

# Qadvanced Roller Shade ZigBee HA1.2 Programming Instructions



## ⚠ IMPORTANT ⚠

### 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.

#### 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

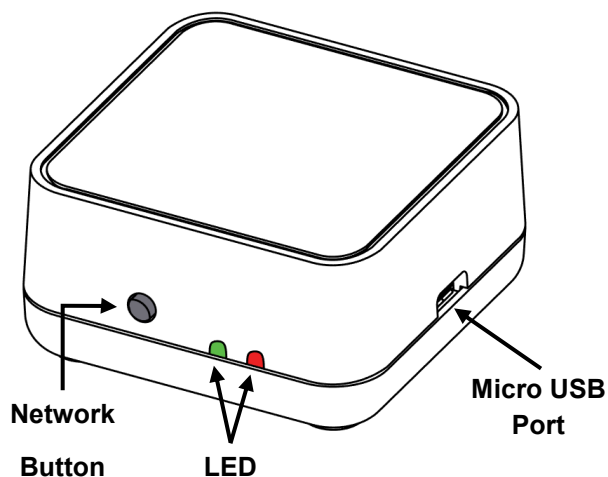
1. **PRESS** and **RELEASE** the **NETWORK** button on the **RANGE EXTENDER**  
(Red LED will pulsate on network coordinator/routers )
2. **PULL BATTERY TAB** from Remote
3. Use a paperclip to **PRESS** the **PROGRAM** button on back of the remote  
(The channel LEDs will scroll back and forth when in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

#### PAIR REMOTE TO SHADE

1. **PRESS** and **RELEASE** the **CHANNEL** button to select the channel that will control the shade
2. **PRESS** the **PROGRAM** button on the back of the remote
3. **PRESS** and **RELEASE** the **UP** button  
(Shade will JOG in response)
4. **TUG** the **HEMBAR 6-10 inches**  
(During Step 3, multiple shades can be tugged to learn the same remote)



### Range Extender ZigBee Router

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

#### SETTING LOWER LIMIT (See Pg. 2 for more details)

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 !

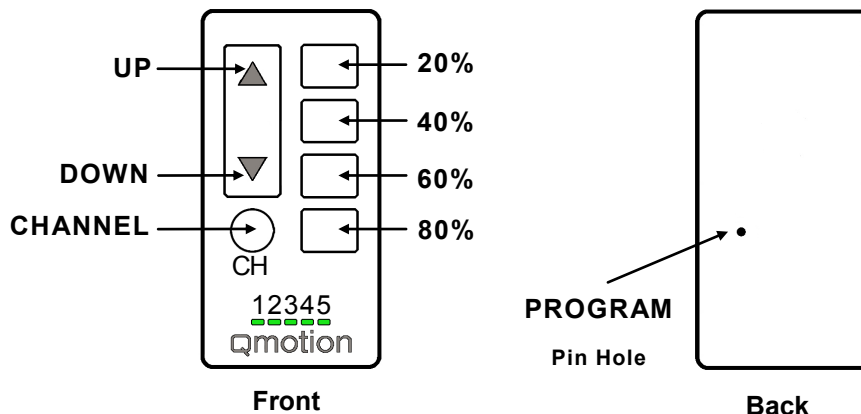
Lower Limit Position must be set prior to using the **PRESET** positions (**20%, 40%, 60%, 80%**). These positions are based on the Lower Limit Position of the shade. When learning new positions, the button currently being programmed (after Step 3. TUG) will not send commands to the shade. After Step 5 all buttons resume full functionality.

**Example 1:** 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 roll the shade up by hand).

**Example 2:** When learning a new Lower Limit Position, the **DOWN** button is disabled. The shade can still be adjusted using the **UP** button (or manually roll the shade by hand).

### SETTING UPPER AND LOWER LIMITS / LEARNING A NEW POSITION

1. **PRESS** and **RELEASE** 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** the shade **JOGS**
3. **TUG** shade **6-10 inches** (Shade will JOG in response)
4. **ADJUST** shade to desired position (Manually roll shade by hand if necessary)
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. Use a paperclip to **PRESS** the **PROGRAM** button on back of the remote
2. **PRESS** and **RELEASE** the **DOWN** button  
(Shade will JOG in response)
3. **TUG** the shade **6-10 inches**  
(Shade will JOG and move to the Upper Limit)

### REMOVE REMOTE FROM NETWORK

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

When unrolling the shade to expose battery cover, the shade will try to roll upward. Hold the **FABRIC ROLL TUBE** firmly in place to resist the initial upward movement, then continue to unroll the **FABRIC ROLL TUBE** to expose battery cover.

### BATTERY REPLACEMENT

1. **PRESS** and **RELEASE** the **DOWN** button to unroll shade
2. **UNROLL** the **FABRIC ROLL TUBE** to expose the battery cover
3. **REMOVE BATTERY COVER**
4. **REPLACE** batteries with **NEW D-CELL** Alkaline batteries
5. **INSTALL BATTERY COVER**
6. **PRESS** and **RELEASE** the **UP** button to roll fabric back onto tube