

levven®
**CSQx
Designer
Switch**



Levven CSQx Designer Switch Instruction Manual

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Levven CSQx Designer Switch



Product Specifications

- **Model:** CSQx / CSQxH22
- **Compatibility:** Levven power controller and Q Gateway
- **Control Type:** Coin Cell Battery Operated Switch Transmitter
- **Action Type:** Independently Mounted, Type 1 Action
- **Radio Frequency:** 900 MHz band with 128-bit encryption

Product Usage Instructions

Important Notes

- Install and use following local electrical codes and regulations.
- Clean with a damp cloth, avoid chemical cleaners.
- Mount securely on surfaces using provided wall anchors and screws.
- Avoid mounting in metal boxes for optimal performance.
- Compatible only with Levven Designer series wall plates.

Pairing Switch to Power Controller(s)

1. Tap Top Button:

- **Paired to Power Controller:** Turn On
- **Paired to Dimmer Power Controller:** Brighten lighting device

2. Tap Bottom Button:

- **Paired to Power Controller:** Turn Off
- **Paired to Dimmer Power Controller:** Dim lighting device

LED Status Indicator

Flashes twice to confirm the operation.

Pairing Instructions

1. Initiate pairing by pressing the pair button on the controller, the LED blinks green for 60 seconds.
2. Squeeze and release both ends of the switch simultaneously to send a pairing signal to the power controller.
3. The controller's LED blinks red and green to confirm signal reception.
4. Press the pair button on the controller to complete the pairing. Green LED flashes thrice for successful pairing, red if unsuccessful.

Multiple Controller Pairing

To pair a switch to multiple controllers, ensure controllers are grouped. If not, reset and group them before pairing. Refer to the online guide or controller's manual for detailed instructions.

Frequently Asked Questions

Is the CSQx/CSQxH22 switch compatible with all Levven wall plates?

No, it is only compatible with Levven Designer series wall plates. Do not paint on the switch.

What is the radio frequency used by the switches, power controllers, and Q Gateway?

They operate in the 900 MHz band with communication secured using 128-bit encryption.

How should I clean the switch?

Wipe with a clean damp cloth; do not use chemical cleaners as they can damage the switch.

Overview

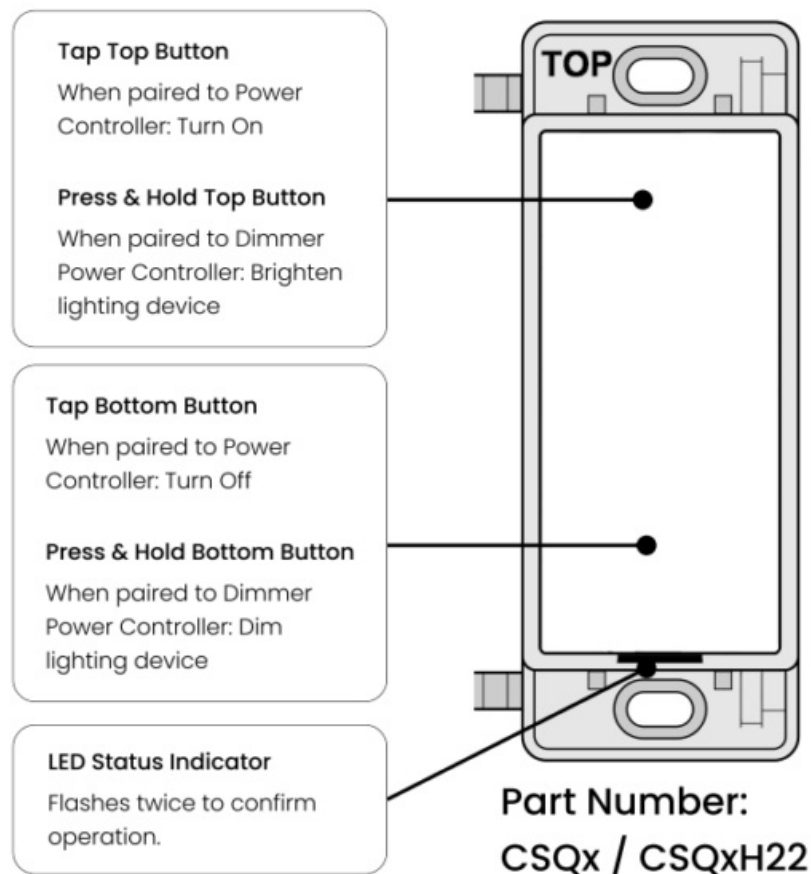
CSQx/CSQxH22 switches are for use with the Levven power controller and Q Gateway. The switch, power controller, and Q Gateway are configured by the installer. The installer may configure the switch as shown in these instructions.

