



Aeron[®] Remote User Guide





OPERATING WINDOWS

For windows to be controlled via a remote the remote must be paired with the Yale Connect Plus Hub 2. Windows can be paired to operate as a group or individually.

Remote is used for the following functions

- Window control
- Pairing Aeron window actuators
- Pairing Connect Plus Hub 2
- Creating window Groups
- Deleting windows or Groups



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.
- Group 1 by default are all the actuators. This group cannot be edited. Only groups 2-4 can be edited.



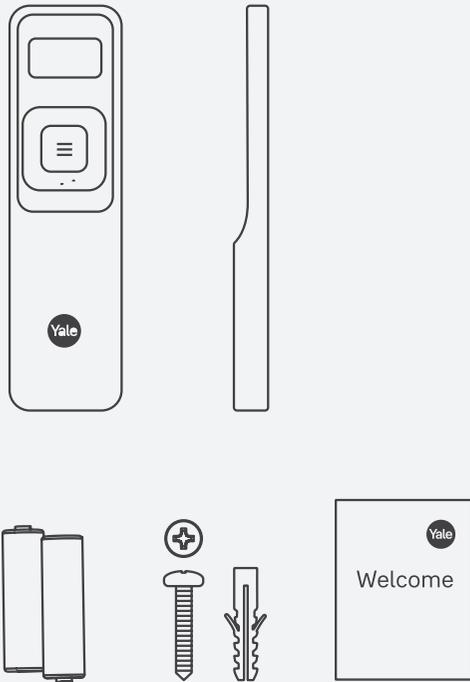
Individual window pairing

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

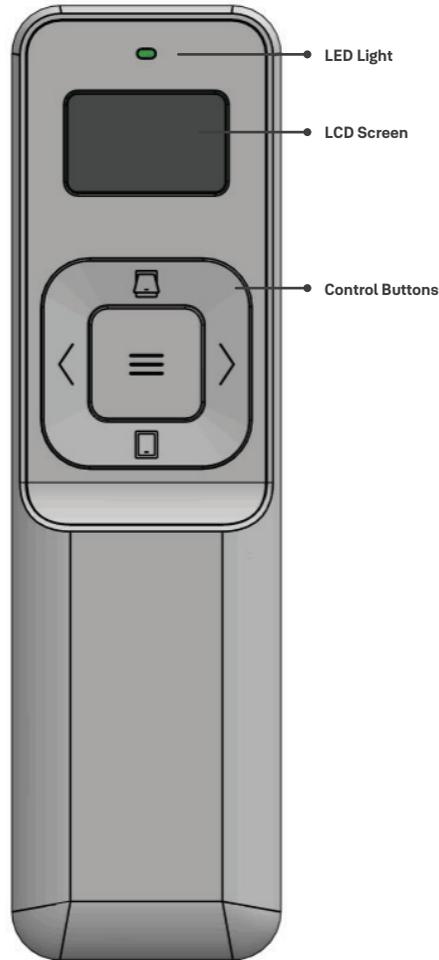


Box content

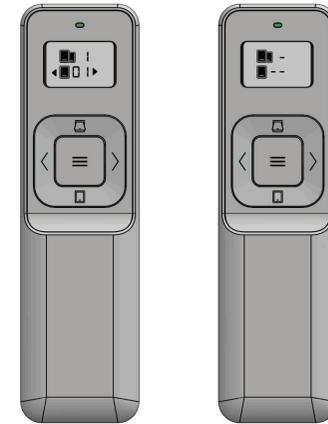
- Remote x 1
 - Cradle x 1
 - AA Batteries x 2
 - Screws x 2 and actuator plugs x 2
 - Quick starter guide x 1
- Note:** Remote is held into the actuatorll cradle with magnets.



Remote overview

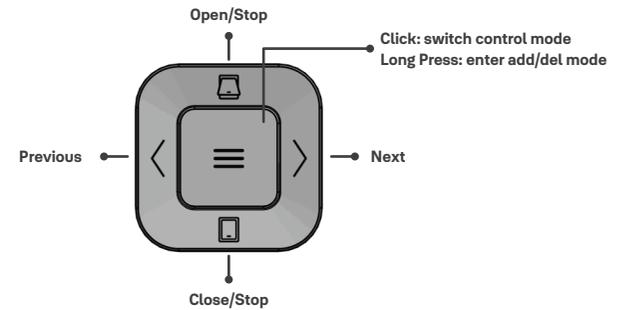


Default state:



