Manuals+ — User Manuals Simplified.

Yale EBOSS AERON System Zigbee Remote User Guide

Contents

Yale EBOSS AERON System Zigbee Remote

Product Information

The product is a remote-controlled window operating system that can be paired with the Yale Connect Plus Hub 2. It allows users to control their windows individually or as a group. The remote control is equipped with an LED light, LCD screen, and control buttons for various functions. The remote comes with a magnetic actuator cradle to securely hold the remote.

Box Content:

- Remote control

Remote Overview:

- LED Light
- LCD Screen
- Control Buttons

Default State:

- No window connected
- Open/Stop button
- Previous button
- Next button
- Close/Stop button

Default State after Pairing:

- Device Control Icons
- Group Control Icons
- Add Icon
- Delete Icon
- No Actuators in Group message

Group Control:

The remote control supports up to four groups for controlling multiple windows simultaneously. The number of groups cannot be customized by the user.

Switch to Group Control:

1. Ensure the remote is in the device control state.
2. Click the CONFIRM button.

Open a Group of Windows:

1. Ensure the remote is in the device control state.
2. Click the CONFIRM button.
3. Select the desired window group.

Close a Group of Windows:

1. Ensure the remote is in the device control state.
2. Click the CLOSE button.

Device Control (Single Window):

Switch to Device Control:

1. Ensure the remote is in the device control state.
2. Click the CONFIRM button.

Open a Window:

1. Ensure the remote is in the device control state.
2. Click the OPEN button.

Close a Window:

1. Ensure the remote is in the device control state.
2. Click the CLOSE button.

Adding Mode:

Add a Window Actuator to a Group:

1. Ensure the remote is in the group control state.
2. Press and hold the CONFIRM button for 3 seconds.
3. The remote enters adding mode, and the actuator flashes to indicate available window actuators.
4. Use the Left or Right control buttons to find the desired window actuator to add.
5. Click the CONFIRM button to add the actuator to the selected group.

Deleting Mode:

Delete a Window Actuator from a Group:

1. Ensure the remote is in the device control state.
2. Press and hold the CONFIRM button for 3 seconds.
3. The remote enters deleting mode, and the actuator flashes to show available window actuators.
4. Use the Left or Right control buttons to find the actuator you want to delete.
5. Click the CONFIRM button to delete the actuator from the group.

Pairing Mode:

To pair Aeron actuators when in pairing mode:

Enter Pairing Mode:

1. Press and hold the CONFIRM and OPEN buttons for 5-10 seconds.
2. The remote enters pairing mode, indicated by a blinking green light.

Pairing Request to Actuators:

- If pairing is successful, the green light stays solid.
- If pairing fails, the red light flashes twice.

Signal Sent Successfully:

- To send a signal successfully, press and hold the CONFIRM and CLOSE buttons for 5-10 seconds.

- The green light will turn on for 1 second.

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 editted. Only groups 2-4 can be editted.
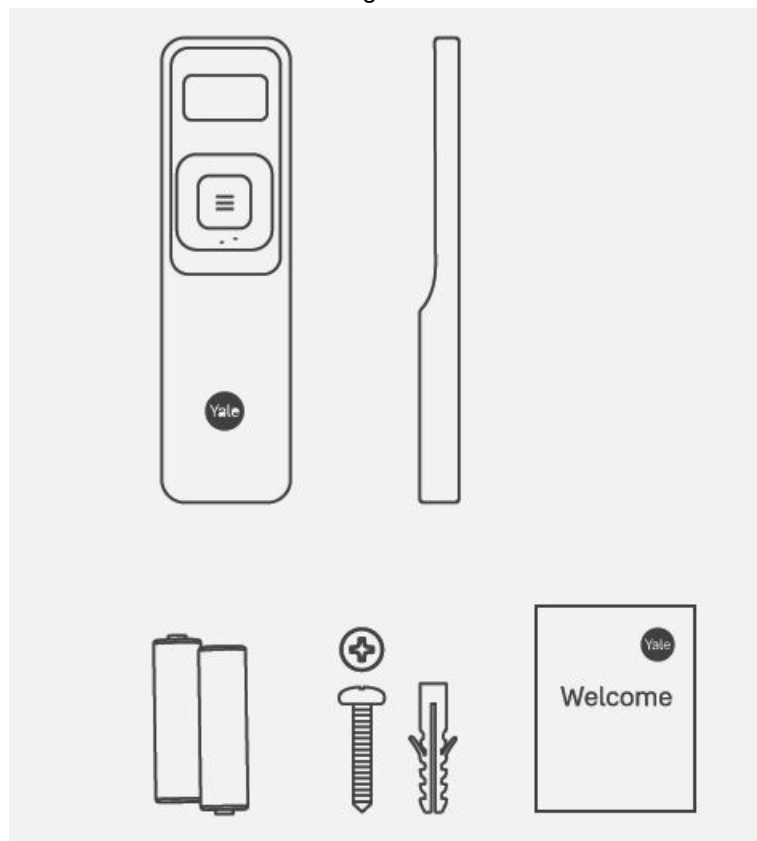
Individual window pairing

