



Ecolink WST130 Wearable Action Button User Manual

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WST-130 Wearable Action Button Instructions and User Manual

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WST130 Wearable Action Button



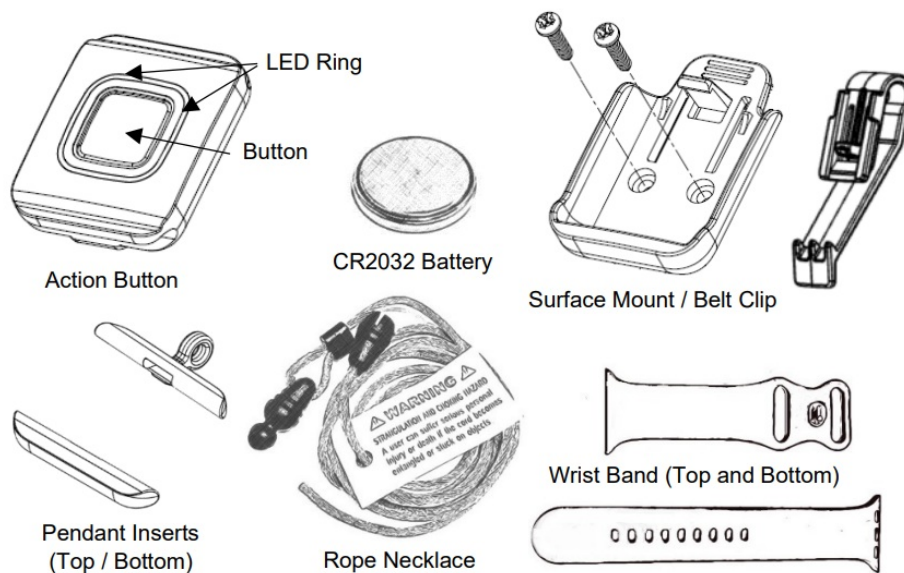
Specifications

Frequency:	433.92 MHz
Operating Temperature:	32° – 110°F (0° – 43°C)
Operating Humidity:	0 – 95% RH non-condensing
Battery:	1x CR2032 Lithium 3V DC
Battery Life:	Up to 5 Years
Compatibility:	DSC receivers
Supervisory Interval:	Approximately 60 minutes

Package Contents

1 x Action Button	1 x Rope Necklace
1 x Wrist Band	1 x Pendant Inserts (2 pcs set)
1 x Belt Clip Adapter	1x Surface Mount Bracket (w/2 screws)
1 x Manual	1 x CR2032 battery (included)

Component Identification



Product Configuration

The WST-130 can be worn or mounted in four (4 ways):

1. On a wrist using a compatible wrist band (the color of the included wrist band may vary).
2. Around the neck as a pendant using the included pendant inserts and snap-closure adjustable-length rope necklace (color may vary).
3. Mounted to a flat surface with the surface mount bracket and screws.
4. Worn on a belt with the surface mount bracket plus belt clip.

Note: Users can personalize their Wearable Action Button with Apple Watch®-compatible wristbands (38/40/41mm).

Enrolling

The WST-130 Wearable Action Button supports up to three (3) different alerts or commands to be triggered through different button presses.

The button appears as three sensor zones, each with their own unique serial number.

To prepare the button:

Install the battery in the action button following instructions in Section 8.

Then Press and Hold the button for twenty (20) seconds. During this hold time, the LED will blink three times, then remain on for 3 more seconds [Zone 3]. Do not release the button, continue holding down the button until the LED blinks five (5) times indicating the button is ready.

To enroll the action button:

1. Set your panel into programming mode according to the panel manufacturer's instruction.
2. If prompted by the panel, enter the desired zone's six-digit ESN printed on the ESN card, following the panel manufacturer's instructions. Note some panels can enroll your sensor by capturing the serial number transmitted by your sensor. For those panels, simply press the action button pattern for the desired Zone.

Zone 1	Single Tap	Press and Release (Once)
Zone 2	Double Tap	Press and Release (Twice, <1 second apart)
Zone 3	Press and Hold	Press and Hold until LED illuminates (about 5 seconds), then release.

3. When enrolling the device, it is recommended to name each zone for easy identification and assignment to the intended action or scene. Example: zone #1 = “AB1 ST” (action button #1 single tap), zone #2 = “AB1 DT” (action button #1 double tap), and zone #3 = “AB1 PH” (action button #1 press and hold).

Important Notes:

After the zone is recognized by the panel, be sure to assign a zone type that is “chime only”. Otherwise, the button zone will be treated like a Door/Window open and restore and may trigger an alarm state.

If the Action Button will be used as a “wearable device” supervisory should be disabled on the panel, as the wearer may leave the premises.

4. Repeat steps 1-3 until the panel recognizes all the desired Zones.

Action Button Testing

The Action Button is designed to be used within 100 ft. (30 m) of the panel.

Test before first use, as well as weekly. The test verifies proper communication between the sensor and the panel/receiver.

To test the Action Button after enrollment, refer to the specific panel/receiver documentation to place the panel into sensor test mode. Press the button sequence for each zone to be tested, from location(s) the Action Button shall be used. Verify the transmission count received on the panel is consistently 5 of 8 or better.

