

Automated Honeycomb ZigBee HA1.2 Programming Instructions



These instructions are for building a simple-stand alone network, where no Qube or other control Gateway is used.



Read and understand each section before performing required steps
Refer to appropriate user manual whenever a **QMotion Gateway/Router** is **NOT** used to establish the ZigBee network. Instructions for allowing Routers and End Devices to join the ZigBee HA1.2 network will vary by manufacturer.

FIRST TIME SETUP

1. **INSTALL SHADE** following appropriate instructions
2. **REMOVE HEADRAIL** and **INSERT BATTERIES**
(Replace Headrail and continue network setup)

CREATE A NEW NETWORK (Range Extender)

1. **POWER** the **RANGE EXTENDER** using the provided power supply (Should be centrally located to shades)
2. **PRESS** and **HOLD** the **NETWORK** button until the **GREEN LED** illuminates (Green LED illumination indicates the network is active)

ADD REMOTE TO NETWORK

1. **PRESS** and **RELEASE** the **NETWORK** button on the **RANGE EXTENDER**
(Red LED will pulsate on network coordinator/routers)
2. **PULL BATTERY TAB** from Remote
3. Use a paperclip to **PRESS** the **PROGRAM** button on back of the remote
(The channel LEDs will scroll back and forth when in program mode)
4. **PRESS ANY BUTTON** on the remote to join network
(Green LED will flash when remote joins the network)

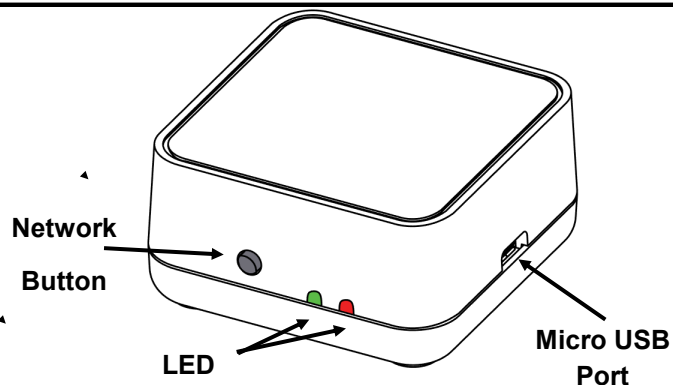
ADD SHADE TO NETWORK

1. **PRESS** and **RELEASE** the **NETWORK** button on the **RANGE EXTENDER**
(Red LED will pulsate on network coordinator/routers)
2. **TUG** the **HEMBAR 6-10 inches**
(Shade will JOG in response)

PAIRING REMOTE TO HONEYCOMB SHADE

(Both shade and remote must be connected to the network before they can be paired together)

1. Use a paperclip to **PRESS** the **PROGRAM** button on the back of the remote (Channel LEDs will scroll back and forth)
2. **PRESS** and **RELEASE** the **UP** button
(Shade will JOG in response)
3. **TUG** the **HEMBAR 6-10 inches**
(Shade will JOG and move to the Upper Limit)



Range Extender
ZigBee Router

Range Extender: Green LED will flash rapidly for 1 second when a device (Shade/Remote) joins the network

ADD RANGE EXTENDER TO ZIGBEE NETWORK

1. **PRESS** and **RELEASE** the **NETWORK** button on the first Range Extender that created the ZigBee network
(The green LED will be a solid illumination, the red LED will begin to pulse when the network is open for joining)
2. **PRESS** and **RELEASE** the **NETWORK** button on Range Extender to be added to the network
(The green LED will illuminate and blink when it has joined the ZigBee network)
3. The Range Extender green LED will continue to pulse, showing that it has extended the ZigBee network.

SETTING LOWER LIMIT

1. **PRESS** and **RELEASE** the **DOWN** button
(Shade will move to Lower Limit)
2. **PRESS** and **HOLD** the **DOWN** button **UNTIL** the shade moves downward and JOGS
3. **TUG** the **HEMBAR 6-10 inches**
(Shade will JOG in response)
4. **ADJUST HEMBAR** to desired position
(Manually roll shade by hand if necessary)
5. **PRESS** and **HOLD** the **DOWN** button
(Shade will JOG when learned)

! IMPORTANT !

