CURRENT

E-WAND™

Zigbee Certified Wireless Automation

INSTALLATION MANUAL AND USER GUIDE

E-WAND™

Zigbee Certified Wireless Automation

INSTALLATION MANUAL & USER GUIDE

Please carefully and fully read the following Installation Manual and User Guide. Without proper installation and programming, your E-Wand will not perform as designed.

Please save these instructions.

Please be aware that the E-Wand may behave differently based on blind manufacturer, slat size, and tilt mechanism location.

For assistance:

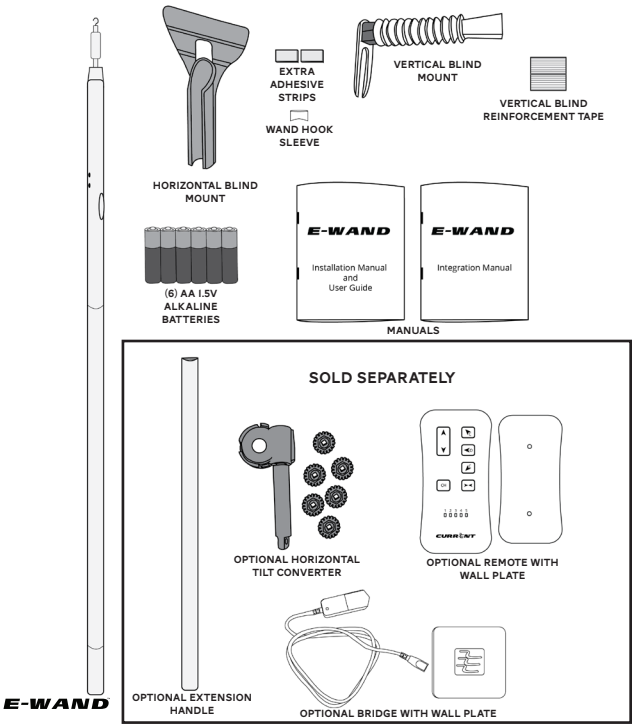
CALL: 844-307-7435
EMAIL: support@currentproductscorp.com
WEBSITE: www.myewand.com/support

Instructional Videos can be viewed by going to www.myewand.com/support or by scanning the QR Code with your smart phone.

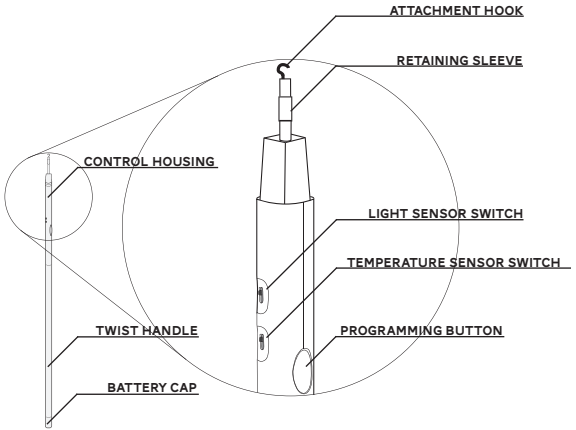
To register your E-Wands, visit www.currentproductscorp.com/product-registration.

TABLE OF CONTENTS

PACKAGE CONTENTS AND PARTS IDENTIFIER



MEET YOUR E-WAND

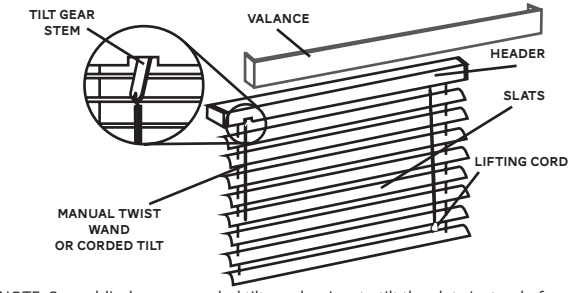


The E-Wand allows the user to motorize the slat tilt for both horizontal and vertical window blinds. Users can fully control the position of an individual blind's slats or a defined group of blind's slats manually with a slight twist of the handle, with the remote, through the MyCurtains app, and using voice control.

Your E-Wand contains both light and temperature sensors for localized automation of the opening and closing of the slats. This automatic movement helps provide privacy at night and can be set to open and close the slats to assist with maintaining a comfortable room temperature and help save energy.

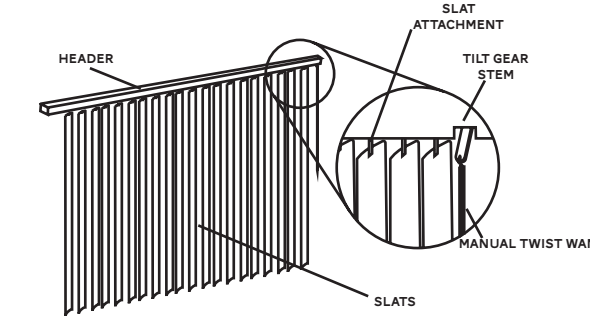
For power, the E-Wand requires six (6) 1.5v Alkaline AA sized batteries (provided) which are easy to replace and will provide, in most cases, approximately a year between battery changes.

HORIZONTAL BLINDS DIAGRAM



NOTE: Some blinds use a corded tilt mechanism to tilt the slats instead of a wand. If your horizontal blinds have a corded tilt mechanism, you will need to convert it to a wand tilt mechanism using the Horizontal Tilt Converter (sold separately). Instructions for converting to a wand tilt mechanism can be found on page 9.

VERTICAL BLINDS DIAGRAM



NOTE: The E-Wand is not compatible with vertical blinds that use a rope or chain to open and close the slats.

MOUNTING & PROGRAMMING THE E-WAND

For further assistance during the installation and programming process, please view our online instructional videos at mywand.com/support, email support@currentproductscorp.com, or call us at 844-307-7435.

I. POWER UP

1. Remove Battery Cap

To install the batteries, unscrew the BATTERY CAP located at the bottom of the E-Wand TWIST HANDLE [Fig. 1.1].

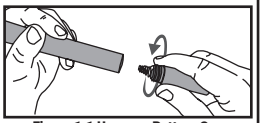


Figure 1.1 Unscrew Battery Cap

2. Install Batteries

Insert the batteries one after the other with the positive (+) side in first [Fig. 1.2]. Once the batteries have been inserted, screw the BATTERY CAP back on to secure.

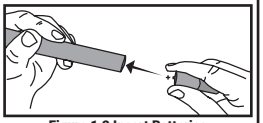


Figure 1.2 Insert Batteries

WARNING: Batteries MUST be installed with the positive end first for the E-Wand to be operable. Installing batteries incorrectly may result in the batteries and tube becoming hot to the touch.

When batteries are properly installed, the E-Wand will play a confirmation tune.

HORIZONTAL BLINDS INSTALLATION & PROGRAMMING

2. CONVERTING A HORIZONTAL CORD TILT BLIND

If your blinds use a wand to tilt the slats, proceed to Installing the E-Wand on Horizontal Blinds on pg. 11.

Some venetian blinds use a cord to tilt the slats instead of a wand. To install the E-Wand to these types of blinds, you must first replace the corded tilt gear installed on your blind with the HORIZONTAL TILT GEAR (sold separately).