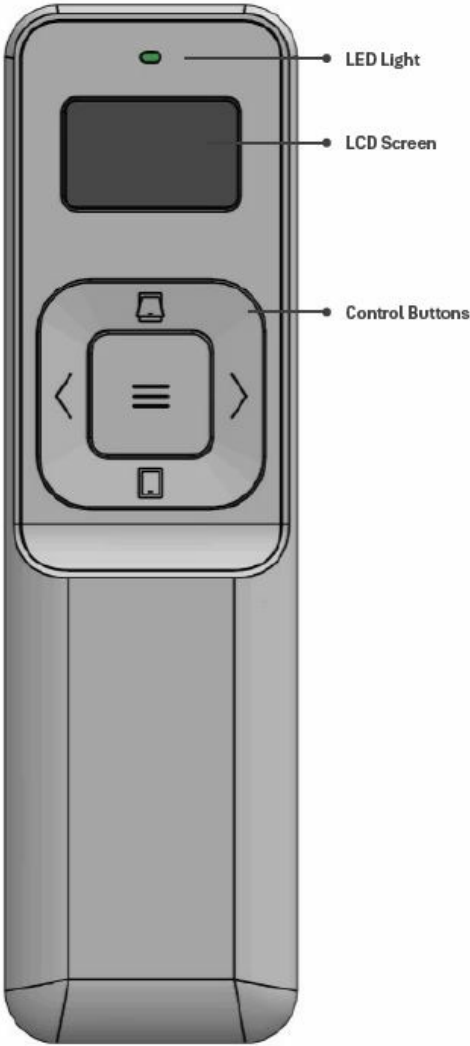A maximum of 30 individual windows and can be controlled via the remote

Box content

- Remote x 1
- Cradle x 1
- AA Batteries x 2
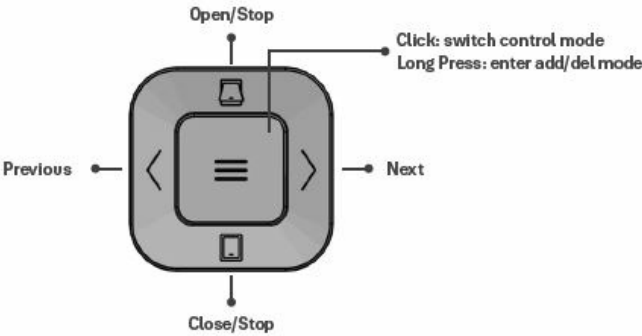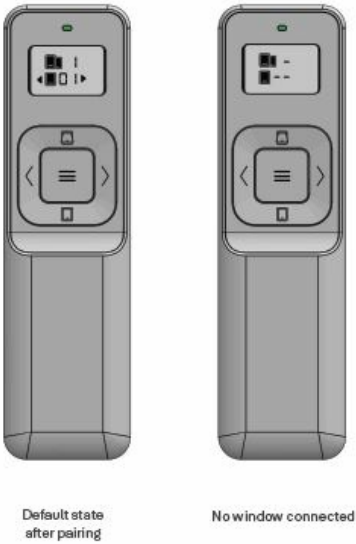- Screws x 2 and actuator plugs x 2
- Quick starter guide x 1

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

Remote overview

LED Light

LCD Screen

Control Buttons

Default state:

Default state
after pairing

No window connected

Open/Stop

Click: switch control mode
Long Press: enter add/del mode

Previous

Next

Close/Stop

LCD SCREEN

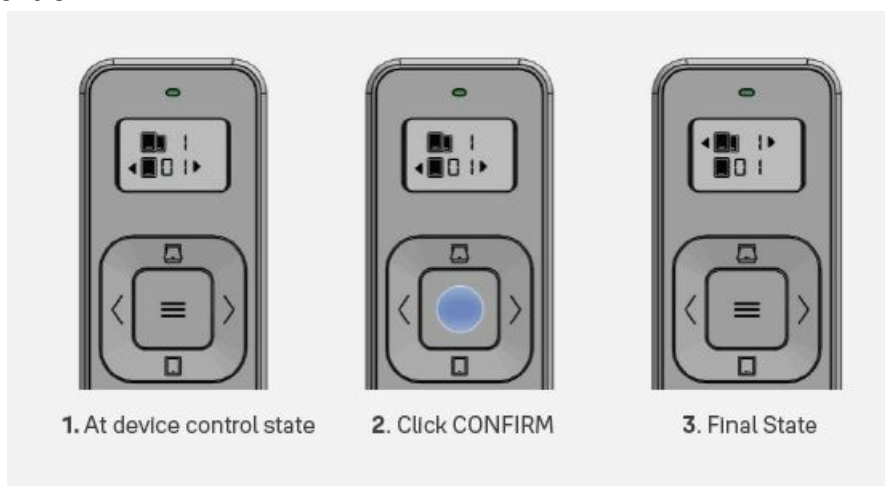| All Icons | Device Control | Group Control | Add | Delete | No Actuators in Group |

