

1. Open the TaHoma application and navigate to the configuration tab.
2. Press the + symbol in the upper right corner.
3. Choose the Zigbee device type.
4. Select "Add Zigbee Group".
5. Label the group.
6. Select the devices you would like to be included in this group.


### STEP 3 - Pair devices or groups with a remote:

All pairing of devices and groups to remotes is completed within the TaHoma application. In order to pair more than one shade to a channel, a group must be created first.

1. Open the TaHoma application and navigate to the configuration tab.
2. Press the chain/link button next to the remote being configured.
3. Select the shade or group to pair from the list and deselect any other devices.
4. Quick press the programming button on the back of the remote and click OK in the application to confirm.

Problem	Possible Cause	Action to Take
<b>For 485</b>		
Drapes won't operate.	Motor is not powered.	Please check AC connection, verify motor is plugged .
	Incorrect or poor cable termination.	Check the wire pinouts and termination. Look for broken, loose, or damaged wires. Reterminate if necessary.
	TRO.Y is not powered.	To verify the TRO.Y is powered look for a Red LED on the face. If no light is visible make sure power is available via the PoE injector or check the power of your PoE switch.
	TRO.Y is not on the local network.	Use the service keypad (if available) to validate the 485 network and motors are operating properly before troubleshootingTRO.Y network problems. Check that the TRO.Y is communicating on the local network. Ping the device via the windows command prompt, or make sure the device shows up in the network tab of the Windows File Explorer. Check TRO.Y instructions for more details

<b>For RTS</b>		
Drapes won't operate.	Remote button presses are too short.	When operating an RTS remote hold the buttons down for at least 2 seconds.
	The remote is being used out of range.	Move within 30ft. of the shade. If the issue persists, adjust the antenna to a new position, and make sure the antenna does not touch metal.
	The remote battery is out of place or drained.	Check that the red LED on the remote flashes when buttons are pressed. On the installation remote, pry off the back by hand and ensure the battery is fully seated in the battery tray. If the remote remains unresponsive, replace the battery with a CR2430 3V lithium cell.

Problem	Possible Cause	Action to Take
<b>For Zigbee</b>		
TaHoma LED is Red.	No internet connectivity.	Check network connection to the internet, and ensure the TaHoma is properly connected via ethernet.
TaHoma LED is OFF.	No power.	Check if the USB dongle is properly seated into TaHoma.  Check the USB is connected to the included power supply and that the AC is on.
 <p>Please use this QR Code to access the updated installation instructions and related documents.</p>		<p><b>Technical Support:</b> 512.832.6939   <a href="https://screeninnovations.com">screeninnovations.com</a></p> <p><b>Hours of Support:</b> 7:30am - 5pm CST   <a href="mailto:support@screeninnovations.com">support@screeninnovations.com</a></p>

# CONTROL ACCESSORIES

	<b>Irismo35</b> <b>Glydea Ultra 35/60</b>	<b>Irismo45</b>
	<b>Low Voltage (24V DC)</b>	<b>Lithium (12V DC)</b>
<b>Included controls</b>	Handheld Telis RTS remote	Handheld Telis RTS remote
<b>Optional handheld controls</b>	Telis Solaris RTS Pure Decoflex wirefree tabletop Telis 1/4 RTS Pure Telis 1/4 RTS Patio Telis 1/4 RTS Silver Telis 1/4 RTS Lounge Telis 16 RTS Pure/Silver Veil IR Remote kit	Telis Solaris RTS Pure Decoflex wirefree tabletop Telis 1/4 RTS Pure Telis 1/4 RTS Patio Telis 1/4 RTS Silver Telis 1/4 RTS Lounge Telis 16 RTS Pure/Silver
<b>Optional keypads</b>	Decoflex wirefree 1 - 5 channel Smoove 1/4 RTS Pure SDN Decoflex 8 button Fontus keypad (with Fontus kits)	Decoflex wirefree 1 - 5 channel Smoove 1/4 RTS Pure
<b>Optional IP controls</b>	TaHoma Link ProZ TRO.Y	TaHoma Link ProZ TRO.Y
<b>Optional infrastructure</b>	Janus Fontus RTS Repeater Connect Somfy Data Hub 0 -10V interface Smart Plug Smart Light Switch Smart Outlet Smart Outdoor Plug	RTS Repeater Connect
<b>Note: The optional items above, may require additional RTS, 485 or Zigbee components to work together. Consult SI Design Services for further assistance at 512.832.6939.</b>		







**Screen Innovations**

9715-B Burnet Rd, Suite 400 Austin, TX 78758

512.832.6939

[www.screeninnovations.com](http://www.screeninnovations.com)