You will need to remove your blinds from the window and perform the next steps on a table or other flat surface.

1. Remove the Existing Tilt Mechanism

Remove the existing corded tilt gear from the blind's header. The standard tilt gear assembly is shown in [Fig. 2.1].

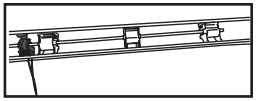


Figure 2.1; Standard Assembly

Remove the tassels by either cutting the cord or removing the knots at the end of the cord [Fig. 2.2].

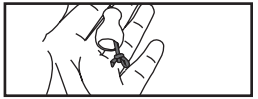


Figure 2.2; Remove Tassels

Typically, the tilt gear is removed by sliding the rod out of the tilt gear, slightly bending the header and lifting the tilt gear out [Fig. 2.3].

Sometimes the rods are retained in place through either a rod pin, crimps or the end brackets. While each manufacturer installs these tilt gears differently, they are relatively easy to remove.

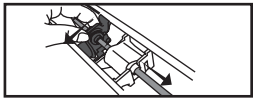


Figure 2.3; Standard Assembly

2. Install the Horizontal Tilt Converter

Determine the size and shape of the rod located in your header.

Locate the ADAPTER from the selection supplied which matches your rod shape and size and snap into the HORIZONTAL TILT GEAR [Fig. 2.4].

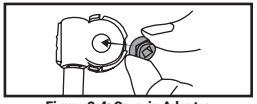


Figure 2.4; Snap in Adapter

Place the HORIZONTAL TILT GEAR'S stem through the opening in the header and slide the rod through the gear to its original position [Fig. 2.5]. If a rod pin or the end brackets were removed while removing the corded tilt gear, replace back into their original position.

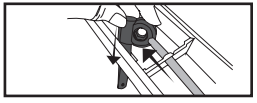


Figure 2.5; Slide Stem through Header

You have now converted your tilt mechanism. You may now proceed to Installing the E-Wand.

3. INSTALLING THE E-WAND ON HORIZONTAL BLINDS

Make sure the blind slats are in the fully open position and the header is free of dirt, grime, and grease. If not, use a household cleaner to clean the header before installation.

Before installing the E-Wand, **make sure you are able to freely tilt your blinds in both directions** by turning the twist wand that originally came with your blinds. If there is significant resistance, you may need to contact your blind manufacturer. **If your blinds utilize a cord to tilt the slats, first follow the "Converting a Corded Tilt Blind" instructions [Pg. 9].**

For this installation you will need:

E-WAND
(6) AA 1.5v ALKALINE BATTERIES
HORIZONTAL BLIND MOUNT
EXTRA ADHESIVE STRIPS
WAND HOOK SLEEVE (if open hook tilt stem)

We recommend having scissors ready for instances where you may need to trim the blind mount.

1. Detach Original Tilt Wand

Move the blind slats to the fully open position, then remove the manual twist wand from the horizontal blinds.

If your blind has an open hook for the original tilt mechanism as opposed to a closed eyelet, slide the plastic WAND HOOK SLEEVE over the tilt hook to cover the hook's gap. Leave enough room for the E-Wand ATTACHMENT HOOK to securely connect [Fig. 3.1].

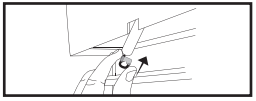


Figure 3.1; Slide Hook Sleeve onto Stem

2. Attach the E-Wand

Mount your E-Wand [Fig. 3.2] by hooking or inserting the slat ATTACHMENT HOOK to your blind's tilt gear stem eyelet.

Carefully push up the plastic RETAINING SLEEVE, [Fig. 3.3]. Rotate the E-Wand until the two SENSOR SWITCHES are in front and facing into the room.

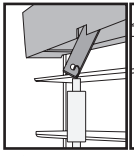


Figure 3.2; Hook Wand onto Tilt Stem

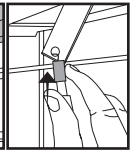


Figure 3.3; Push up Retaining Sleeve

3. Test Fit the Blind Mount

Perform a test fit of the HORIZONTAL BLIND MOUNT by snapping the mount onto the E-Wand [Fig. 3.4]. Slide the mount up or down along the CONTROL HOUSING until your blind's tilt gear stem and the E-Wand ATTACHMENT HOOK can be seen through the cutout in the blind mount. Be sure the bottom of the horizontal blind mount is resting above the two sensor switches [Fig. 3.5].

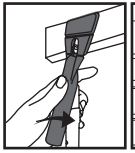


Figure 3.4; Snap on Blind Mount

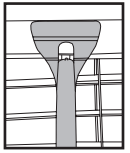


Figure 3.5; Proper Positioning

Verify that the blind mount can rest completely flush to the header [Fig. 3.6] AND that the blind slats resting in the fully open position are not touching the E-Wand [Fig. 3.7].

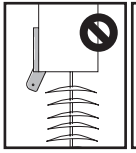


Figure 3.6; Tilt Stem Protrudes from Headrail Preventing a Flush Mount

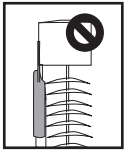


Figure 3.7; Blind Slats Touch E-Wand

Proper positioning will have the E-Wand protrude out slightly to not make contact with the blind slats and have the blind mount make full contact with the headrail [Fig. 3.8 and Fig. 3.9]. If there is a fit issue, proceed to Step 4.

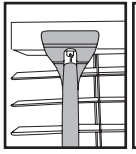


Figure 3.8; Proper positioning without valance

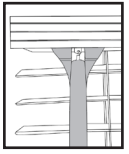


Figure 3.9; Proper positioning with valance

4. Optional - Make Any Necessary Adjustments

The HORIZONTAL BLIND MOUNT must have a secure connection to the header. Based on E-Wand positioning [Fig. 3.6, Fig. 3.7, Fig 3.8 and Fig. 3.9], it may be necessary to add the supplied EXTRA ADHESIVE STRIPS to your blind's header to build the mounting attachment outward [Fig. 3.10].

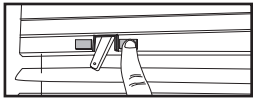


Figure 3.10; (Optional) Build out Header

If the HORIZONTAL BLIND MOUNT extends beyond the top or the side of the blind's header, use scissors to trim the HORIZONTAL BLIND MOUNT to fit [Fig. 3.11]. If you have a valance, make sure the top of the neck of the HORIZONTAL BLIND MOUNT is even with or slightly below the bottom of the valance.

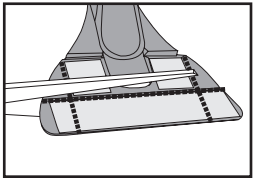


Figure 3.11; (Optional) Trim Blind Mount to Fit

5. Secure Blind Mount

Now that you have determined the final position of the HORIZONTAL BLIND MOUNT, verify the header is clean and dry and that the tube of the HORIZONTAL BLIND MOUNT is snapped into place on the E-Wand, then remove the backing on the adhesive strip [Fig. 3.12] and firmly press to attach it to the blind's header.