Default state after pairing

No window connected



LCD SCREEN



All Icons



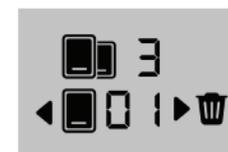
Device Control



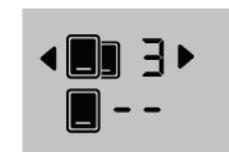
Group Control



Add



Delete



No Actuators
in Group



GROUP CONTROL

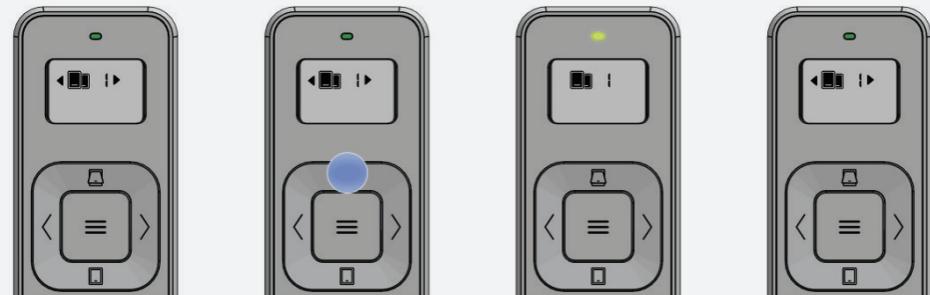
Note: the remote has maximum four groups. User cannot customise # of groups.

Switch to group control



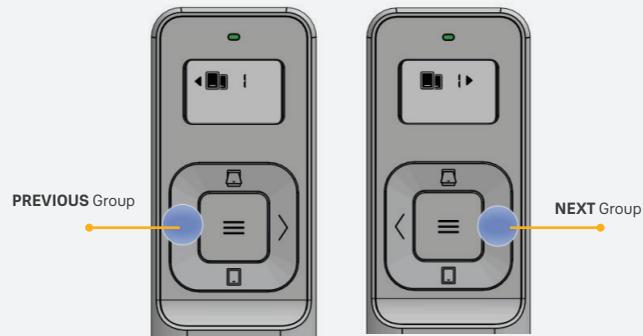
1. At device control state
2. Click CONFIRM
3. Final State

Open a group of windows

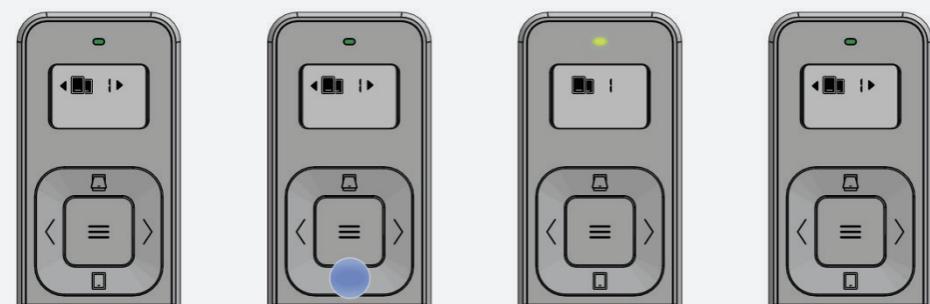


1. At device control state
2. Click OPEN
3. Window opening (LED light up; left & right arrow disappear)
4. Click OPEN again, to stop opening

Select window group



Close a group of windows

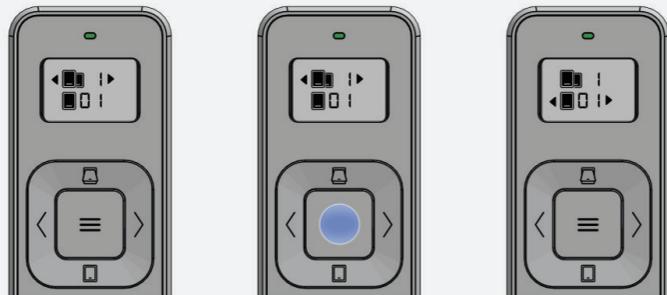


1. At device control state
2. Click CLOSE
3. Window closing (LED light up; left & right arrow disappear)
4. Click CLOSE again, to stop opening

DEVICE CONTROL (SINGLE WINDOW)

