Nano Duo

Installation Instructions

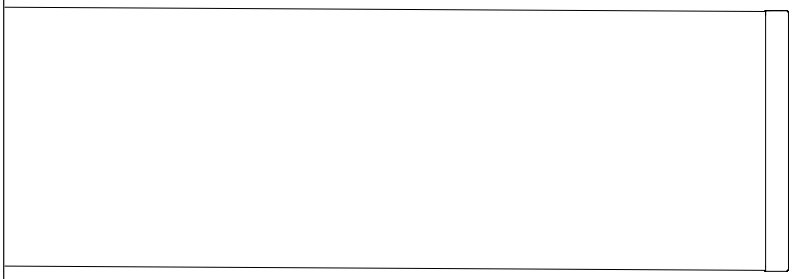
Wirefree Zigbee

INSTALLERS: Please leave this manual with the owner.

Doc. # 400108

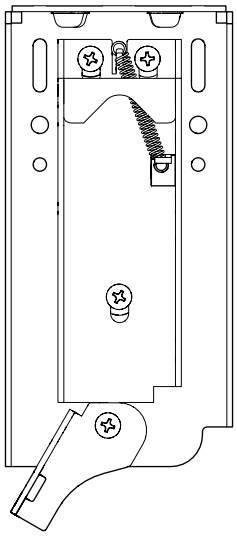
PARTS LIST - NANO DUO - WIREFREE - ZIGBEE

Shades



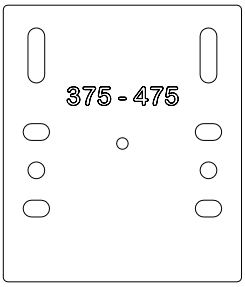
Please note all the QR Codes on your Shade motors.
See the last page on these instructions.

Wall Brackets (2)



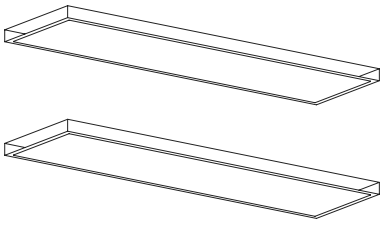
Screws Included
(3 per Bracket)

Spacer Blocks (optional - 4 per shade)



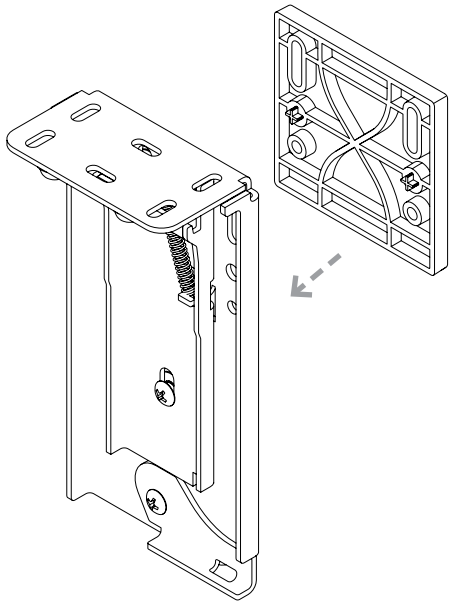
Longer Screws Included

Leveling Shims
(4 per shade)



SPACER BLOCKS AND LEVELING SHIMS (OPTIONAL)

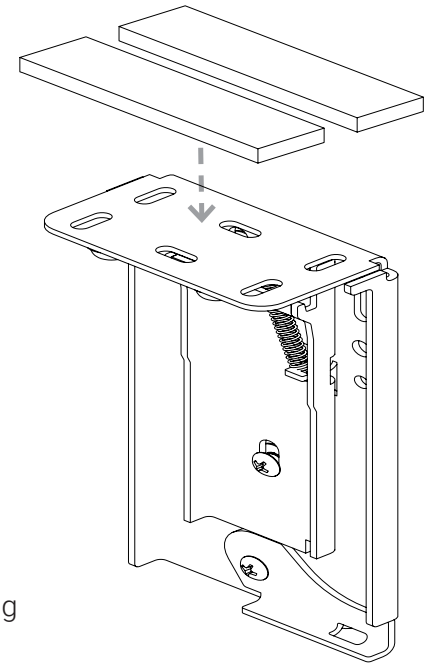
Spacer Blocks - used to clear an obstruction in the fabric path.



Connect spacer blocks to shade brackets before installation.

Note: Do not use more than 4 spacer blocks per bracket.

Leveling Shims - used if the window frame is out of level.