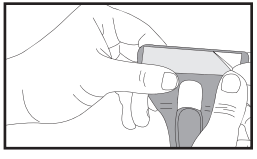


Figure 3.12; Remove Backing from Adhesive Strip to Attach it to Header

You have now completed installing your E-Wand onto Horizontal Blinds.

4. PROGRAMMING E-WAND HORIZONTAL SLAT POSITIONS

You must program the open and close limits on the E-Wand prior to the E-Wand being able to move the slats. Limits are set to prevent any over-torquing of your blinds.

When programming the E-Wand, you will be listening for audible beeps to assist you through the programming steps. We recommend you minimize the noise within the room while programming the E-Wand to best hear these beeps.

During the programming phase, if an error is made, the E-Wand will play a short tune. This means you must restart the programming steps for that E-Wand from the beginning.

1. Place the E-Wand into Slat Position Programming Mode

Before entering programming mode, make sure your blind slats are in the full open position. If they are not in the full open position, move them to full open now (you will need to unsnap the E-Wand from the neck of the HORIZONTAL BLIND MOUNT and turn it fully to move the slats to full open).

To place the E-Wand into the Slat Position Programming Mode, press and hold the PROGRAMMING BUTTON until you hear a DOUBLE BEEP(2), then release [Fig. 4.1].

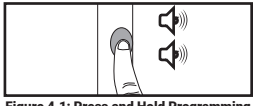


Figure 4.1; Press and Hold Programming Button

NOTE: Prior to hearing a DOUBLE BEEP (2), you will hear a SINGLE BEEP (1). After hearing the DOUBLE BEEP (2), release.

The E-Wand is now in Slat Position Programming Mode.

2. Set the First Position- Full Closed Down

Twist the E-Wand TWIST HANDLE [Fig. 4.2] to move the slats of the blind to the FULL DOWN position, then release the TWIST HANDLE.

Be careful not to over tighten slats, as over tightening can cause damage to the blind.

Press and hold the PROGRAMMING BUTTON until you hear a SINGLE BEEP (1) [Fig. 4.3], then release.

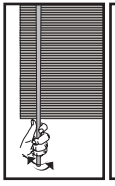


Figure 4.2; Twist Blinds to Full Closed

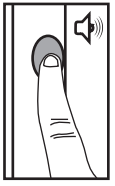


Figure 4.3; Push and Hold Programming Button

3. Set the Second Position- Full Open

Twist the E-Wand TWIST HANDLE [Fig. 4.4] in the OPPOSITE direction than in step 2 to move the slats to the FULL OPEN position, then release the TWIST HANDLE.

Press and hold the PROGRAMMING BUTTON. You will hear a DOUBLE BEEP (2) [Fig. 4.5], then release.

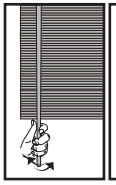


Figure 4.4; Twist Blinds to Full Open

Figure 4.5; Push and Hold Programming Button

Note: During twisting, if you move past the full open position, do not twist the opposite way back to full open. Instead, restart programming. To get out of programming mode, power cycle the unit by partially unscrewing and re-tightening the battery cap. You have successfully power cycled when you hear a tune.

4. Set the Third Position- Full Closed Up

Twist the E-Wand TWIST HANDLE again in the SAME direction [Fig. 4.6] as step 3 so the slats reach the FULL UP position. **Be careful not to over tighten the slats. The E-Wand should beep once if it detects over-tightening.**

Press and hold the PROGRAMMING BUTTON. You will hear a TRIPLE BEEP (3) [Fig. 4.7], then release.

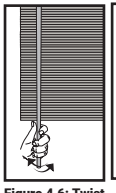


Figure 4.6; Twist Blinds to Full Closed

Figure 4.7; Push and Hold Programming Button

5. Set the Final Position- Full Open

Twist the E-Wand TWIST HANDLE in the OPPOSITE direction [Fig. 4.8] than in step 4 to move the slats back to the FULL OPEN position. Press and hold the PROGRAMMING BUTTON until the slats begin to move [Fig. 4.9].

The slats will automatically move DOWN and back to the FULL OPEN position to signal that the positions have been set properly and that you have completed programming the slat positions.

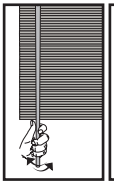


Figure 4.8; Twist Blinds to Full Open

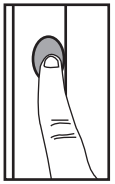


Figure 4.9; Push and Hold Programming Button

Note: When twisting to the final position, if you move past the full open position, do not twist the opposite way back to full open. Instead, restart programming. To get out of programming mode, power cycle the unit by partially unscrewing and re-tightening the battery cap. You have successfully power cycled when you hear a tune.

You have now completed setting the open and closed limits on the E-Wand. You are now ready to add the E-Wand onto a Zigbee Network, if desired [Pg. 26].

VERTICAL BLINDS INSTALLATION & PROGRAMMING

5. INSTALLING THE E-WAND ON VERTICAL BLINDS

Before installing the E-Wand, make sure the slats are in the fully open position and that you are able to freely tilt your blinds in both directions by turning the twist wand that originally came with your blinds. If there is significant resistance you may need to contact your blind manufacturer.

The E-Wand is not compatible with vertical blinds that use a rope or chain to tilt the slats.

For the best operation on vertical blinds, use a silicone based spray lubricant along the inside of the blind headrail and at each carrier.

For this installation you will need:

E-WAND
(6) AA 1.5v ALKALINE BATTERIES
VERTICAL BLIND MOUNT
VERTICAL BLIND REINFORCEMENT TAPE
WAND HOOK SLEEVE (if open hook tilt stem)

1. Remove Twist Wand and First Slat

Move the blind slats to the fully open position, then remove the manual twist wand from the vertical blinds.

Remove the first vertical slat by carefully pushing the slat upward and then sideways to unhook it from the carrier [Fig. 5.1].

Figure 5.1; Remove first vertical slat

Use the included VERTICAL BLIND REINFORCEMENT TAPE to reinforce the top of the first (removed) vertical slat [Fig. 5.2] by folding it over the top evenly so tape is on both sides of the slat. Be sure not to cover the opening in the slat.

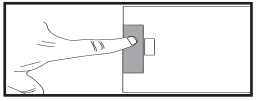


Figure 5.2; Reinforce vertical slat with slat reinforcement tape

2. Install the Vertical Blind Mount onto the E-Wand

Install the VERTICAL BLIND MOUNT on the E-Wand by sliding the clear plastic bellows over the ATTACHMENT HOOK until it fits snuggly on the E-Wand frame [Fig. 5.3]. Install the mount so the SENSOR SWITCHES will be facing the inside of the room.

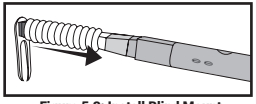


Figure 5.3; Install Blind Mount

3. Attach the E-Wand to the Vertical Blind

Pull down on the VERTICAL BLIND MOUNT'S bellows to expose the E-Wand ATTACHMENT HOOK. Hook the E-Wand ATTACHMENT HOOK onto the existing blind's tilt gear stem [Fig. 5.4].