Important Notes

- **Purpose of control:** Coin Cell Battery Operated Switch Transmitter (Operating
- **Control** — Non-safety related).
- **Construction of control:** Independently Mounted, Type 1 Action.
- **Codes:** Install and/or use Leven products under local electrical codes and regulations.
- **Environment:** Ambient operating temperature: -25 °C to 50 °C, up to 75 m / 250 ft range, Impulse Voltage: 71V, Pollution Degree 2. Indoor use only.
- **Radio Frequency:** Switches, power controllers, and Q Gateway operate in the 900 MHz band. The communication between devices is secured with 128-bit encryption. Metal objects and/or surfaces reduce wireless performance.
- **Battery:** The CSQx/CSQxH22 switch uses one (1) CR 2032 3V 225 mAh lithium coin cell battery, included in the product. Remove and immediately recycle or dispose of used batteries according to local regulations and keep them away from children.
- Recycle batteries as per government regulations. See [epa.gov/ recycle/how-do-i-recycle-common-recyclables#batteries](https://www.epa.gov/recycle/how-do-i-recycle-common-recyclables#batteries). Even used batteries may cause severe injury or death. Call a local poison control center

for treatment information.

- Non-rechargeable batteries are not to be charged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating), or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns. Do not mix old and new batteries, different brands, or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries. Ensure the batteries are installed correctly according to polarity (+ and -). Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.
- **Cleaning:** To clean, wipe with a clean damp cloth. Do not use chemical cleaners of any type as they will damage the switch and void the warranty.
- **Mounting:** All Leven switches can be secured to any surface. Wall anchors and screws are provided to mount switches onto walls. For optimal performance, do not mount switches in metal boxes.
- **Wallplates:** The CSQx/CSQxH22 switch is only compatible with Leven Designer series wall plates. Do not paint on the switch. Wallplates are not included.

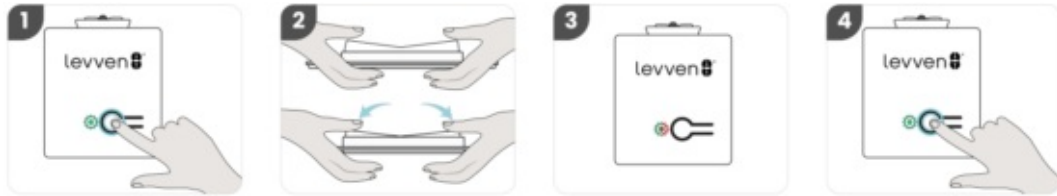


WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- DEATH or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours.
- KEEP new and used batteries OUT OF REACH OF CHILDREN
- Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.

Pairing Switch to Power

Pairing Switch to Power Controller(s)



1. Press and release the pair button on the controller to initiate pairing.
 - This controller's LED will blink green. The pairing mode is active for 60 seconds. If no pairing request is received within 60 seconds, the controller exits pairing mode.
2. Squeeze and release both ends of the switch simultaneously. Both ends **MUST** be pressed at the same time to send the pairing signal to the power controller.
3. The LED on the controller will start blinking red and green to confirm a signal is received.
4. Press and release the pair button on the controller to complete pairing. The LED flashes green 3 times if the pairing is successful; otherwise, it flashes red. If the pairing is unsuccessful, restart from Step 1.

