Remote Control Operation Instructions

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Remote Control Operation Instructions

Model: YAR/SWAA/ZRT

What's in the box

Wall cradle and fixing screws

Battery cover removed

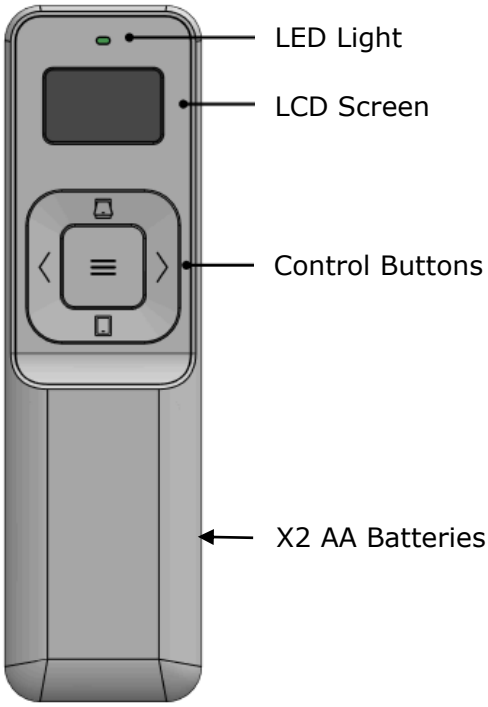
Wall cradle can be mounted to wall using screws provided. Install supplied x2 AA Batteries to power up remote.

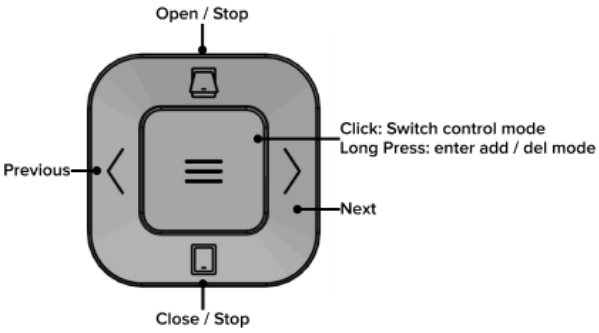
Note: Remote is held into the wall cradle with magnets.

Remote Control Operation Instructions

Welcome to the Yale Aeron Remote

Overview of remote





Remote Control Operation Instructions

Start-up screen when batteries are first installed

Icon description

Screen icons

Delete or trash bin

Add

Move Left or Right between options

Remote Control Operation Instructions

Operating Windows

For windows to be controlled via a remote the remote must be paired with the Yale Access Bridge. Windows can be paired to operate as a group or individually.

Group pairing

- ☒ A maximum of 4 Groups can be controlled via the remote. Note: no more than 30 actuators can be assigned across all 4 groups.

Individual Window Pairing

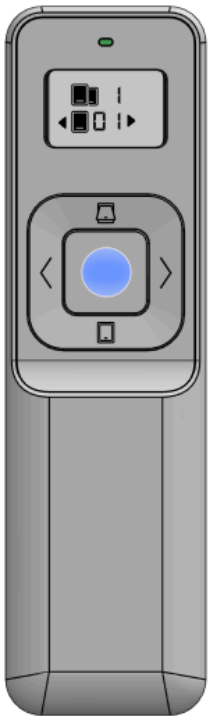
- ☒ A maximum of 30 individual windows and can be controlled via the remote

Remote is used for the following functions

- ☒ Window control
- ☒ Pairing window actuators
- ☒ Pairing Aeron window actuators
- ☒ Pairing Aeron Bridge
- ☒ Pairing Aeron Rain Sensor Adaptor
- ☒ Creating window groups/zones
- ☒ Deleting windows or zones

Remote Control Operation Instructions

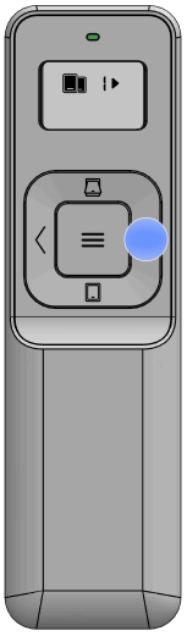
Selecting a Zone (group of windows) to control