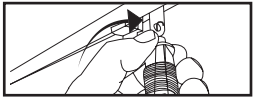


Figure 5.4; Hook on E-Wand

Release the VERTICAL BLIND MOUNT to allow the bellows to extend upwards toward the header, covering the ATTACHMENT HOOK. Be sure the slat attachment carrier can move through the open slot in the blind mount [Fig. 5.5].

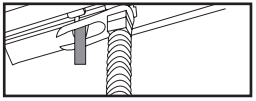


Figure 5.5; Proper Positioning

4. Replace First Slat

Carefully replace the reinforced slat back onto the slat attachment carrier by reversing the steps to remove the slat [Fig. 5.6]. Be sure the slat is oriented the same as the other slats within the assembly.

Figure 5.6; Reattach Vertical Slat

You have now completed installing your E-Wand onto your vertical blinds.

6. PROGRAMMING E-WAND VERTICAL SLAT POSITIONS

You must program the open and close limits on the E-Wand prior to the E-Wand being able to move the slats. Limits are set to prevent any over-torquing of your blinds.

When programming the E-Wand, you will be listening for audible beeps to assist you through the programming steps. We recommend you minimize the noise within the room while programming the E-Wand to best hear these beeps.

During the programming phase, if an error is made, the E-Wand will play a short tune. This means you must restart the programming steps for that E-Wand from the beginning.

1. Place the E-Wand into Slat Position Programming Mode

Before entering programming mode, make sure your blind slats are in the full open position. If they are not in the full open position, move them to full open now (you will need to remove the first slat and pull the bellows downward while turning the E-Wand to move the slats to full open).

To place the E-Wand into the Slat Position Programming Mode, press and hold the PROGRAMMING BUTTON until you hear a DOUBLE BEEP(2), then release [Fig. 6.1].

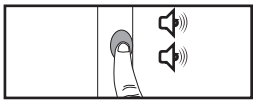


Figure 6.1; Press and Hold Programming Button

Note: Prior to hearing a DOUBLE BEEP (2), you will hear a SINGLE BEEP (1). After hearing the DOUBLE BEEP (2), release.

The E-Wand is now in Slat Position Programming Mode.

2. Set the First Position- Full Closed Left

Twist the E-Wand TWIST HANDLE [Fig. 6.2] to move the slats of the blind to the FULL CLOSED LEFT position, then release the TWIST HANDLE.

Be careful not to over tighten slats, as over tightening can cause damage to the blind.

Press and hold the PROGRAMMING BUTTON until you hear a SINGLE BEEP (1) [Fig. 6.3], then release.

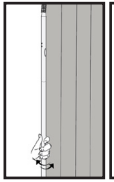


Figure 6.2; Twist Blinds to Full Closed Left

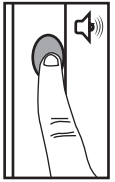


Figure 6.3; Push and Hold Programming Button

3. Set the Second Position- Full Open

Twist the E-Wand TWIST HANDLE [Fig. 6.4] in the OPPOSITE direction than in step 2 to move the slats to the FULL OPEN position, then release the TWIST HANDLE.

Press and hold the PROGRAMMING BUTTON. You will hear a DOUBLE BEEP (2) [Fig. 6.5], then release.

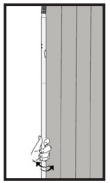


Figure 6.4; Twist Blinds to Full Open

Figure 6.5; Push and Hold Programming Button

Note: During twisting, if you move past the full open position, do not twist the opposite way back to full open. Instead, restart programming. To get out of programming mode, power cycle the unit by partially unscrewing and re-tightening the battery cap. You have successfully power cycled when you hear a tune.

4. Set the Third Position- Full Closed Right

Twist the E-Wand TWIST HANDLE again in the SAME direction [Fig. 6.6] as step 3 so the slats reach the FULL CLOSED RIGHT position. **Be careful not to over tighten the slats.**

Press and hold the PROGRAMMING BUTTON. You will hear a TRIPLE BEEP (3) [Fig. 6.7], then release.

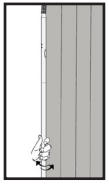


Figure 6.6; Twist Blinds to Full Closed Right

Figure 6.7; Push and Hold Programming Button

5. Set the Final Position- Full Open

Twist the E-Wand TWIST HANDLE in the OPPOSITE direction [Fig. 6.8] than in step 4 to move the slats back to the FULL OPEN position. Press and hold the PROGRAMMING BUTTON until the slats begin to move [Fig. 6.9].

The slats will automatically move LEFT and back to the FULL OPEN position to confirm positions have been set properly and that you have completed programming the slat positions.

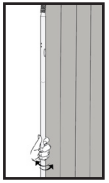


Figure 6.8; Twist Blinds to Full Open

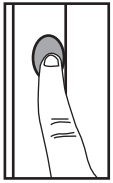


Figure 6.9; Push and Hold Programming Button

Note: During twisting, if you move past the full open position, do not twist the opposite way back to full open. Instead, restart programming. To get out of programming mode, power cycle the unit by partially unscrewing and re-tightening the battery cap. You have successfully power cycled when you hear a tune.

You have now completed setting the open and closed limits on the E-Wand. You are now ready to add the E-Wand onto a Zigbee Network, if desired [Pg. 26].

CONNECTING THE E-WAND TO A ZIGBEE NETWORK

The E-Wand can be paired to the Current Products Corp. bridge or to a third party Zigbee hub. If you are using a third party bridge, use the manufacturers instructions for setup, then follow their instructions for adding devices, then to put the E-Wand into Zigbee Pairing Mode, press and release the E-Wand programming button three times. The E-Wand should start slowly beeping to confirm it is looking for a network. When the E-Wand successfully joins a Zigbee network it will play Ode to Joy. If the E-Wand instead plays Beethoven's 5th, the E-Wand failed to join a Zigbee network.

ABOUT MESH NETWORKS

Mesh Networks are a web of connected devices that self heal when a unit becomes disconnected from the network. Zigbee is a communication protocol that creates a mesh network. Within a Zigbee mesh network, there are "router nodes" and "end nodes". "Router nodes" repeat a signal and are usually hardwired for power. "End nodes" do not repeat a signal and are usually battery powered. E-Wands are "end nodes" so while they will communicate with each other, they will not communicate with other non-E-Wand devices.

7. SET UP THE CURRENT PRODUCTS CORP. BRIDGE WITH THE MYCURTAINS APP

If you would like to set up the E-Wand onto a mesh network using the CPC Bridge WITHOUT WiFi, please proceed to the next section (pg. 30).

If you have not yet installed your E-Wands, please do so now.

1. Download the App

Download the Current Products Corp. app (MyCurtains) from the Google Play Store or the Apple App Store. Follow the prompts to set up your account.

2. Power the Bridge

Find an outlet in a location central to the devices you are installing in the home. Insert the micro-usb end of the included power cable into the power port on the bridge. Plug the other end of the cable into an outlet [Fig. 7.1]. Place the bridge at least 2ft off the ground.

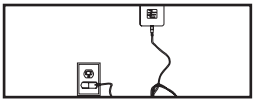


Figure 7.1; Plug in the bridge

The LEDs on the bottom of the bridge [Fig. 7.2] will be solid red and solid green during start up. The LEDs will then turn solid red.