GROUP CONTROL

Note: the remote has maximum four groups. User cannot customise # of groups.
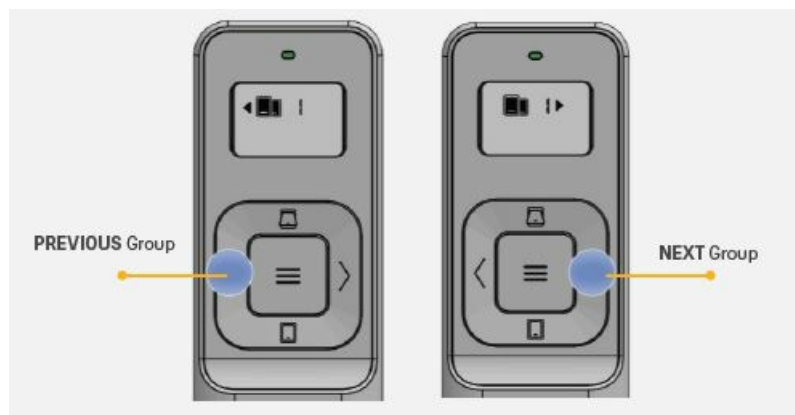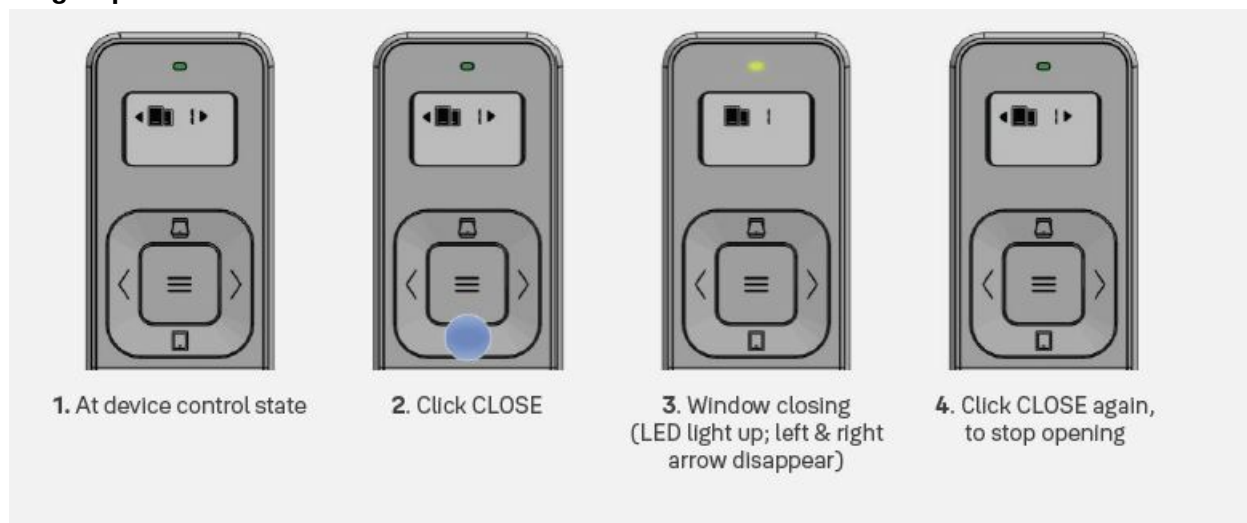
Switch to group control

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

PREVIOUS Group
NEXT 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)

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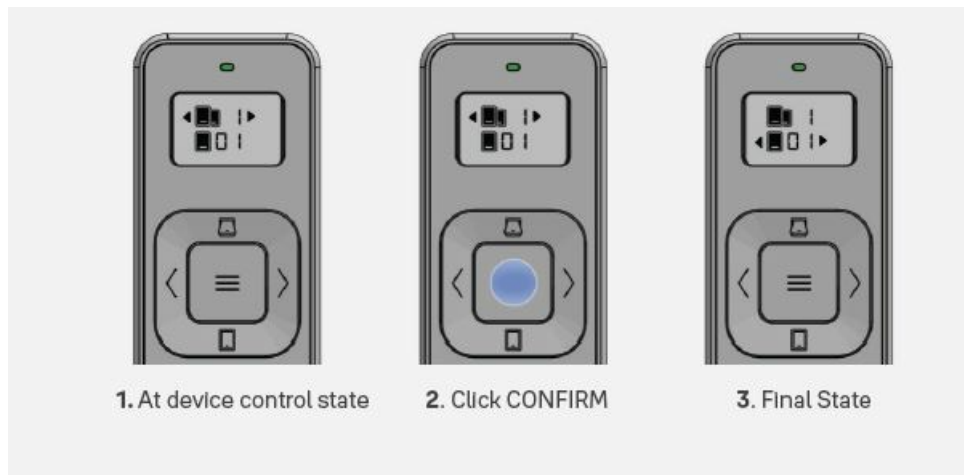
1. At device control state
2. Click CONFIRM
3. Final State