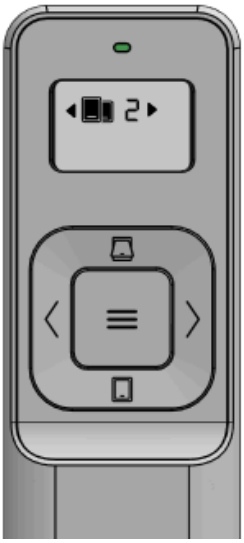
Press central control button to move to Group setting

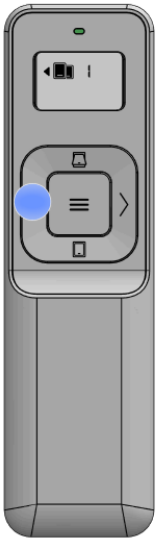
Remote Control Operation Instructions

Selecting a particular window zone



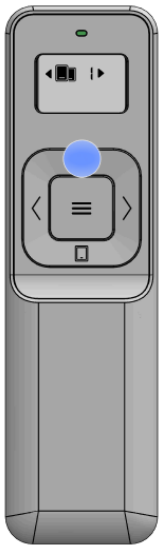
Using the Left- or Right-hand Control buttons select the window group required





Remote Control Operation Instructions

Opening a window zone



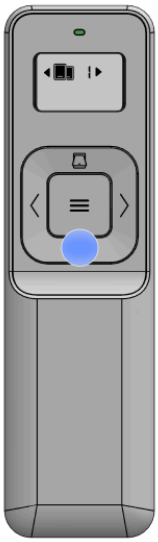
Select Open/Stop button

LED will light green

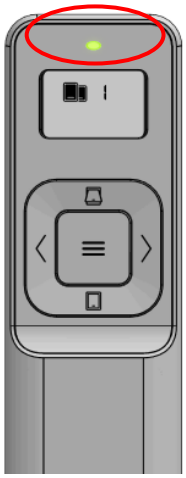
Select Open/Stop to stop window at any position

Remote Control Operation Instructions

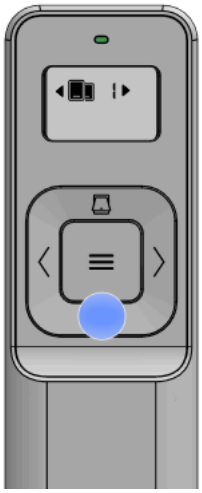
Closing a window zone



Select Close/Stop button



LED will light green

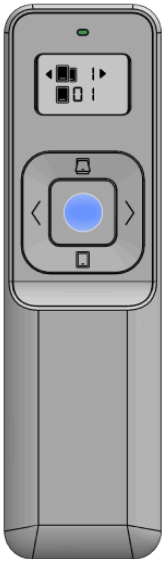


Select Open/Stop to stop window at any position

Remote Control Operation Instructions

Selecting a single window to control

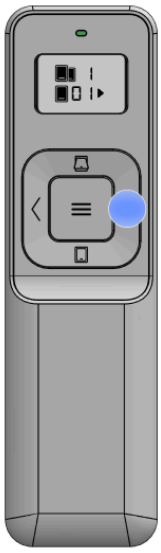
Press central control button to move to single window setting



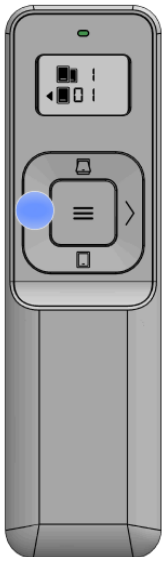
Press central control button to move to Group setting