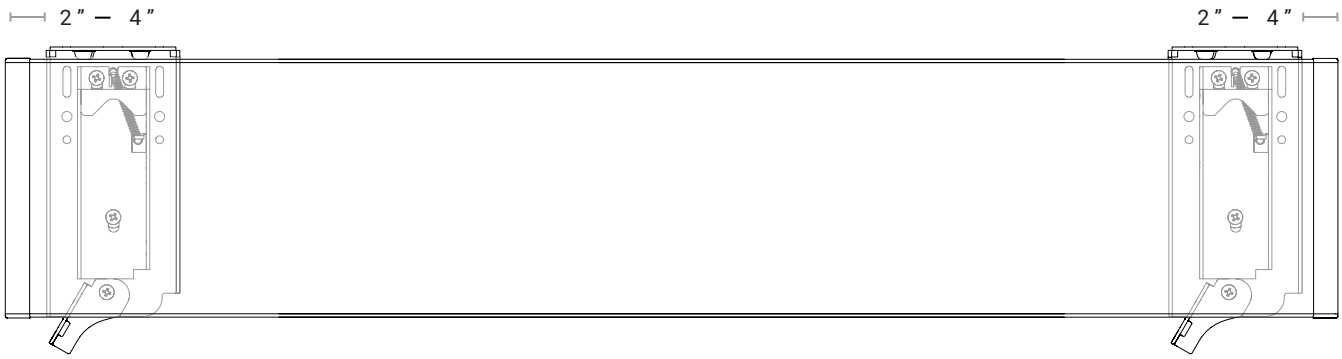


Connect to shade brackets before installation

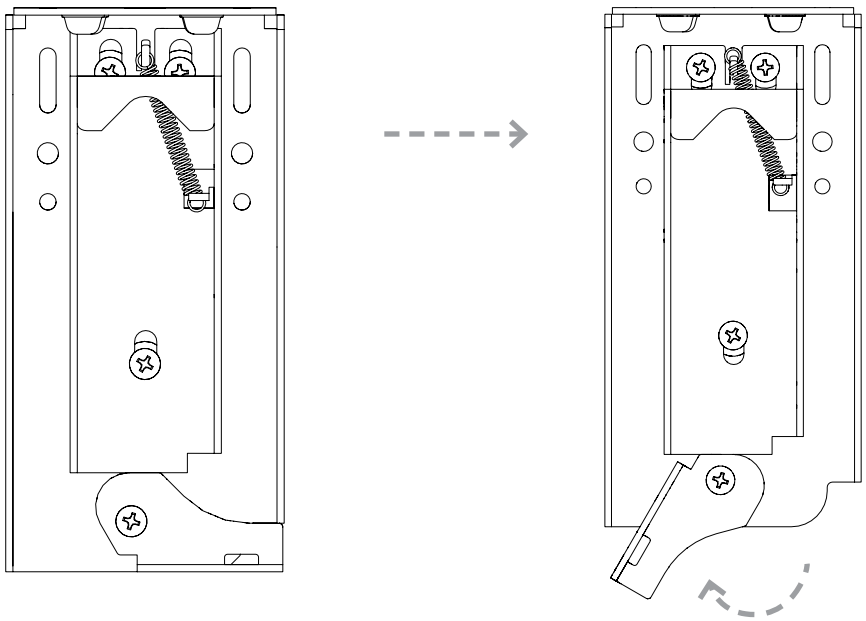
Note: do not use more than 2 leveling shims per bracket.