2. 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

3. Select window group

PREVIOUS Group

NEXT Group

4. 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
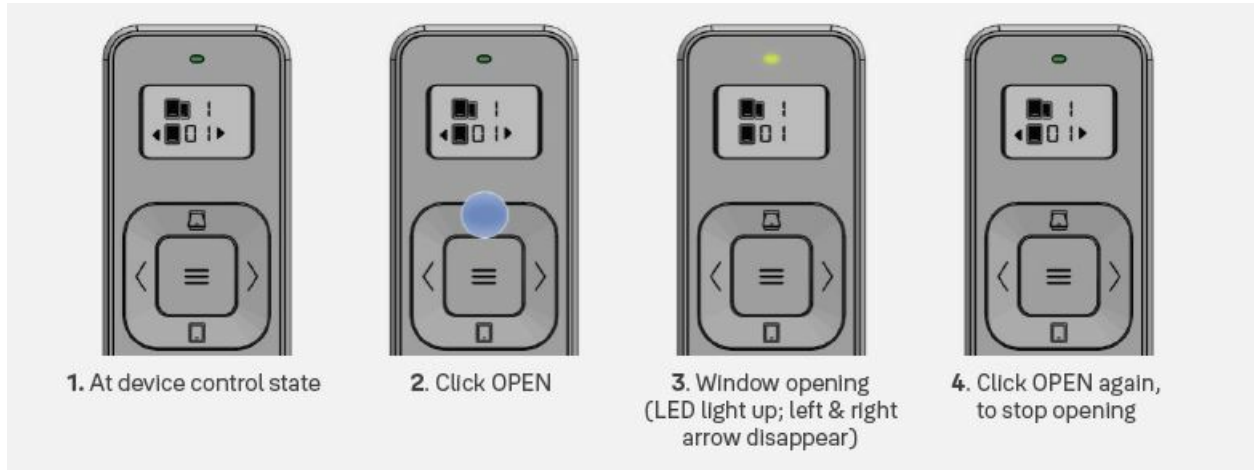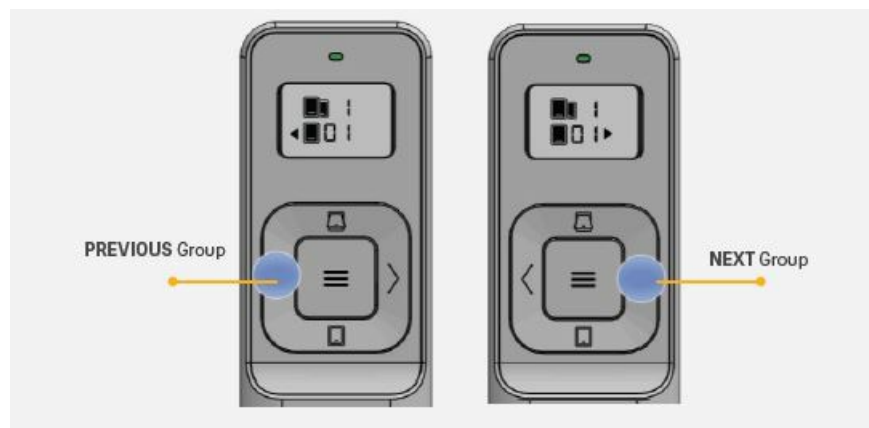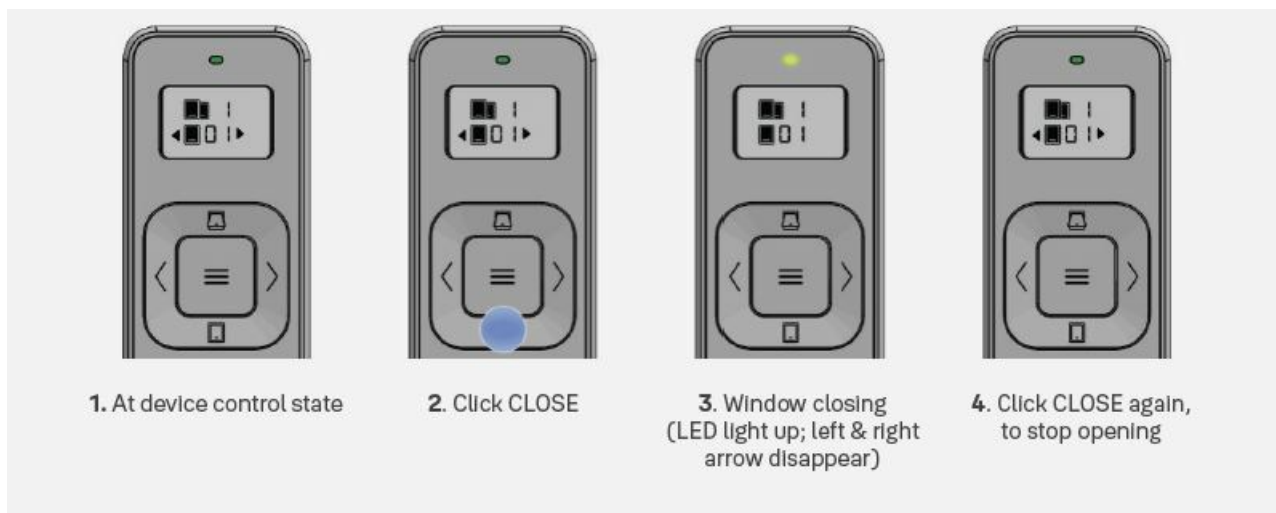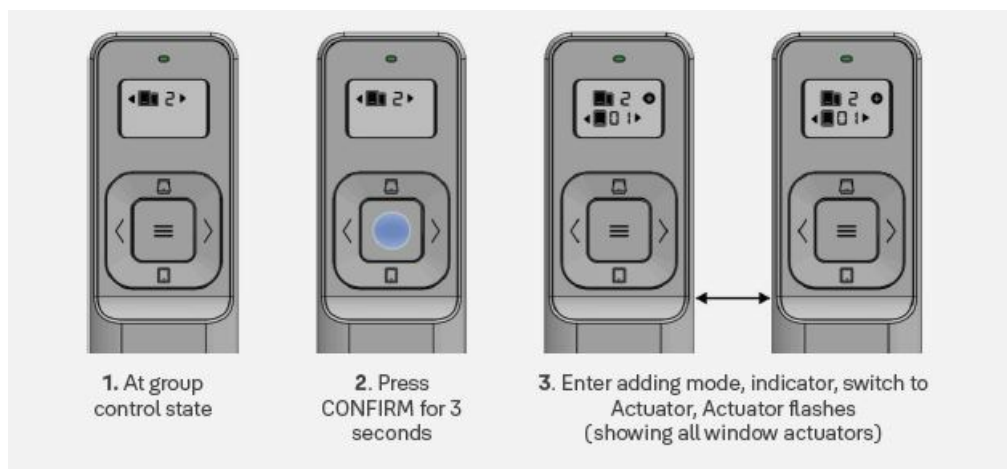
ADDING MODE