Remote Control Operation Instructions

Selecting a single window

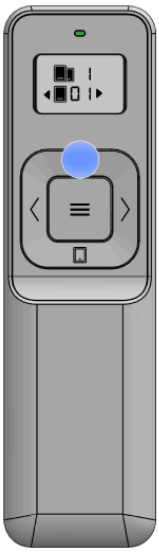


Using the Left or Right hand Control buttons select the window required

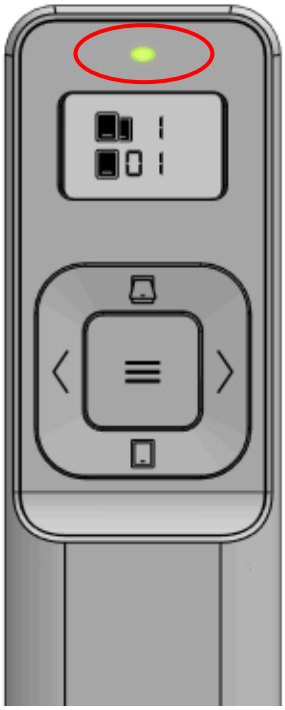


Remote Control Operation Instructions

Opening a single window



Select Open/Stop button

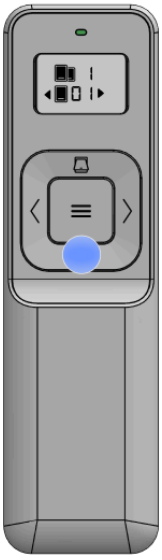


LED will light green

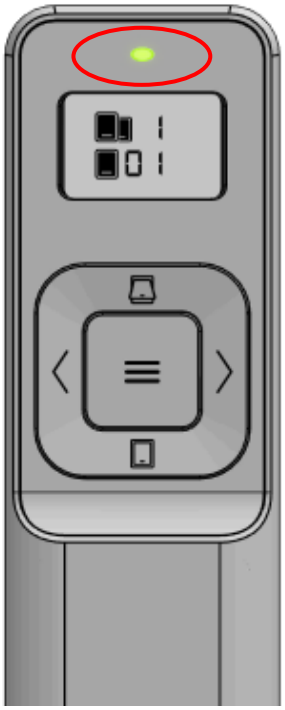
Select Open/Stop to stop window at any position

Remote Control Operation Instructions

Closing a single window



Select Close/Stop button

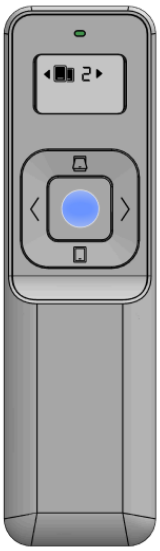


LED will light green

Select Close/Stop to stop window at any position

Remote Control Operation Instructions

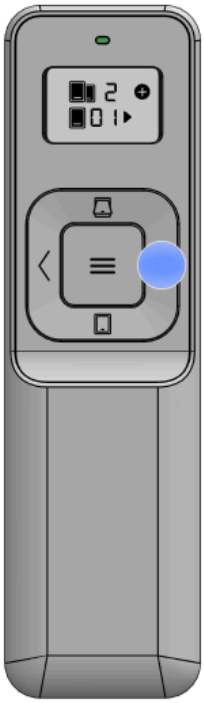
Adding an Aeron actuator into a zone

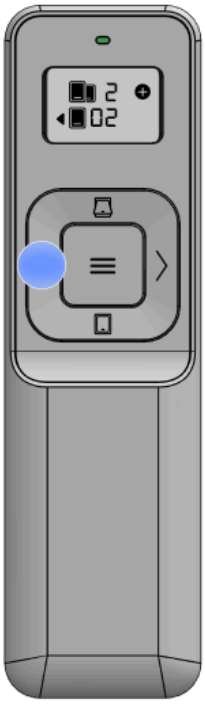


Press Confirm and hold for 3 seconds

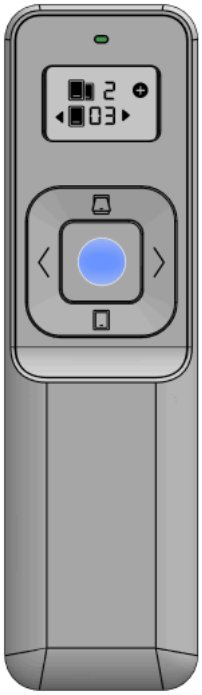
Indicator screen switches to adding mode. Window actuators flash