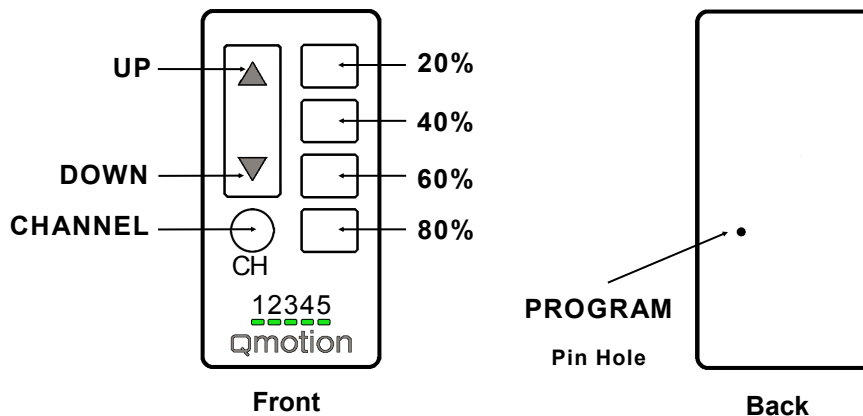
Lower Limit Position must be set prior to using the **PRESET** positions (**20%, 40%, 60%, 80%**). These positions are based on the Lower Limit Position of the shade. When learning new positions, the button currently being programmed (after Step 3. TUG) will not send commands to the shade.

Example 1: When learning a new Lower Limit Position, the **DOWN** button is disabled. The shade can still be adjusted using the **UP** button (or manually adjust the shade by hand).

Example 2: When learning a new Upper Limit Position, the **UP** button is semi-disable. Only by pressing the **UP** button **3** times will the shade move to the up position (or manually adjust the shade up by hand).

SETTING UPPER AND LOWER LIMITS / LEARNING A NEW POSITION

1. **PRESS** the (**UP, DOWN, or PRESET**) button that will be programmed (Shade will move to selected position)
2. **PRESS** and **HOLD** the same (**UP, DOWN, or PRESET**) button **UNTIL** shade **JOGS**
3. **TUG** shade **6-10 inches** (Shade will JOG in response)
4. **ADJUST** shade to desired position (Use **UP/DOWN** buttons or manually adjust shade by hand)
5. **PRESS** and **HOLD** the same (**UP, DOWN, or PRESET**) button (Shade will JOG when learned)



QdR Remote

UNLEARN A REMOTE FROM SHADE

(Shade at Upper Limit)

1. **PRESS** and **RELEASE** the **CHANNEL** button to select the channel currently paired to the shade
2. Use a paperclip to **PRESS** the **PROGRAM** button on back of the remote
3. **PRESS** and **RELEASE** the **DOWN** button (Shade will JOG in response)
4. **TUG** the shade **6-10 inches** (Shade will JOG and move to the Upper Limit)

BATTERY REPLACEMENT (See illustration on Pg. 3)

1. **REMOVE** the **END CAP**
2. **REMOVE** the **HEADRAIL**
3. **REPLACE** batteries with **NEW D-CELL** Alkaline batteries
4. **REPLACE** **HEADRAIL** and **END CAP**

REMOVE REMOTE FROM NETWORK

1. Use a paperclip to **PRESS** the **PROGRAM** button on back of the remote three (3) times quickly

MANUALLY ADJUST THE SHADE

- 1. REMOVE** the **END CAP**
- 2. REMOVE** the **HEADRAIL**
- 3. REMOVE** the **MOTOR SET SCREW** from the back of the shade assembly
- 4. SLIDE** the **MOTOR** (with batteries) out of the shade assembly
- 5. MANUALLY ADJUST** shade **HEMBA**R by hand
- 6. REPLACE** the **MOTOR** into the shade assembly making sure to align the notched guide rails and slide the motor until it is fully seated inside the shade assembly
- 7. REPLACE** the **MOTOR SET SCREW**, the **HEADRAIL**, and **END CAPS**