Add a window actuator to a group

- Enter adding mode
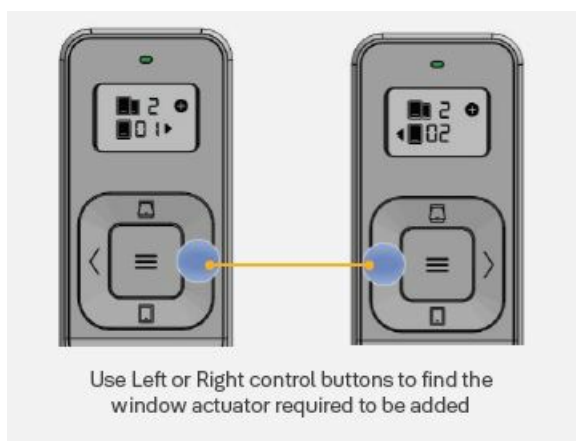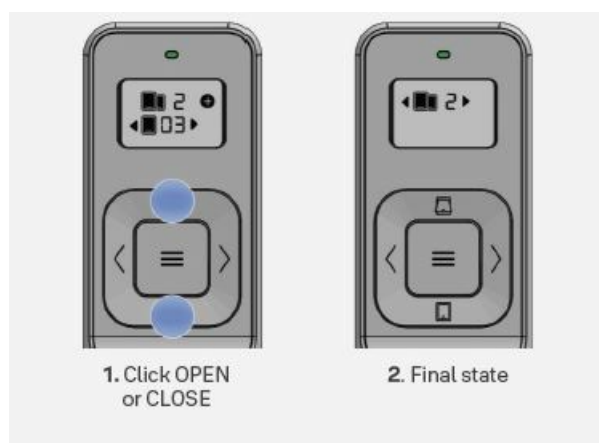
1. At group control state

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 OPEN or CLOSE

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
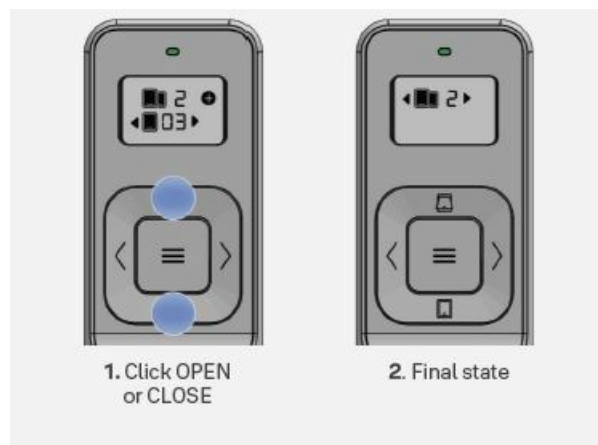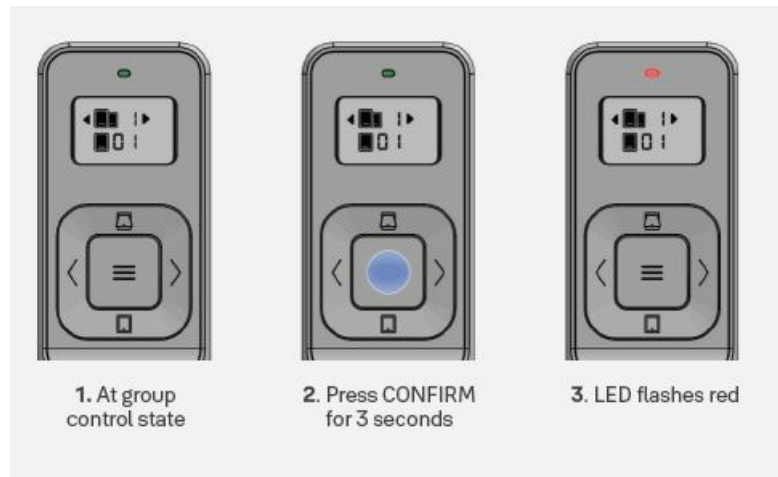
DELETING MODE