Remote Control Operation Instructions





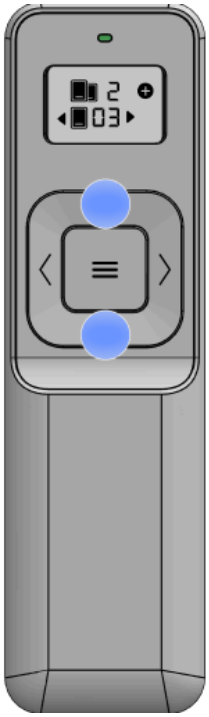
Use Left or Right-hand control buttons to find the window actuator required to be added



Click Confirm to enter selected Window into the required zone

Remote Control Operation Instructions

Exiting adding actuator mode

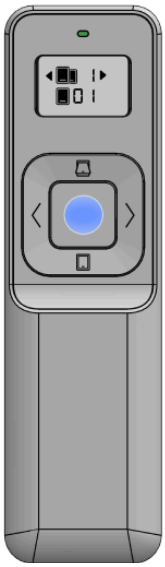


Click either Open or Close to exit Adding Mode

Remote Control Operation Instructions

Adding Mode

Adding aeron actuator into a zone (zone 1)



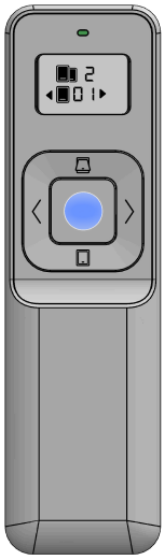
Press Confirm and hold for 3 seconds

LED flashes Red

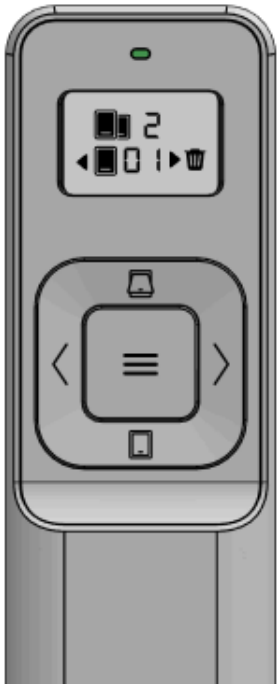
Remote Control Operation Instructions

Deleting Mode

Removal of actuators from a system



Press Confirm and hold for 3 seconds

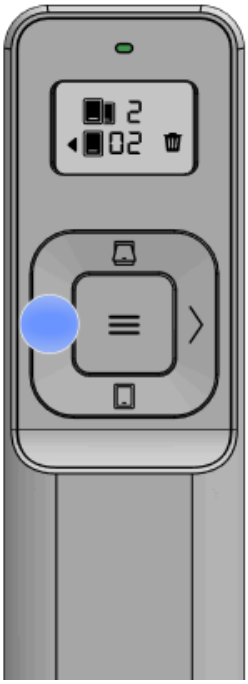


Delete mode

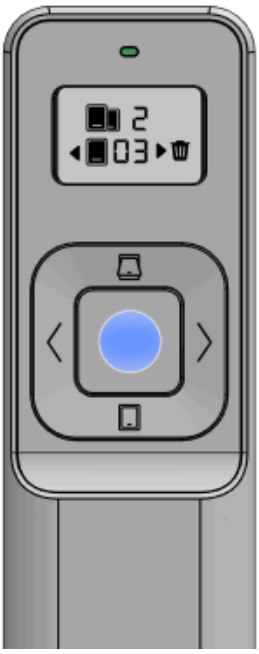
Remote Control Operation Instructions

Find actuator you want to delete using Right- or Left-hand buttons

Remote Control Operation Instructions

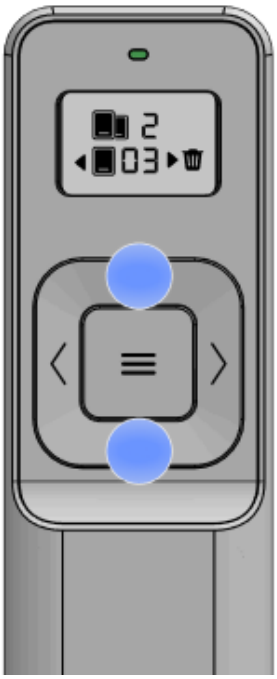


Find actuator to be deleted using right- or left-hand button