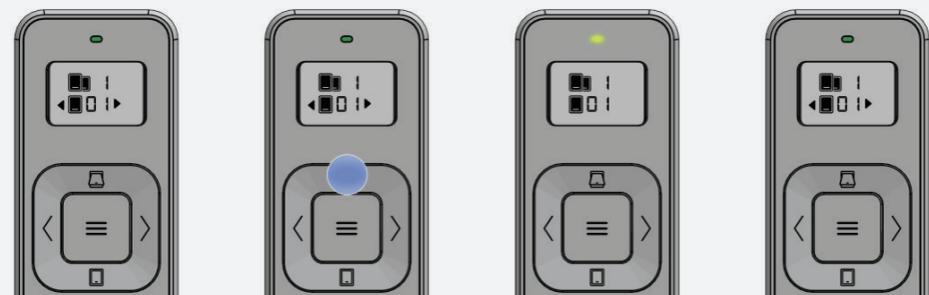


Switch to device control



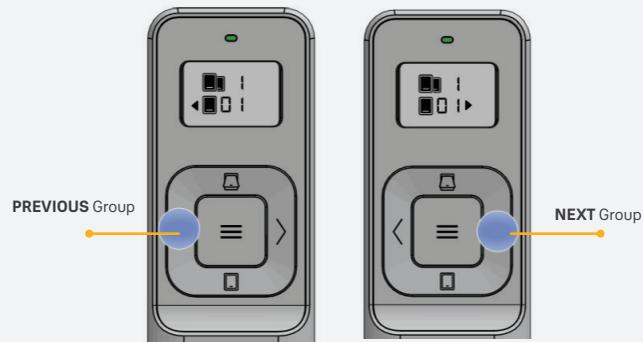
1. At device control state
2. Click CONFIRM
3. Final State

Open a window

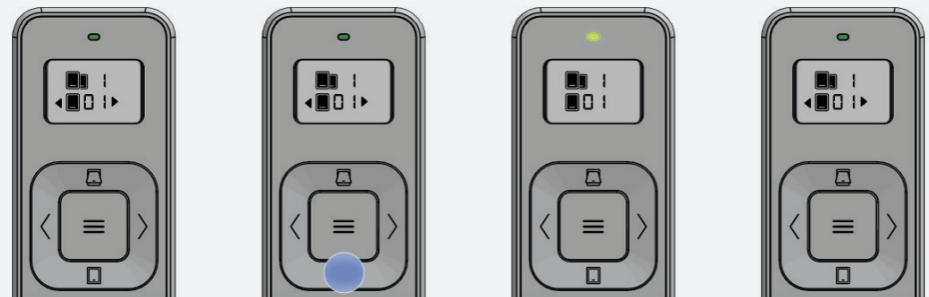


1. At device control state
2. Click OPEN
3. Window opening (LED light up; left & right arrow disappear)
4. Click OPEN again, to stop opening

Select window group



Close a window



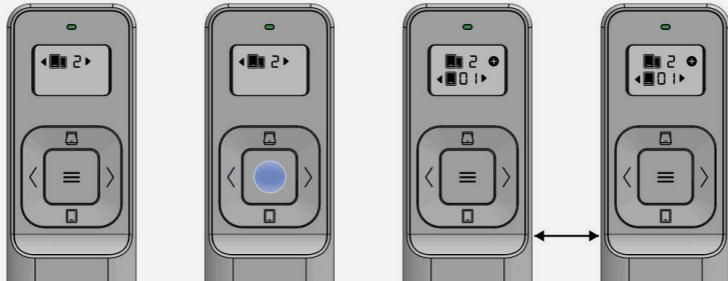
1. At device control state
2. Click CLOSE
3. Window closing (LED light up; left & right arrow disappear)
4. Click CLOSE again, to stop opening



ADDING MODE

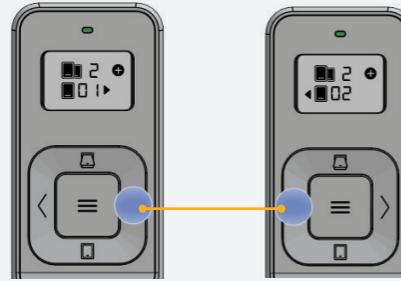
Add a window actuator to a group

Enter adding mode



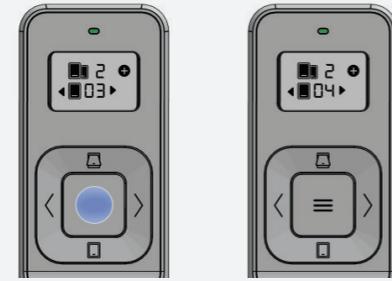
1. At group control state
2. Press CONFIRM for 3 seconds
3. Enter adding mode, indicator, switch to Actuator, Actuator flashes (showing all window actuators)