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

Find actuator you actuatornt 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
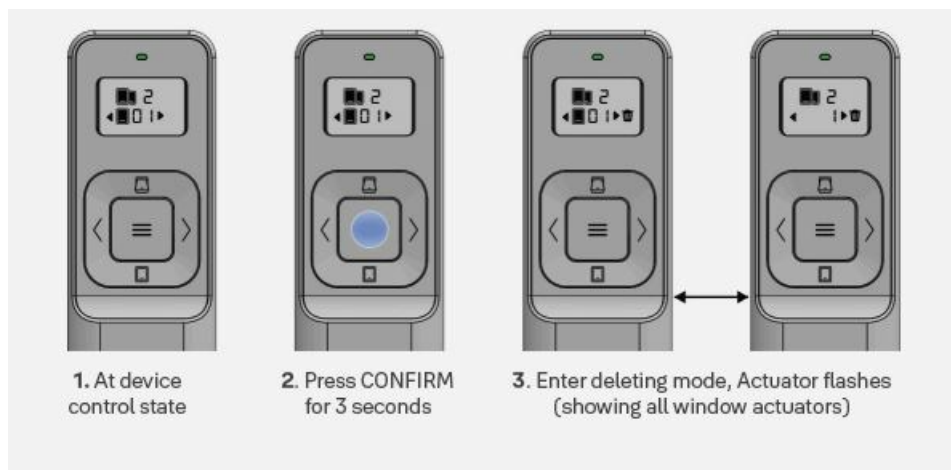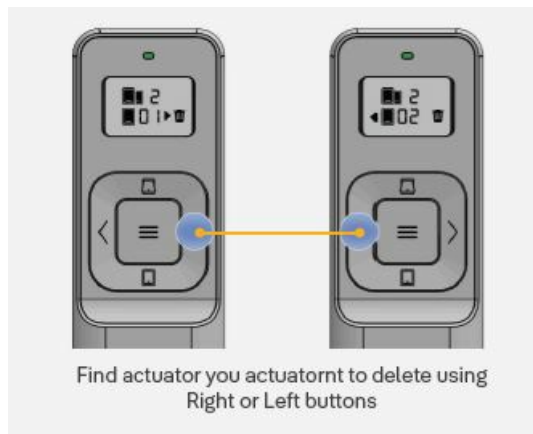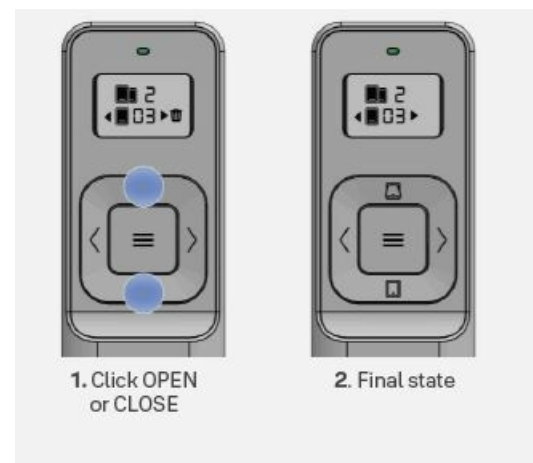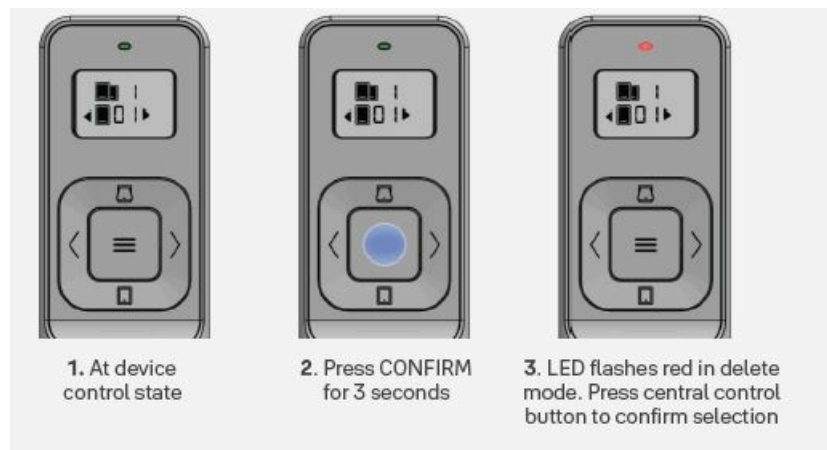
PAIRING MODE