Confirm selection

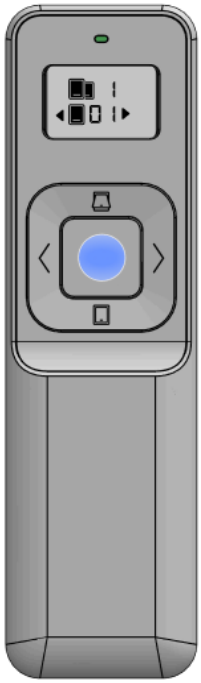
Remote Control Operation Instructions



Click either Open or Close to exit Deleting Mode

Remote Control Operation Instructions

Deleting Aeron Actuator from a Zone (Zone 1)



Press and hold Confirm for 3 seconds

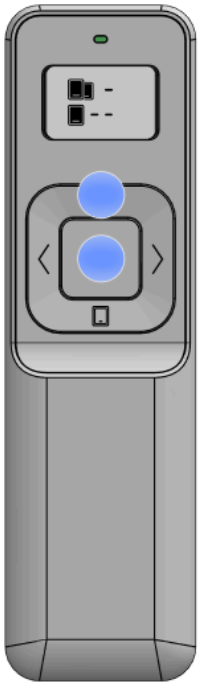
LED flashes red in delete mode

Press central control button to confirm selection

Remote Control Operation Instructions

Pairing Mode

Connecting Aeron Actuator to Remote and Bridge



Press and hold Confirm and Open together for 5 to 10 seconds

LED flashes green when in pairing mode

Remote Control Operation Instructions

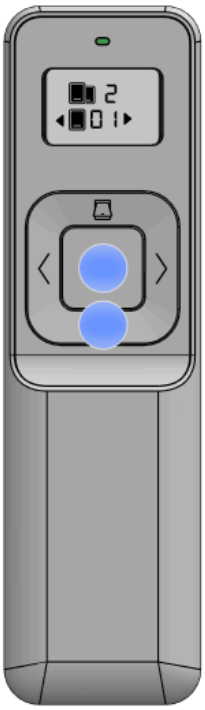
Solid green denotes pairing has been successfully completed

LED flashes red twice when pairing has been unsuccessful

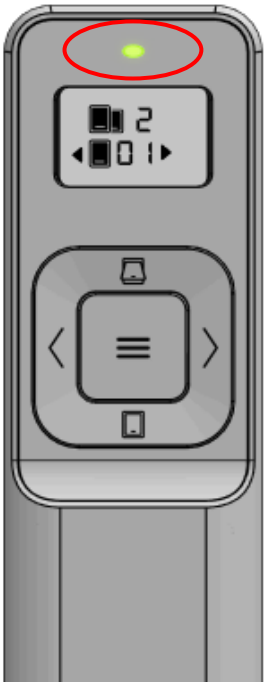
Remote Control Operation Instructions

Pairing Aeron Actuators when in Pairing Mode

How to pair Aeron actuators when in paring mode



Press Confirm and Open for 5 to 10 seconds



LED will stay green for 1 second when pairing mode signal has been sent successfully