NOTE: To pair a switch to multiple controllers, the controllers must be grouped. If controllers are already grouped, repeat the pairing process for each controller you want to control with the switch. If controllers are not grouped or if a pairing was mistakenly performed, reset the controllers and group them first. Refer to the grouping and/or reset instructions in the online troubleshooting guide at leven.com/help or the controller's instruction manual for guidance.

Battery Replacement



1. Press and hold the bottom or top of the switch rocker. Use a screwdriver or similar tool to pry the switch rocker off the switch to reveal the battery compartment
 2. Use a toothpick or similar item to push the battery out of the holder from the top of the holder. Handle the battery as per instructions provided in Important Notes.
 3. Replace a new battery by pushing it from the bottom of the holder, with the positive (+) symbol facing out. Use **ONLY** a CR2032 3V 225 mAh lithium coin cell battery.
 4. Snap the rocker back into the switch by pressing the rocker hinge into the switch body.
- **NOTE:** If the old and/or new battery is damaged during the replacement process and begins to leak, place the leaking batteries into a plastic bag before recycling.
 - Avoid contact with the substance at all times. Clean out the battery holder with a dry cotton swab. In case of contact, wash your hands thoroughly with soap and water.

FCC Information

- **FCC Suppliers Declaration Of Conformity:** Levven Electronics Ltd.
- 9741 54 Ave NW, Edmonton, Alberta, Canada T6E 5.14 Phone: +1 (844)-553-8836

For CSQx Models:

- **FCC ID:** 2ADH9-GSW
- **IC ID:** 12453A-GSW
- **IC Certification:** CAN ICES-003

For CSQXH22 Models:

- **FCC ID:** 2ADH9-CSX
- **IC ID:** 12453A-CSX
- **IC Certification:** CAN ICES-003

FCC Caution:

Changes or modifications not expressly approved by Leven Electronics Ltd. could void the user's authority to operate the equipment.

Class B FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, according to part of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used under the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC Radio Exposure Statement

This device meets the U.S. FCC's and ISED Canada's requirements for exposure to radio waves and is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy. For satisfying RF exposure compliance requirements, body-worn operations are restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide at least 20cm separation between the device, including its antenna, and the user's body.

Canadian Caution

This device contains licence-exempt transmitters/receivers that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Warranty Information

One Year Limited Warranty

Leven warrants each new unit against manufacturing defects for one year from the date of purchase. This warranty is subject to certain exclusions and restrictions outlined below. We will repair the unit or provide a credit for a comparable replacement part at our discretion. Replacement units provided by Leven or its approved vendors may include new, used, repaired, or reconditioned parts, depending on availability and circumstances. If the unit is commissioned by Leven or a Levven-approved third party as part of a Levven-commissioned lighting control system, the warranty term may be extended.

Credits for replacement parts will be prorated according to the system's warranty, with the unit's warranty term measured from its commissioning date.

Exclusions and Restrictions

Leven's warranty excludes damage or malfunction resulting from normal wear and tear, misuse, incorrect installation, neglect, accidents, or environmental factors beyond Leven's control. This includes improper voltage usage, failure to adhere to installation and operating instructions, use of incompatible devices, and unauthorized repairs. Additionally, the warranty does not cover on-site labor costs, external equipment and parts, or damage to other property caused by the unit's malfunction.

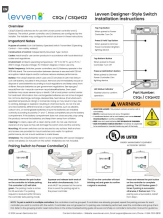
Warranty Claim Process

- To claim a warranty, promptly contact Levven's Technical Support Center at +: [844-553-8836](tel:844-553-8836) within the specified period. Levven will assess and determine necessary action.
- Please provide the unit's serial and model numbers for expedited service. If needed, Levven may arrange a site visit or coordinate with the approved vendor for service.
- **Note:** State laws may affect rights regarding warranties and damages.

Contact Information

- Website: www.levven.com,
- Email: support@levven.com,
- Phone: +: [844-553-8836](tel:844-553-8836)
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Documents / Resources

	<p>Levven CSQx Designer Switch [pdf] Instruction Manual CSQx, CSQxH22, CSQx Designer Switch, CSQx, Designer Switch, Switch</p>
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References

-  [U.S. Environmental Protection Agency | US EPA](#)
-  [Help - Levven](#)

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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