INSTALLATION - NANO DUO - WIREFREE - ZIGBEE

1. Install the wall brackets 2”- 4” from the end of the shade with the supplied screws.



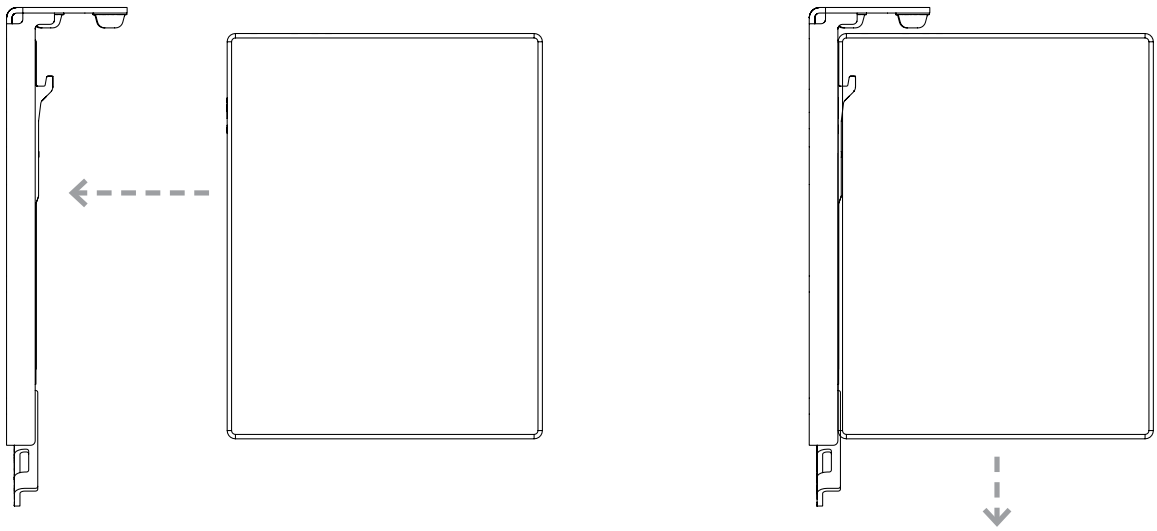
2. Make sure the wall bracket lever is down (may already be down).



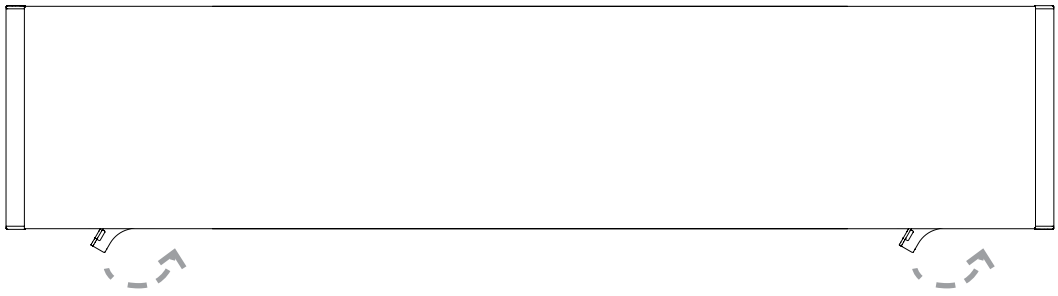
Proper position for installing Box

INSTALLATION - NANO DUO - WIREFREE - ZIGBEE

3. Hang shade onto wall brackets and center in opening.



4. Use thumb to lock shade in place



PROGRAMMING - ZIGBEE

PROGRAMMING STEPS
(TaHoma/LinkPro Z must be plugged in and on the network)
Step 1: Fine tune lower limit.
Step 2: Assign shades to groups and remotes.
Step 3: Pair devices and groups with remotes.

The lower limit of every shade is preprogrammed to 1/2" from the bottom of the window. After installing each shade, follow these steps to adjust the lower limit:

STEP 1 - Fine tuning lower limit :

1. Click on the 3 dots in the lower right hand corner of the TaHoma app.
   Note: You may see a pop-up warning window which could damage the shade.
2. In settings click on advanced settings.
3. Select the shade you want to set the limits to.
4. You only want to select and adjust the lower limit.
   Note: Do not set upper limit or change rotation.
5. Press the down button in the app to move the shade to the Factory set lower limit.
6. Click Next.
7. Now make up or down adjustments to shade using the Up / Down increments. Each (button press) adjustment can take a couple seconds, to execute. Once you are satisfied with the new lower limit, press save Limit.

STEP 2 - Assign shades 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.

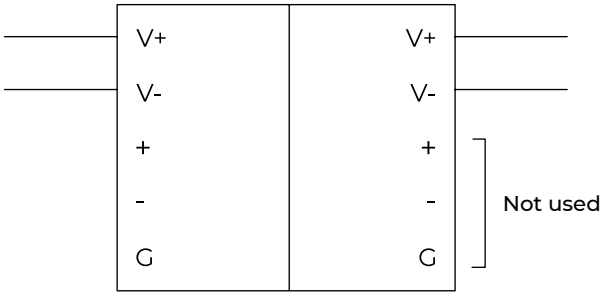
NOTE: Each Zigbee Situo remote channel will be capable of pairing to a group containing up to 20 motors.