Find the Actuator to add



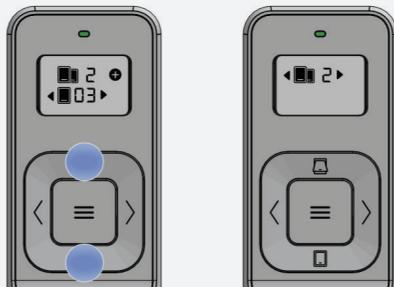
- Use Left or Right control buttons to find the window actuator required to be added

CONFIRM



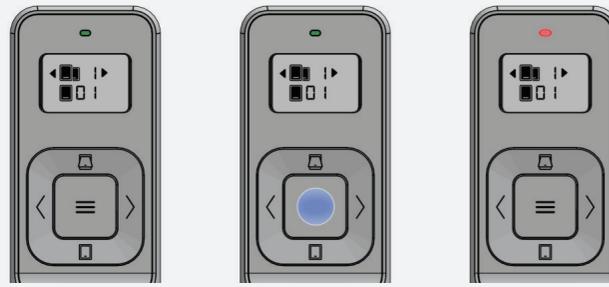
1. Click CONFIRM
2. Final state

Exiting adding mode



1. Click OPEN or CLOSE
2. Final state

Add to group (group 1)



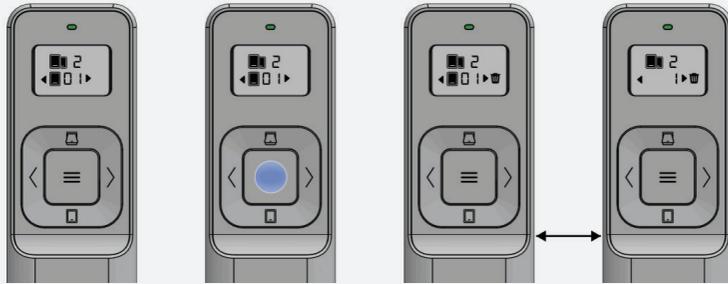
1. At group control state
2. Press CONFIRM for 3 seconds
3. LED flashes red



DELETING MODE

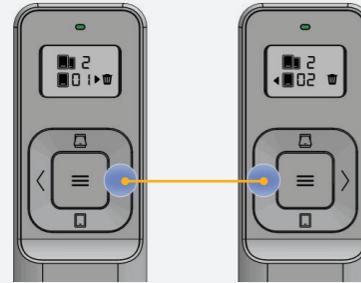
Delete a window actuator from a group

Enter deleting mode



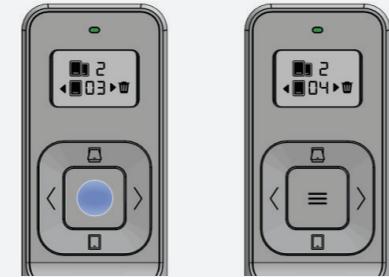
1. At device control state
2. Press CONFIRM for 3 seconds
3. Enter deleting mode, Actuator flashes (showing all window actuators)

Find the Actuator to add



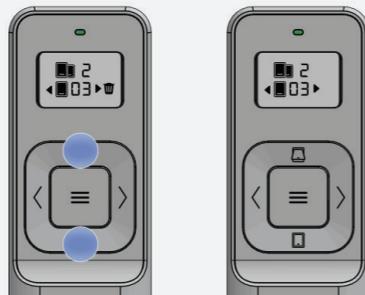
1. Find actuator you want to delete using Right or Left buttons

CONFIRM



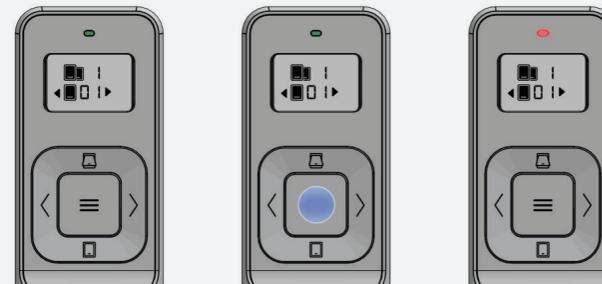
1. Click CONFIRM
2. Final state

Quit deleting mode



1. Click OPEN or CLOSE
2. Final state

Add to group (group 1)



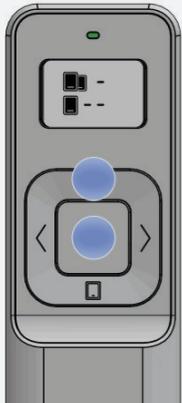
1. At device control state
2. Press CONFIRM for 3 seconds
3. LED flashes red in delete mode. Press central control button to confirm selection