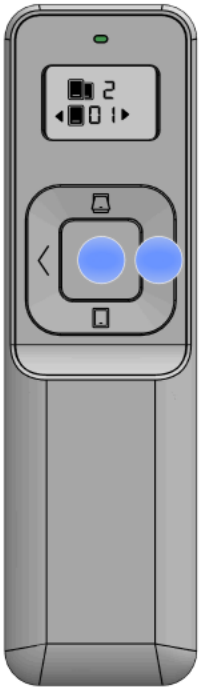
Remote Control Operation Instructions

LED will flash Red twice if pairing signal has not been sent successfully

Remote Control Operation Instructions

Factory Reset for Single Actuator

If required a single actuator can be factory reset when the actuator is not performing correctly



Press Confirm and Right-hand button for 5 to 10 seconds

LED will stay green for 1 second when reset signal has been sent successfully

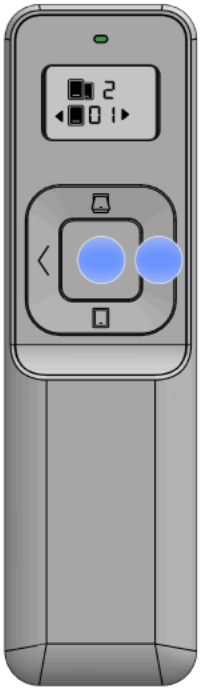
Remote Control Operation Instructions

LED will flash red twice if reset signal has not been sent successfully

Remote Control Operation Instructions

Factory Reset for a Group of Actuators assigned to a Zone

If required actuators in a zone can be factory reset when the actuators are not performing correctly



Press Confirm and Right-hand button for 5 to 10 seconds

LED will stay green for 1 second when reset signal has been sent successfully

Remote Control Operation Instructions

LED will flash Red twice if reset signal has not been sent successfully

Remote Control Operation Instructions

Engineering Mode

This mode is used when the actuators are first being setup and there is no Wi-Fi connection available. **This mode is used for the actuator installer /electrician to t**est the window actuator (open/close) during the construction period.

Press the Confirm and Left-hand button for 5s to activate Engineering Mode

LED will turn solid orange for 1 second when Engineering Mode is active

Installer/electrician can press up/down to test the window actuator, (refer to opening and closing windows pages 9 to 10.
Engineering Mode once active will stay on until power is removed from the remote.

Note: When actuators are connected to power they will enter default mode. If a remote is placed into Engineering Mode, the powered actuators in range of the remote will also enter engineering mode. Engineering mode will stay on until power is removed from the remote or actuator. An actuator must have a module fitted to enter Engineering Mode. If the engineering mode is not initiated the user can link the module to the app within 5mins from the actuator being powered. After 5mins the user will have to repower the actuator to connect the app.

Remote Control Operation Instructions

Warning Lights

Low Battery Alert

When the battery level is below 20% the LED flashes Red slowly every 2 seconds

Sleeping mode

If the remote control does not operate for 1 second the device will enter sleeping mode and turn off after 10 seconds

Deleting the remote from the app

The red LED blinks twice when will this be required to be done. What are the steps required to delete the remote. How is this achieved. Need data here

OTA (Over The Air Update)

The OTA is a wireless update used to ensure the latest software updates are installed for the Aeron to operate correctly. During the OTA process the LED with flash green. When an OTA update is successful, the remote LED will illuminate Green for 3 seconds.

If the OTA update fails the LED will illuminate Red for 3 seconds

The OTA will automatically take place when an update is available. What is the trigger for the remote user to know an OTA is taking place? The app user will get a notification so no issue there.

Factory reset Remote

On the back of the remote, under the battery cover is a factory reset button. To factory reset the remote, (batteries must be in the remote when doing this???). Push a paperclip into the reset hole and press for 5 seconds. The LED on the front of the remote will flash green when the remote has been reset. Restarting the remote will automatically place it into pairing mode.

Glossary

Zone

Zone is a group of windows assigned to a particular area “zone”

Bridge

The bridge connects to your Aeron actuator module via Bluetooth and it connects to your Wi -Fi router and Yale server, which gives you the ability to control your actuator from the app remotely.