Product Operation

The WST-130 Wearable Action Button supports up to three (3) different alerts or commands to be triggered through different button presses.

The button appears as three sensor zones, each with their own unique serial number (ESN), as shown:

Zone 1	Single Tap	Press and Release (Once)
Zone 2	Double Tap	Press and Release (Twice, <1 second apart)
Zone 3	Press and Hold	Press and Hold until LED illuminates (about 5 seconds), then release.

The LED Ring blink patterns confirm each button press type detected:

Zone 1	Single Tap	One short blink + On during transmission
Zone 2	Double Tap	Two short blinks + On during transmission
Zone 3	Press and Hold	Three short blinks + On during transmission

The LED will remain on for approximately 3 seconds when transmitting.

Wait until the LED is OFF before attempting the next button press.

A Zone event transmission is sent as an Open immediately followed by a Restore. Depending on the security

panel's features, triggering each of the Action Button's Zones can be set up as the initiating action to trigger a pre-configured automation or rule. Refer to your specific panel's instructions for more information.

Maintenance – Replacing the Battery

When the battery is low, a signal will be sent to the control panel.

To replace the battery:

- Insert a plastic pry tool, or a small flat blade screwdriver into one of the notches on the back of the Action Button and gently pry to release the back cover from the main housing.
- Set the back cover aside, and gently remove the circuit board from the housing.
- Remove the old battery and insert a new Toshiba CR2032 or Panasonic CR2032 battery with the positive side (+) of the battery touching the battery holder marked with the (+) symbol.
- Re-assemble by placing the circuit board into the back case with the battery side facing down. Align the small notch on the side of the circuit board with the tallest plastic rib on the inside wall of the back case. When properly inserted, the circuit board will sit level inside back case.
- Align the arrows of back cover and the main housing, then carefully snap them together.
- Test the Action Button to ensure proper operation.

WARNING: Failure to follow these warnings and instructions can lead to heat generation, rupture, leakage, explosion, fire, or other injury, or damage. Do not insert the battery into the battery holder wrong side up. Always replace the battery with the same or equivalent type. Never recharge or disassemble the battery. Never place the battery in fire or water. Always keep batteries away from small children. If batteries are swallowed, promptly see a doctor. Always dispose and/or recycle used batteries in accordance with the hazardous waste recovery and recycling regulations for your location. Your city, state, or country may also require you to comply with additional handling, recycling, and disposal requirements. Product Warnings and Disclaimers

WARNING: CHOKING HAZARD – Small parts. Keep away from children.

WARNING: STRANGULATION AND CHOKING HAZARD – A user can suffer serious personal injury or death if the cord becomes entangled or stuck on objects.

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)

This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 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 in accordance with the instruction manual, 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:

- Re-orient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment to an outlet on a different circuit from the receiver
- Consult the dealer or an experienced radio/TV contractor for help.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference,

including interference that may cause undesired operation of the device.

FCC (U.S.) Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.9 in) between the radiator and your body.

IC (Canada) Radiation Exposure Statement: This equipment complies with ICSED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20 cm (7.9 in) between the radiator and your body.

FCC ID: XQC-WST130 IC: 9863B-WST130

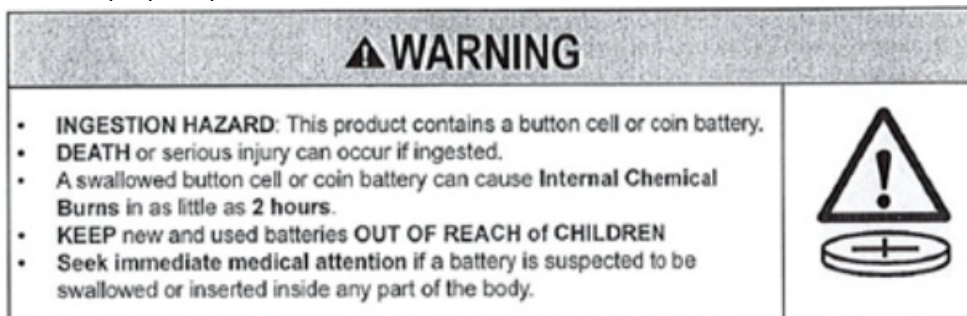
Trademarks

Apple Watch is a registered trademark of Apple Inc.

All trademarks, logos and brand names are the property of their respective owners. All company, product and service names used in this document are for identification purposes only. Use of these names, trademarks and brands does not imply endorsement.

Warranty

Ecolink Intelligent Technology Inc. warrants that for a period of 2 years from the date of purchase that this product is free from defects in material and workmanship. This warranty does not apply to damage caused by shipping or handling, or damage caused by accident, abuse, misuse, misapplication, ordinary wear, improper maintenance, failure to follow instructions or as a result of any unauthorized modifications. If there is a defect in materials and workmanship under normal use within the warranty period Ecolink Intelligent Technology Inc. shall, at its option, repair or replace the defective equipment upon return of the equipment to the original point of purchase. The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Ecolink Intelligent Technology Inc. neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product. The maximum liability for Ecolink Intelligent Technology Inc. under all circumstances for any warranty issue shall be limited to a replacement of the defective product. It is recommended that the customer check their equipment on a regular basis for proper operation.



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References

- [User Manual](#)