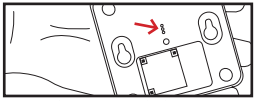


Figure 7.2; LED indicators

3a. (optional) Add a New Hub to an Existing Account

If you had previously set up your account and are adding your first or a seconary bridge, hit the “bridge” icon at the top of the Dashboard. [Fig. 7.3]. On the next page hit the plus (+) icon at the top right [Fig. 7.4].

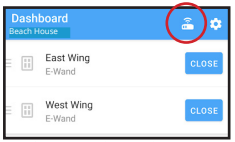


Figure 7.3; Hit the Bridge Icon

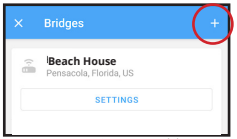


Figure 7.4; Hit the Plus (+) Icon

3b. Connect Bridge to Account

After setting up your account on the app (or performing step 3a), follow the steps in the app. After inputting bridge information, it will prompt you to enable the Bluetooth on the bridge. The app will ask you to press and release the recessed button on the bottom of the bridge [Fig. 7.5]. The LED lights will turn solid blue and solid red.

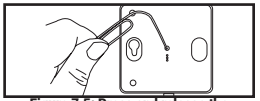


Figure 7.5; Press and release the recessed button

During the set up process, the app will ask you to scan the QR code located on the bottom of the bridge [Fig. 7.6]. Scan the code when prompted. The LED will turn solid green to reflect that the bridge is being connected to your account.

Figure 7.6; Scan the QR Code on the bottom of the bridge

Your bridge is now connected to your account.

4. Pair and Add Devices

In the app under devices, hit the + sign [Fig. 7.7].

Figure 7.7; Hit the + to add a device

On any E-Wand you wish to pair to the bridge (you can add more than one device at a time), press and release the programming button 3 times (without hearing a beep) [Fig. 7.8]. The E-Wand will start beeping to indicate it is searching for a network.

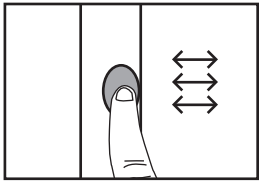


Figure 7.8; Press and release the programming button quickly three times

The E-Wand will play a confirmation beep (Ode to Joy) when it has discovered the network or a failure beep (Beethoven’s 5th) if it did not find a network.

You will see the device pop up in the menu on your Smart Phone screen. Select the appropriate device, using the “identify” button if needed [Fig. 7.9].

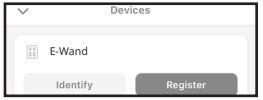


Figure 7.9; Device will show up, hit Register

Once the device has been identified, hit “register”, then name the device.

If you would like to add any additional devices, repeat step 4.

Once your devices have been added, use the app to set up groups, scenes, and schedules as desired.

8. SET UP THE CURRENT PRODUCTS CORP. BRIDGE WITHOUT THE MYCURTAINS APP

In some instances you may want to establish a Zigbee mesh network without using the app or WiFi, but still using the CPC Bridge.

1. Power the Bridge

Find an outlet in a location central to the E-Wands that you are installing in the home. Insert the micro-usb end of the included power cable into the power port on the bridge. Plug the other end of the cable into an outlet [Fig 8.1]. Place the bridge at least 2ft off the ground.

The LEDs on the bridge will flash red and green and then turn solid red [Fig. 8.2].

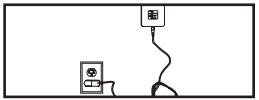


Figure 8.1; Plug in the bridge.

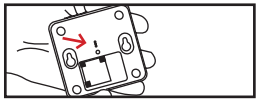


Figure 8.2; LEDs will flash red and green, then turn solid red.

2. Put Bridge in Pairing Mode

Push a tack or paperclip into the hole in the back of the bridge and press and hold the recessed button for 5 seconds or until the LED begins to flash blue, then release the button [Fig. 8.3].

The LED will flash blue and then turn solid red. After that, the LEDs will stay red [Fig 8.4].

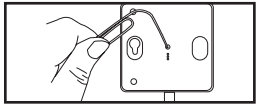


Figure 8.3 - Press and hold the recessed button on the bottom of the bridge for 5 seconds.

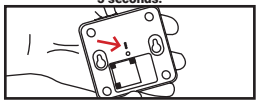


Figure 8.4; LEDs will flash blue, then turn solid red.

3. Pair E-Wand

On any unit that you would like to pair to the bridge, press and release the programming button three times without hearing a beep [Fig 8.5]. The E-Wand should start beeping to indicate it is in Zigbee Pairing mode.

The green LED on the bridge will flash to indicate the E-Wand has been paired [Fig. 8.6] The E-Wand will play a confirmation beep (Ode to Joy) when it has joined successfully or a failure beep (Beethoven's 5th) if it joining was not successful.

If you have additional devices you would like to add, repeat Steps 2 & 3.

If the E-Wand does not play a confirmation beep, try putting the bridge and E-Wand into pairing mode again. You have 5 minutes until the bridge times out of pairing mode.

If the pairing is not successful again, try a Master Reset on the E-Wand (instructions on page 39).

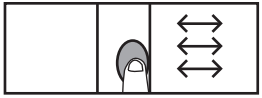


Figure 8.5; Press and release programming button three times.

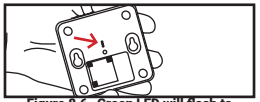
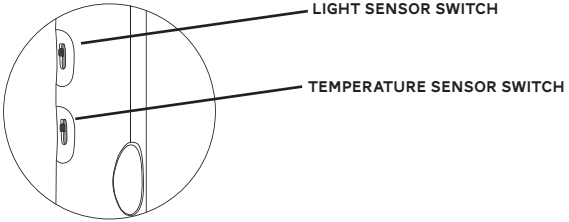


Figure 8.6 -Green LED will flash to indicate successful pairing.

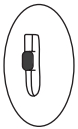
MAKING SENSE OF THE SENSORS



9. SENSOR SWITCH POSITIONS

Off

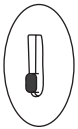
Light or Temperature Sensor is off.



Fully Automatic

Light Sensor closes the slats around sunset and opens the slats around sunrise.

Temperature sensor opens the slats around 69˚F and closes the slats around 82˚F.



Semi-Automatic

Light sensor only closes the slats around sunset.

Temperature sensor only closes the slats around 82˚F.

10. SENSOR FEATURES

Once the LIGHT SENSOR triggers an automatic movement, the slats will not automatically move due to light for another eight (8) hours.

If an automated movement is triggered by the TEMPERATURE SENSOR, the slats will not automatically move due to temperature for another (1) hour.

The LIGHT SENSOR will prevent the TEMPERATURE SENSOR from triggering an opening of your blinds at night to maintain your privacy.

A movement of an E-Wand via the TWIST HANDLE, REMOTE, or APP will deactivate the automatic features for three (3) hours.

When blinds are grouped, one sensor triggered movement will move all blinds within that group.

A power cycle or an adjustment of either sensor switch mode will lock out an automated movement for twenty (20) minutes.

Pro-Tip: Based on the direction your window is facing, as well as other environmental factors, different blinds may close or open at different times when using the automated features. We suggest finding the E-Wand that opens and closes at your preferred time, then grouping all E-Wands together and only having that one E-Wand's sensors activated. Grouping instructions on pg. 35.