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)
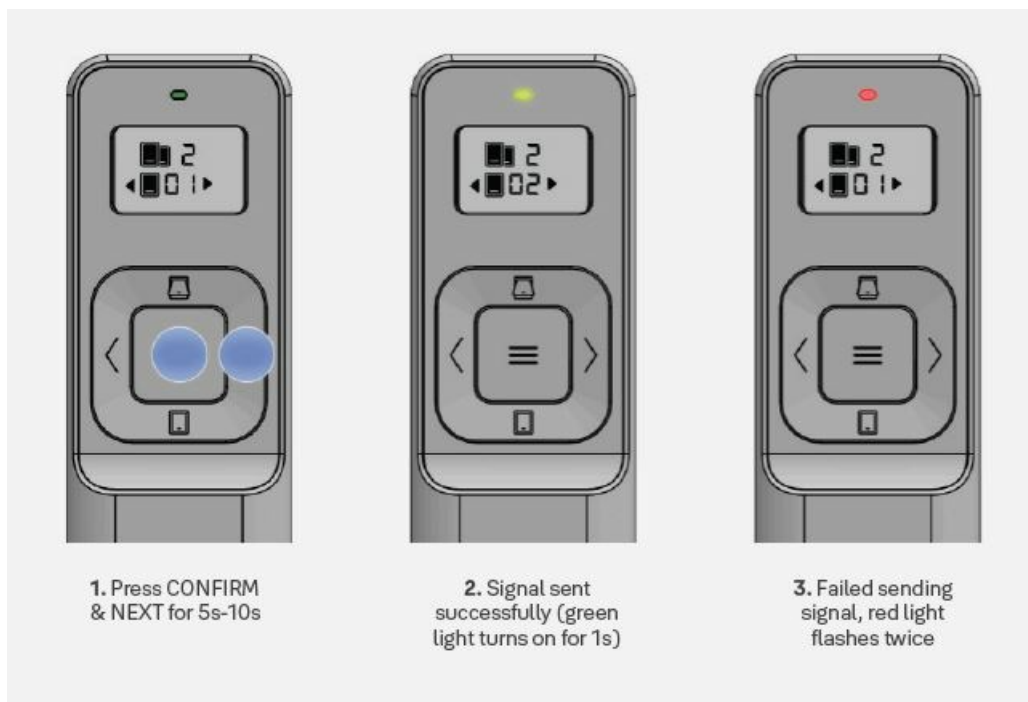3. Failed sending signal, red light flashes twice
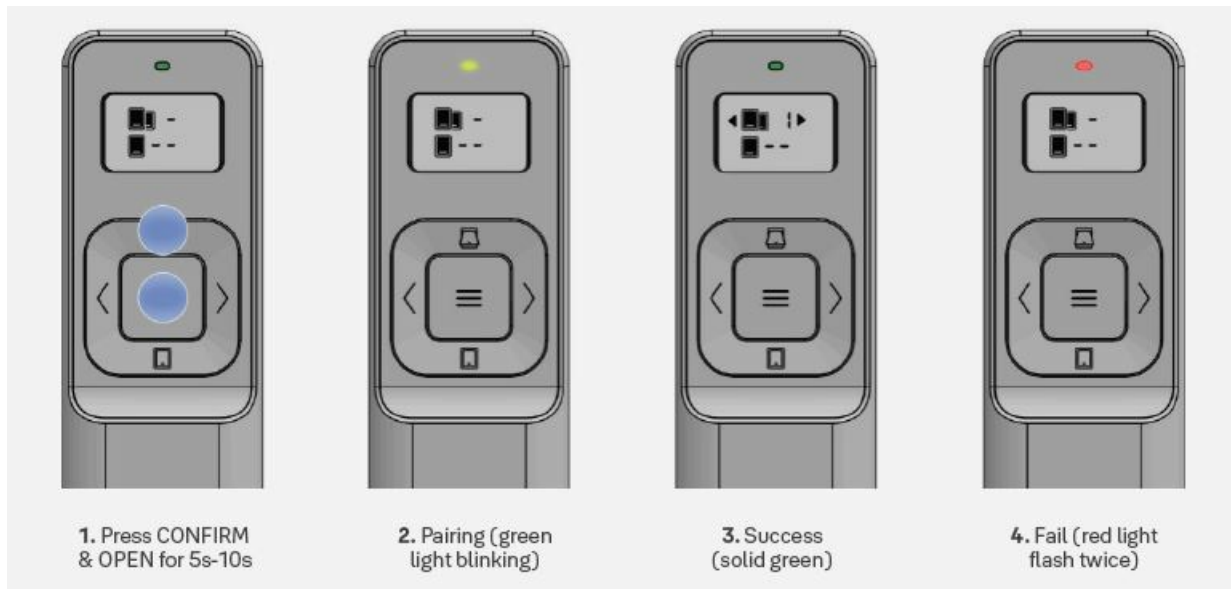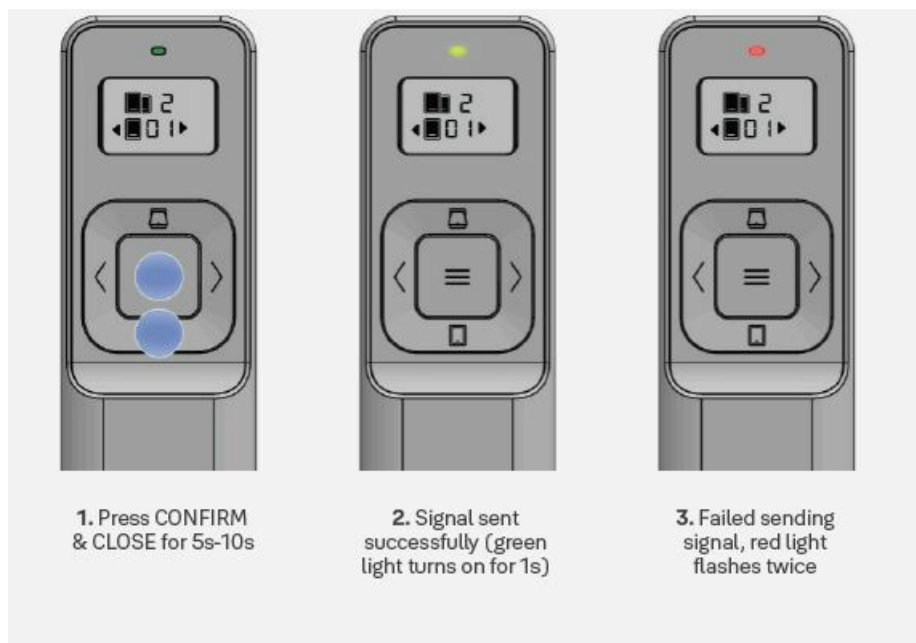
Note: It is only necessary to go through the above pairing steps if the unit has been powered on longer than 5 minutes
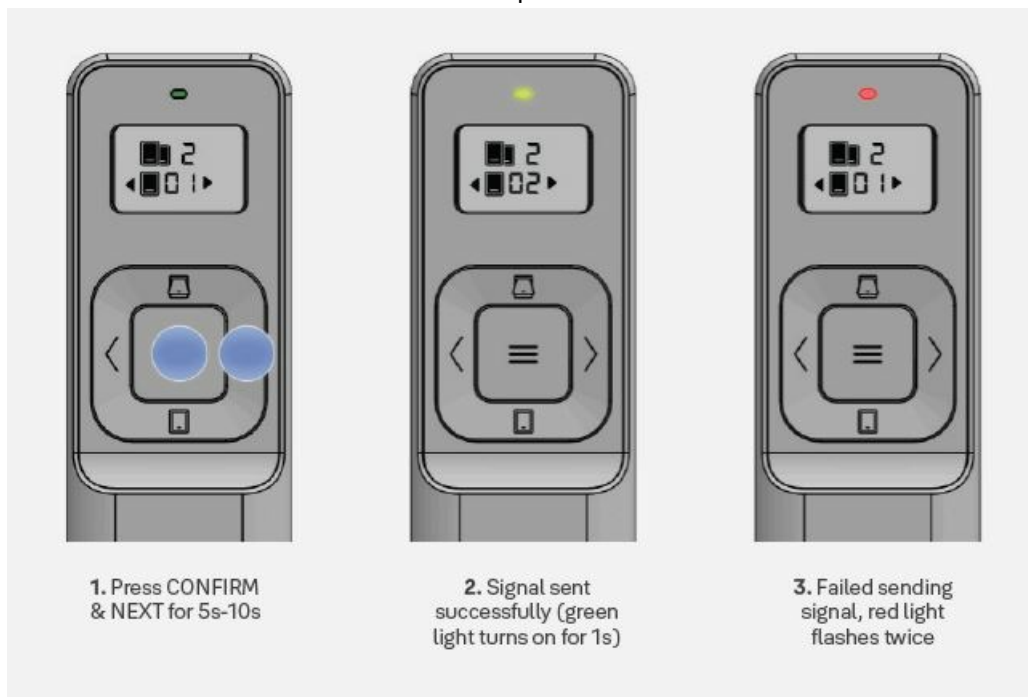
FACTORY RESET