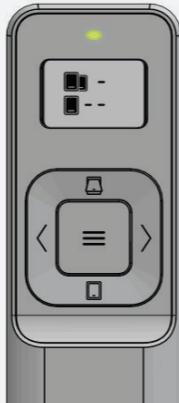
PAIRING MODE

How to pair Aeron actuators when in pairing mode

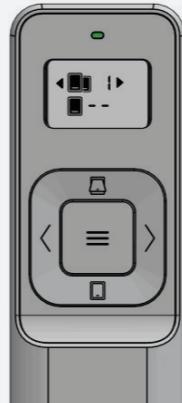
Enter pairing mode



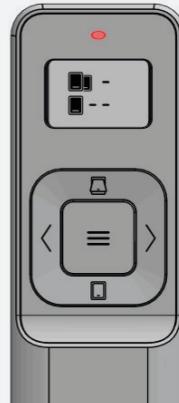
1. Press CONFIRM & OPEN for 5s-10s



2. Pairing (green light blinking)

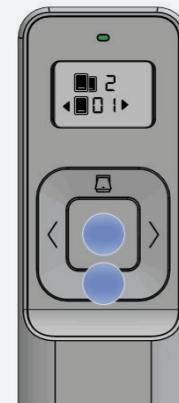


3. Success (solid green)

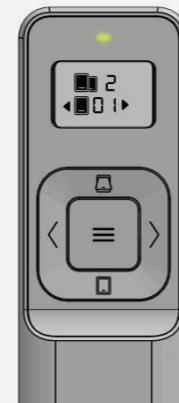


4. Fail (red light flash twice)

Pairing request to Actuators



1. Press CONFIRM & CLOSE for 5s-10s



2. Signal sent successfully (green light turns on for 1s)



3. Failed sending signal, red light flashes twice

Note: It is only necessary to go through the above pairing steps if the unit has been powered on longer than 5 minutes

FACTORY RESET



Single Actuator reset

If required, a single actuator can be factory reset when it is not performing correctly. **Ensure the actuator that is to be reset is selected** then follow the steps below.



1. Press CONFIRM & NEXT for 5s-10s



2. Signal sent successfully (green light turns on for 1s)



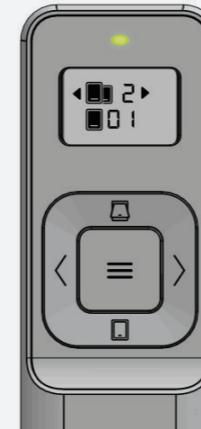
3. Failed sending signal, red light flashes twice

Group Actuators reset

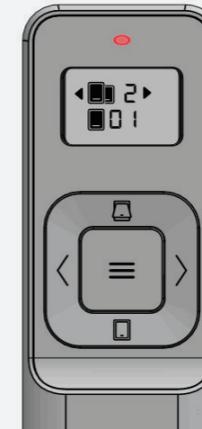
If required actuators in a Group can be factory reset when the actuators are not performing correctly. **Ensure the actuator that is to be reset is selected** then follow the steps below.



1. Press CONFIRM & NEXT for 5s-10s



2. Signal sent successfully (green light turns on for 1s)



3. Failed sending signal, red light flashes twice

Note: Single actuator reset can also be performed via the setting in the app.



ENGINEERING MODE

This mode is used when the actuators are first being setup and there is no Wi-Fi connection available.

Installer/electrician can press open/close to check the window performance. 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 5 minutes from the actuator being powered. After 5 minutes the user will have to repower the actuator to connect the app.

Once the remote has been setup + connected to the app, Engineering Mode is disabled and cannot be entered again. Even if the devices have been factory reset.



1. Press CONFIRM & LEFT for 5s-10s to activate Engineering mode



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



WARNING LIGHTS

Low Battery Alert

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

Sleep Mode

If the remote control does not operate for 10 seconds, the device will enter sleep mode.

OTA (Over The Air Update)

The OTA is a wireless update used to ensure the latest actuator software updates are installed for the Aeron to operate correctly. During the OTA process the LED will 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.

Factory Reset Remote

If the remote has paired to the app, you must first reset the remote on the app. On the back of the remote, under the battery cover is a reset button. Push a paperclip into the reset hole and press for 5 seconds. Ensure the batteries are still installed in the remote. The LED light 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

Group

Group is a group of windows assigned to a particular area "Group".

Hub

The hub connects to your Aeron actuator module via Zigbee. The hub also connects to your Wi-Fi router and Yale server, which gives you the ability to control your actuators from the app remotely.



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