OPTIONAL PROGRAMMING OF THE E-WAND

For further assistance during the programming process, please view our online instructional videos at myewand.com/support.

11. E-WAND PROGRAMMING BEEPS

During programming, be conscious that there are several series of beeps that correspond with the different programming stages. Be careful to not sum up the number of beeps you have heard, for example, a SINGLE BEEP (1) and then a DOUBLE BEEP (2) is not a TRIPLE BEEP (3).

Single Beep (1)	Pairing Mode for the Remote and Grouping
Double Beep (2)	Programming the Slat Positions Mode
Triple Beep (3)	Setting the Favorite Position
Quadruple Beep (4)	Setting the Preferred Closed Position
Quintuple Beep (5)	Master Reset
Sextuple Beep (6)	Realign the E-Wand

12. WHAT IS A TWIST GROUP?

While you may create a Twist Group prior to installation and programming, we recommend grouping E-Wands AFTER installation to be sure of signal strength. If installing E-Wands on challenging to reach blinds, group prior to installation.

A Twist Group allows you to group multiple E-Wands together so each will respond to the manual twist movement given to any other E-Wand you have placed in the group.

Older, FM only E-Wands CAN be grouped to these Zigbee Hybrid E-Wands as long as the Zigbee E-Wand is the twist group Master. Zigbee E-Wands will have a blue O-Ring around the battery cap.

Note: FM E-Wands will respond to commands sent to Zigbee E-Wands from app or voice commands.

13. SETTING UP A TWIST GROUP

1. Place all the E-Wands you wish to group in Pairing Mode

On the E-Wands you wish to group together, one by one, press and hold the PROGRAMMING BUTTON until you hear a SINGLE BEEP (1), then release [Fig. 13.1].

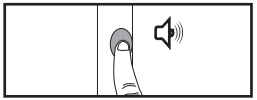


Figure 13.1; Press and Hold Programming Button

2. Assign the Master E-Wand and Close the Group

Once you have initiated the grouping sequence on EACH E-Wand, choose an E-Wand that will be centrally located in the group to designate as the "master".

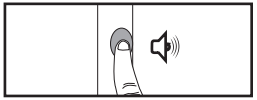


Figure 13.2; Press and Hold Programming Button

Press and hold THIS E-Wand's PROGRAMMING BUTTON again until you hear a SINGLE BEEP (1) [Fig. 13.2]. You have now completed grouping your E-Wands and have created a Twist Group.

To confirm the group has been properly created, each programmed E-Wand in the group will move slightly in one direction then back [Fig. 13.3]. Any E-Wands in the group that have not had their slat positions programmed will play a three-note success tune.

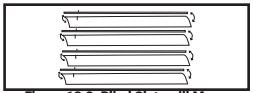


Figure 13.3; Blind Slats will Move

The ability to create a twist group will time out after FIVE (5) minutes of inactivity. If you have mistakenly initiated grouping on an E-Wand, simply twist the TWIST HANDLE to remove from programming mode.

14. REMOVING AN E-WAND FROM A TWIST GROUP

In some instances, you may want to remove an E-Wand from a previously created Twist Group. To remove an E-Wand:

Press and hold the PROGRAMMING BUTTON on the E-Wand you wish to remove from the group until you hear a SINGLE BEEP (1), then release.

Once more, **press and hold the PROGRAMMING BUTTON** until you hear another SINGLE BEEP (1), then release.

Repeat this process to remove any additional desired E-Wands from the group.

NOTE: Removing the "master" E-Wand will eliminate the whole group.

15. ADDING AN E-WAND TO A TWIST GROUP

In some instances, you may want to add an E-Wand to an existing Twist Group. To add an E-Wand:

Press and hold the PROGRAMMING BUTTON on the E-Wand you originally designated as the master until you hear a SINGLE BEEP (1), then release.

On any E-Wand you wish to add to the group, **press and hold the PROGRAMMING BUTTON** until you hear a SINGLE BEEP (1), then release.

After all additional E-Wands have been initialized, **return to the master to press and hold its PROGRAMMING BUTTON** again until you hear a SINGLE BEEP (1).

All added blinds will move slightly in one direction then back (if the positions have been set) or play a three-note success tune (if the positions have not yet been set).

16. SETTING THE PREFERRED CLOSED POSITION

When using the sensors or voice, the E-Wand may close the blinds in a direction different than the direction you prefer (i.e. up or down on horizontal blinds, or left or right on vertical blinds). To change the preferred closed position:

Twist the E-Wand TWIST HANDLE until the slats reach your desired closed position, then release.

Press and hold the PROGRAMMING BUTTON on the E-Wand until you hear a QUADRUPLE BEEP (4). The E-Wand will now close to this set position when closed by sensor triggered events.

17. REALIGN YOUR E-WAND

Based on the construction of your blinds, you may notice the full open position has changed over time from it's originally programmed position. If you notice this occurrence, you can simply realign your originally programmed E-Wand slat positions.

Twist the E-Wand TWIST HANDLE to the position you consider to be FULL OPEN.

Press and hold the PROGRAMMING BUTTON until you hear a SEXTUPLE BEEP (6), then release. Your E-Wand has now been realigned to it's originally programmed positions.

18. MASTER RESET YOUR E-WAND

Master reset is performed to return an E-Wand to its factory default settings. All twist groups, paired remotes, positional settings, and learned networks will be removed from the memory of the E-Wand.

Press and hold the PROGRAMMING BUTTON until you hear a QUINTUPLE BEEP (5), then release. To confirm you want to perform a master reset, the E-Wand will play a series of monotone beeps.

After you hear the beeps, **press and hold the PROGRAMMING BUTTON again** until you hear a SINGLE BEEP (1). Another short tune will play, and you will have successfully performed a master reset.

Master reset mode can be escaped by waiting until the mode times out (30 seconds), or by twisting the E-Wand TWIST HANDLE after hearing the monotone beeps.

19. REMOVE THE E-WAND FROM A ZIGBEE NETWORK

In some instances you may want to remove the E-Wand from a Zigbee network to either rejoin it or add it to a new network (devices can only be on one network at a time).

Press and release the PROGRAMMING BUTTON (7) times to remove the E-Wand from a Zigbee network.

The E-Wand should play a tune to confirm you have successfully removed the E-Wand from a Zigbee network.

NOTE: You will need to add the device back to a network to control it using the app or voice.

BATTERIES

20. INSTALL OR REPLACE BATTERIES

When the batteries are low, the E-Wand will play Beethoven's 5th while carrying out its normal function.

1. Unscrew the Battery Cap

Using two hands, carefully and slowly unscrew the BATTERY CAP [Fig. 20.1]. Batteries will naturally fall out of the battery tube, so be prepared to catch them.

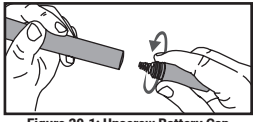


Figure 20.1; Unscrew Battery Cap

2. Replace Batteries

Replace bad batteries with six (6) new 1.5v Alkaline AA batteries. Always replace all batteries. NEVER mix old and new batteries. Also, NEVER use damaged or dropped batteries.

