

# 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 **QUBE** is **NOT USED** to establish the ZigBee network. Instructions for allowing Range Extenders and End Devices to join the ZigBee HA1.2 network will vary by manufacturer.

### CREATE A NEW NETWORK (Qube)

1. **Plug Qube** into network router.  
\*Qube light will blink red while looking for updates, then will turn solid GREEN when ready to be set up
2. **INSTALL QMotion App** for ZigBee HA1.2  
(visit Google Play / iOS App Store)
3. Follow directions on App to set up the Qube
4. **INSTALL SHADE** following appropriate instructions

### ADD QMOTION RANGE EXTENDER TO ZIGBEE NETWORK

1. Follow **QMotion App** instructions for adding devices to the network
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. Using the **QMotion App**, the Range Extender will need to be named and put into a group.
4. The Range Extender green LED will continue to pulse, showing that it has extended the ZigBee network

### ADD RZ2 ZIGBEE EXTENDER TO NETWORK

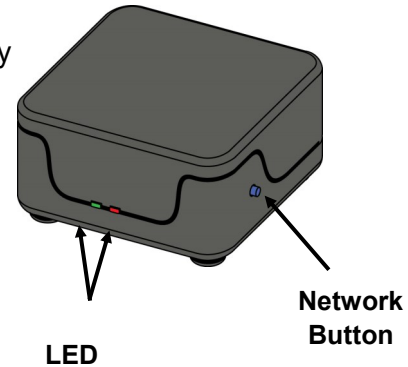
**\*ACTS ONLY AS A RANGE EXTENDER, CANNOT BE A NETWORK COORDINATOR**

\*Only when necessary in large rooms

1. Follow **QMotion App** instructions for adding devices to the network
2. **PLUG** in the RZ2 Range Extender.  
\*The App **MUST** be searching before plugging ZigBee Extender into outlet.
3. The ZigBee Extender will blink orange until it joins the network.
4. Once it joins it will be a solid green light.
5. The ZigBee Extender will need to be named and added to a group.

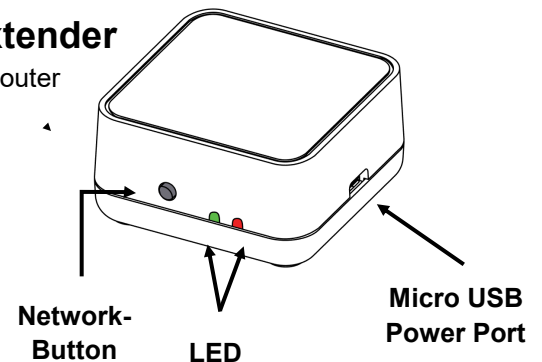
### Qube

ZigBee Gateway



### Range Extender

ZigBee Router



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

### ADD SHADE TO NETWORK

1. Follow **QMotion App** instructions for adding devices to the network
2. **TUG** the shade to be learned **6 inches**. Shade will do micro-jogs until it has learned to the network  
(Shade will go to full **UP** position when learned. If shade stops in place, tug again to activate micro-jogs)
3. Using the **QMotion App**, when a shade is selected it will **JOG** to identify itself. Once the shade jogs, complete by naming and adding to a group.

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## ADD REMOTE TO NETWORK (QdR Remote)

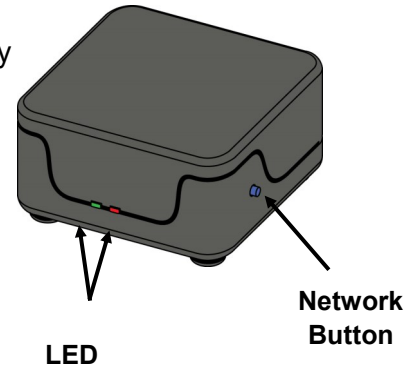
1. In the **QMotion App**, go to “**ADD DEVICES**” page and scan for devices
2. **PULL BATTERY TAB** from the remote and **PRESS ANY BUTTON**  
(Lights on the remote will grow from left to right, until added)
3. Lights will blink five times quickly when added to the network.
4. Using the **QMotion App**, name and add the remote to a group.

## PAIRING REMOTE TO ROLLER SHADE

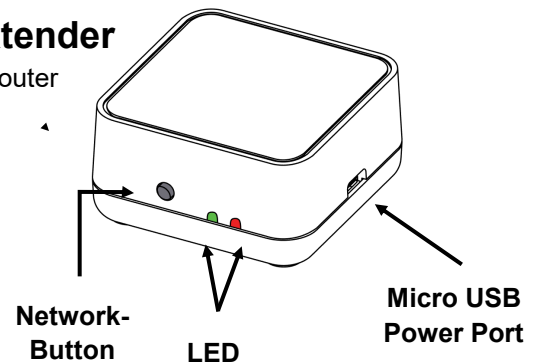
(Both shade and remote must be connected to the network before they can be paired together)

1. Shade being learned to the remote must be in the **UP** position
2. **PRESS** and **RELEASE** the **CHANNEL** button to select the channel that will control the shade
3. **PRESS** the **PROGRAM** button on the back of the remote-channel lights will scroll back and forth
4. **PRESS** and **RELEASE** the **UP** button  
(All shades on the network in the UP position will JOG and move to 75% position)
5. **TUG** the **HEMBAR** of the shade to be learned  
**6-10 inches**  
(During Step 5, multiple shades can be tugged to learn the same remote)

## Qube ZigBee Gateway



## Range Extender ZigBee Router



## ⚠ IMPORTANT ⚠

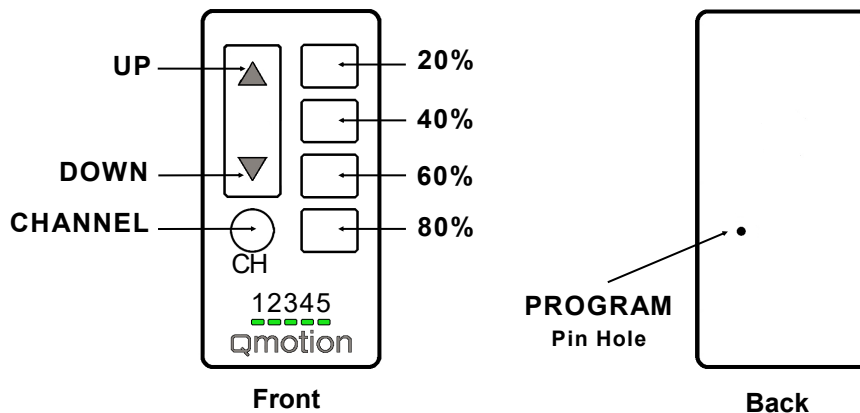
Lower Limit Position must be set prior to using the **PRESET** positions (**20%, 40%, 60%, 80%**). These positions are based on the Lower Limit Position of the shade. When learning new positions, the button currently being programmed (after Step 3. TUG) will not send commands to the shade. After Step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

**Example 1:** When learning a new Upper Limit Position, the **UP** button is semi-disabled. 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 must be 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)

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

### BATTERY REPLACEMENT

1. **PRESS** and **RELEASE** the **DOWN** button  
(Shade will move to Lower Limit Position)
2. **UNROLL** the **FABRIC** to expose the battery cover  
(See information above)
3. **REMOVE** battery cover and **REPLACE** with **NEW D-CELL OR AA** (depending on shade size) alkaline batteries
4. **REPLACE** battery cover
5. **PRESS** and **RELEASE** the **UP** button to roll fabric back onto the tube