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.
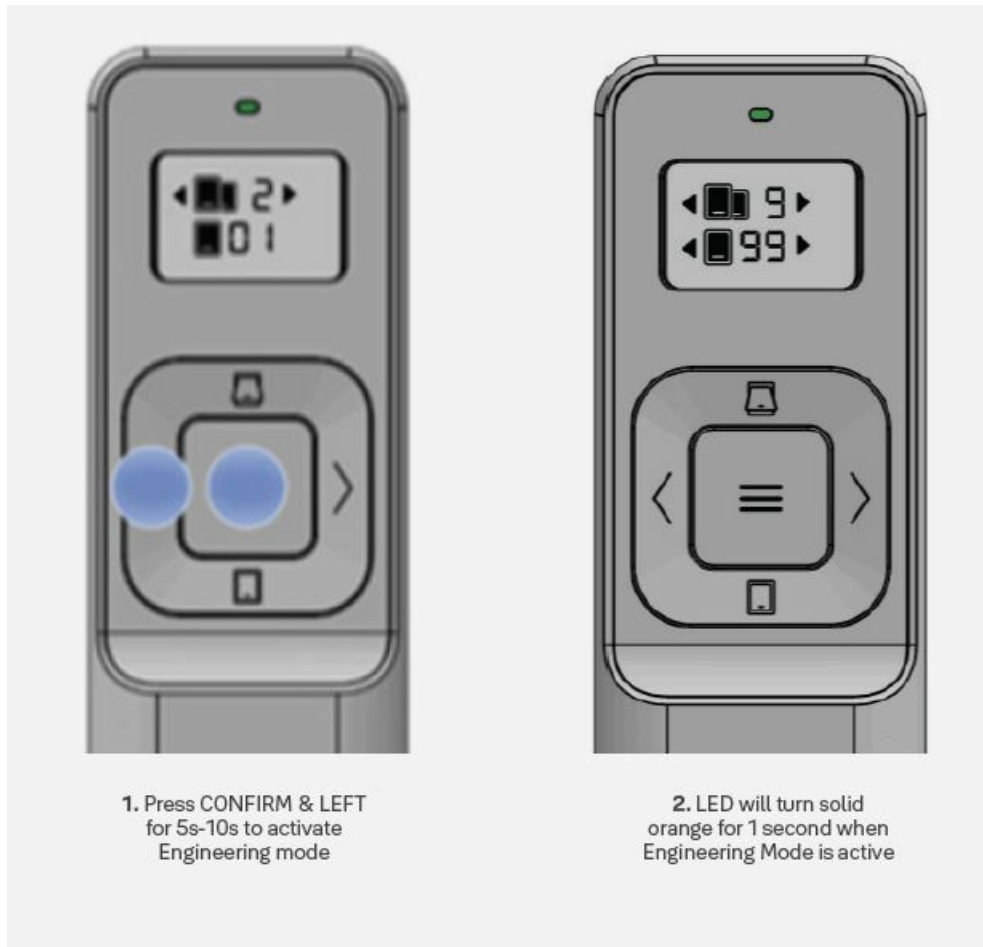 **Note**: When actuators are connected to power they will enter default mode. If a remote is placed into Engineering Mode, the powered actuators in range of the remote will also enter Engineering Mode. Engineering Mode will stay on until power is removed from the remote or actuator. An actuator must 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

Yale is trusted by millions of people every day to keep what's important to them safe.

- Our innovations have protected their homes, families and belongings for over 180 years. We have expanded from being a leader in mechanical lock engineering to innovating connected smart locks and homes. Because we alactuatorys make every effort to push the boundaries in a changing world.
- We were there for your grandparents (and probably theirs) and we'll be there for your children.
- ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY New Zealand Limited 6 Armstrong Road, Albany Auckland 0632, New Zealand
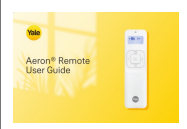**www.yalehome.com/nz**
For customer feedback: nzsales@assaabloy.com

ASSA ABLOY Australia Pty Ltd 235 Huntingdale Road, Oakleigh, Victoria, 3166
www.yalehome.com/au

For customer feedback:
customerservice.au@assaabloy.com

Documents / Resources

Aeron® Remote User Guide	**Yale EBOSS AERON System Zigbee Remote** [pdf] User Guide EBOSS AERON System Zigbee Remote, EBOSS, AERON System Zigbee Remote, System Zigbee Remote, Zigbee Remote

References

- **Yale Smart Locks, Digital Locks, Digital Safes, Padlocks, Home Automation | Yale**
- **Yale Welcome to Yale - Trusted every day. | Yale**