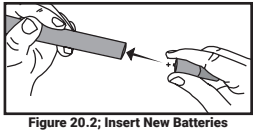


Figure 20.2; Insert New Batteries

Insert batteries with the positive (+) end first [Fig. 20.2].

3. Replace Battery Cap

Screw the BATTERY CAP back onto the end of the E-Wand securely. The E-Wand will play a short tune to confirm the batteries have been installed correctly.

EXTENSION HANDLE

21. ATTACHING AN E-WAND EXTENSION HANDLE

For blinds that are taller than average, it may be necessary to attach an E-Wand EXTENSION HANDLE (sold separately) to the end of your E-Wand. One extension handle will double the length of the TWIST HANDLE.

1. Unscrew the Battery Cap

Carefully remove the BATTERY CAP from the E-Wand [Fig. 21.1]. Be sure not to remove the batteries.

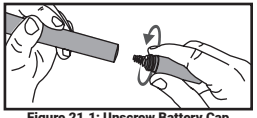


Figure 21.1; Unscrew Battery Cap

2. Screw on Extension Handle

Attach the EXTENSION HANDLE onto the end of the E-Wand. Screw tightly into place where the battery cap was [Fig. 21.2].

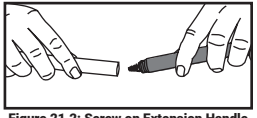


Figure 21.2; Screw on Extension Handle

3. Attach Battery Cap

Attach BATTERY CAP onto the end of the EXTENSION HANDLE. Screw tightly into place [Fig. 21.3].

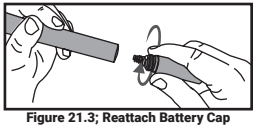
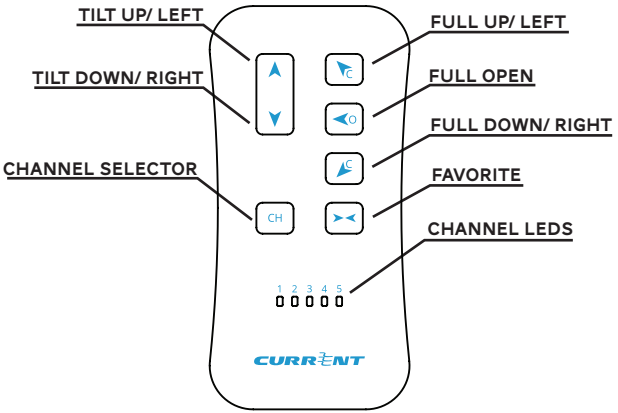


Figure 21.3; Reattach Battery Cap

SETTING UP AN OPTIONAL REMOTE CONTROL

22. REMOTE CONTROL DIAGRAM AND BUTTON DESCRIPTIONS



TILT TOGGLE

Briefly press and release to move the slats in the open or closed direction and stop at the next position setting. There are seven (7) position settings from the full up to the full down position. The user may also press and hold the toggle button until the slats get to the desired position, then release the toggle.

CHANNEL SELECTOR

Used to customize control of multiple blinds on a single remote. The currently selected channel is indicated by the Channel LEDs. Pressing the CHANNEL Button once will display the current channel. Pressing it again will switch to the next channel. When all LEDs are lit, the remote is selected to broadcast on all channels.

FULL UP/ LEFT

Moves the slats to the full up position for horizontal blinds or full right position for vertical blinds.

FULL OPEN

Moves all slats to the full open position.

FULL DOWN/ RIGHT

Moves all slats to the full down position for horizontal blinds, or full left position for vertical blinds.

FAVORITE

The user can program this button to any position they choose to be their “favorite” position; however, if left unchanged it will move the slats to approximately half way between the full open and the full down/ left position.

23. PAIRING A REMOTE CONTROL TO THE E-WAND

For further assistance pairing a remote to the E-Wand, please view our online Instructional Videos at www.myewand.com/support.

Pairing an E-Wand to the remote can be performed before or after installation and programming.

1. Enter Pairing Mode

Press the PROGRAMMING BUTTON on each E-Wand you wish to pair to the remote until you hear a SINGLE BEEP (1) [Fig. 23.1], then release.

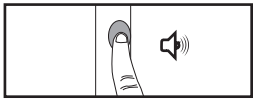


Figure 23.1; Press and Hold Programming Button

2. Select the Desired Channel

Press and release the CHANNEL button until the LEDs reflect the desired channel you wish to set [Fig. 23.2].

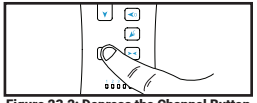


Figure 23.2; Depress the Channel Button

3. Pair the Remote

Use a tack, pen, or paperclip to press and release the PAIRING button on the back of the remote [Fig. 23.3] When this button has been pressed, the LED's on the front of the remote will scroll to confirm.

Figure 23.3; Press in Tack or Pen

To PAIR, press the top left button on the tilt toggle [Fig. 23.4]. The blind(s) will move slightly in one direction then back, indicating that it has received the command and completed the process.

Figure 23.4; Press to Pair

If you ever need to unpair, you can repeat the same steps and press the lower left button on the tilt toggle to unpair [Fig. 23.5].

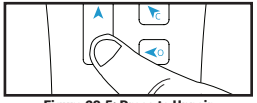


Figure 23.5; Press to Unpair

24. SETTING THE E-WAND FAVORITE POSITION

The FAVORITE Button allows the user to send the E-Wand to a uniquely programmed position. Each E-Wand can have its own “favorite” position where it will move to when triggered by that button on the remote.

1. Select Desired Favorite Position

Twist the E-Wand until the desired “favorite” position is reached [Fig. 24.1].

Figure 24.1; Twist Blinds to “favorite” Position

2. Learn Favorite Position

Press and hold the PROGRAMMING BUTTON on the E-Wand until you hear a TRIPLE BEEP (3), then release. [Fig. 24.2].

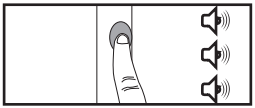


Figure 24.2; Press and Hold Programming Button

Your FAVORITE Button on the remote control will now move that blind to the programmed favorite position. Each E-Wand can be set to have different favorite positions.

QUICK USER GUIDE

25. OPERATION OF A SINGLE E-WAND

After the initial programming, simply twist the TWIST HANDLE of the ungrouped E-Wand to move your blind to the desired slat position and release.

26. CONTROLLING A GROUP OF BLINDS

Once a group is created, you can twist any E-Wand in the group and release at the desired position. All other blinds in the group will automatically move to the selected position.

27. OPERATION OF A SINGLE E-WAND WITHIN A GROUP OF BLINDS

Once a group has been set, twisting any E-Wand TWIST HANDLE will control the entire group. To operate a single E-Wand within a group, quickly press and release the PROGRAMMING BUTTON without triggering a beep, then twist the TWIST HANDLE until the blinds reach the desired position.

If you accidentally trigger a beep, release the programming button, then press and release the programming button again without triggering a beep to get out of pairing mode.

28. LIGHT SENSOR AUTOMATION

The E-Wand has an internal light sensor providing the capability to automatically close your slats at night to provide full privacy in the room, and open your slats in the morning to allow in natural light.

The LIGHT SENSOR SWITCH allows the user to control the light sensor and has three positions.