WIRING - NANO DUO - ZIGBEE - LOW-VOLTAGE

24v DC

V+ Positive 24vDC

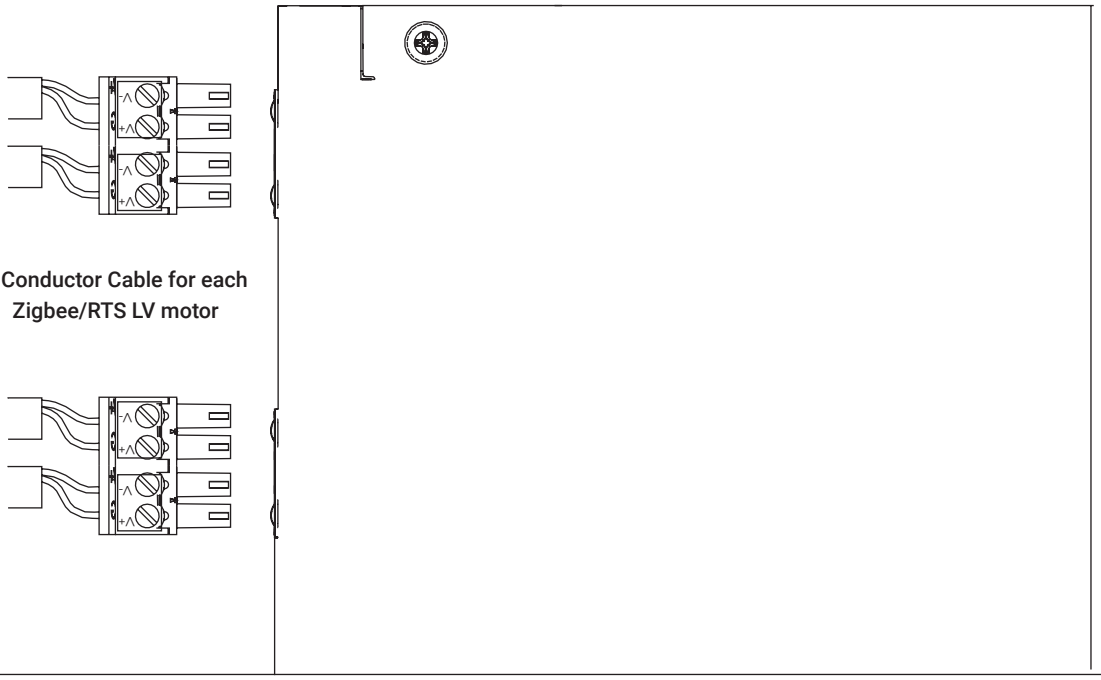
V- Negative 24vDC



For guaranteed motor performance the supplied voltage for 24v motors **must be 24v DC**. See the table below for maximum wire lengths.

Wire Gauge (AWG)	Maximum Supported Wire Length (FT.)
14	250
16	150
18	100

If the motors are powered using a Kartos connect the motors to the “+v” and “-v” ports on the terminal blocks.



2 Conductor Cable for each Zigbee/RTS LV motor

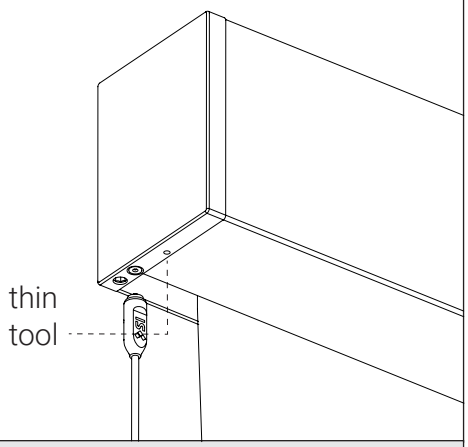
TROUBLESHOOTING - ZIGBEE

Problem	Possible Cause	Action to Take
For Zigbee		
TaHoma LED is Red.	No internet connectivity.	Check network connection to the internet, and ensure the TaHoma is properly connected via ethernet or Wifi.
Shade won't operate.	Motor battery is low/ drained.	Check the battery level of a motor via the TaHoma application. If the battery level is below 20%, the charging cord can be plugged in and the shade will operate while charging.
	The remote battery may be low.	Check that the green LED on the remote flashes when a button is pressed. If the LED does not flash at all, the remote may need a new CR2430 battery.

TROUBLESHOOTING WITH SUPPORT

Duo shades have 2 motors on each side. This image is representation for 1 side. With our Support team guidance, you may be instructed to press the motor programming button using a thin tool (e.g. a paperclip). If instructed, pressing this button for 2 seconds, can take the motor out of delivery mode and will result in 1 jog.

Note: Under no circumstances, should you hold this programming button for more than 2 jogs.



Please use this QR Code to access the updated installation instructions

Technical Support: 512.832.6939
Hours of Support: 7:30am - 5pm CST

screeninnovations.com
shadesupport@screeninnovations.com

NOTES:

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