Top: Sensor is turned off.
Middle: Sensor will open the slats around sunrise and close the slats around sunset.
Bottom: Sensor will only close the blind around sunset.

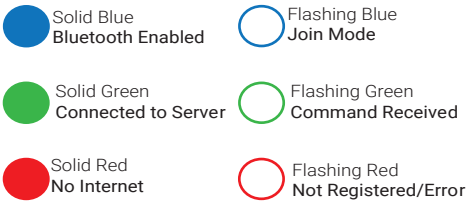
29. TEMPERATURE SENSOR AUTOMATION

The E-Wand contains an internal temperature sensor providing the capability to automatically close your slats when the temperature near the window is around 82˚F and open your slats when the temperature is around 69˚F. This function is designed to help with energy savings and provide comfort in the room.

The TEMPERATURE SENSOR SWITCH allows the user to control the temperature sensor and has three positions.

Top: Sensor is turned off.
Middle: Sensor will open the slats around 69˚F and close the slats around 82˚F.
Bottom: Sensor will only close the slats around 82˚F.

30. LED MODES ON CPC BRIDGE



3I. E-WAND PROGRAMMING BEEPS

During programming, be conscious that there are several series of beeps that correspond with the different programming stages. Be careful to not sum up the number of beeps you have heard, for example, a SINGLE BEEP (1) and then a DOUBLE BEEP (2) is not a TRIPLE BEEP (3).

Single Beep (1)	Pairing Mode for the Remote and Grouping
Double Beep (2)	Programming the Slat Positions Mode
Triple Beep (3)	Setting the Favorite Position
Quadruple Beep (4)	Setting the Preferred Closed Position
Quintuple Beep (5)	Master Reset
Sextuple Beep (6)	Realign the E-Wand

32. E-WAND NON-PROGRAMMING BEEPS

During setup and operation you may hear some audible tones that indicate either confirmations or errors.

Long Monotone Beep	Motor has stalled - contact customer service.
Double Two Tone Beep	Unit is powered but positions have not been set. Set slat positions in the E-Wand.
Beethoven's 5th (4 notes)	1) Low Batteries - change batteries. If beep persists contact customer service. 2) Programming process has been interrupted - restart programming; be sure to follow the instructions; if you need assistance contact customer service. 3) Failure to pair to a Zigbee network. Retry pairing; if issue persists contact customer service.
Ode to Joy (8 notes)	1) Successful pairing to the remote; only plays if the E-Wand limits have not yet been set. 2) Successful pairing to a Zigbee network.
No Beeping	If batteries are installed correctly and are at full capacity and the E-Wand does not play any tones, contact customer service.

SAFETY INFORMATION

WARNING

Read all warnings and instructions prior to installing the E-Wand. Failure to follow these instructions may result in property damage or serious personal injury.

CAUTION

Do not use the E-Wand for anything other than its intended use. Any usage of the parts of this kit outside of its intended purposes in not covered under the warranty.

CAUTION

Existing blinds may have sharp edges. Use gloves to prevent cuts or abrasions whenever removing or reinstalling blinds.

Model: CP180335E-01
FCC: 2AJXX100619
IC: 22151-CP180335E01

FCC STATEMENT

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.

Warning: Changes or modifications not expressly approved by Current Products Corp. could void the user's authority to operate the equipment.

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 frequency energy 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF WARNING STATEMENT

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure condition without restriction.

IC STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de license. L'exploitation est autorisee aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tour brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with the radiation exposure limits in an uncontrolled environment. This equipment is in direct contact with the user's body under certain operating conditions. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipment est conforme aux limites d'exposition aux radiations dans un environment non controlé. Cet équipment est en contact direct avec le corps de l'utilisateur dans des conditions de fonctionnement normals. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec tour autre antenne ou transmetteur.

WARRANTY INFORMATION

LIMITED WARRANTY

Current Products Corp. (the "Manufacturer") hereby warrants to Customer that the E-Wand™ (the "Product") is and will remain for a period of one (1) year from the date of delivery to Customer, as evidenced by Customer's proof of purchase (the "Warranty Period"), free of material defects in materials and workmanship, provided that the Product is used for its intended purpose and is properly serviced in accordance with the User's Manual provided to Customer. The Warranty Period is not extended if the Manufacturer repairs or replaces the Product. Subject to the foregoing, if at any time during the Warranty Period the Product fails to conform to the foregoing warranty, Customer must notify Manufacturer in writing within the Warranty Period of the alleged defect, and Manufacturer at its option shall repair or replace the defective Product or component part without charge to Customer, except for: (A) costs incurred in transporting the Product or component parts to and from Manufacturer's designated dealer, manufacturing plant or repair center; and (B) charges for labor or other costs incidental to the removal or remounting of component parts repaired or replaced under this Warranty, all of which shall be borne by Customer. Notwithstanding any provision herein to the contrary, this Warranty shall not extend or obligate Manufacturer to take any action with respect to: (i) any Product that has been modified, altered, installed, used, operated or repaired in a manner which is not authorized or recommended by Manufacturer, including any Product in which parts not manufactured or approved by Manufacturer have been installed; (ii) any Product that has not been regularly and properly serviced in accordance with the User's Manual or that has otherwise been neglected; (iii) ordinary wear and tear, service and maintenance and replacement items; (iv) any Product that has been used, or attempted to be used, for other than the customary usage or for other than its intended use; (v) any Product that has been subject to mishandling, misuse, or abuse; (vi) any Product that has suffered damage resulting from lightning, power surges, vandalism, fire, earthquake, acts of nature, or any other cause which the Product was not designed to withstand; or (vii) damage to any Product caused by battery decay or corrosion.

This Limited Warranty extends only to the original owner. This Limited Warranty is not transferable. This Limited Warranty does not cover normal wear or tear or deterioration which occurs with the passage of time. Batteries originally provided with a new product, if any, are produced by a third party and are not warranted by Manufacturer. No employee, distributor, dealer, agent or representative is authorized to change the terms of this Limited Warranty in any way, to extend the warranty time periods, or to grant additional warranties, and no attempt to do any of the foregoing will be binding upon Manufacturer.

LIMITATION OF LIABILITY

MANUFACTURER'S RESPONSIBILITY FOR DEFECTIVE PRODUCT IS LIMITED TO REPAIR OR REPLACEMENT AS DESCRIBED ABOVE IN THIS LIMITED WARRANTY STATEMENT. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, MANUFACTURER DISCLAIMS ALL OTHER WARRANTIES WITH RESPECT TO THE PRODUCT, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

THE REMEDIES DESCRIBED ABOVE ARE CUSTOMER'S SOLE AND EXCLUSIVE REMEDIES, AND MANUFACTURER'S ENTIRE LIABILITY, FOR ANY BREACH OF THIS LIMITED WARRANTY. MANUFACTURER'S LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY CUSTOMER FOR THE DEFECTIVE PRODUCT, NOR SHALL MANUFACTURER UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

OTHER LEGAL RIGHTS

Notwithstanding the foregoing, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

CURRENT

Current Products Corp.
1995 Hollywood Ave.
Pensacola, FL 32505

www.currentproductscorp.com
844-307-7435