

Wireless 4EVR Push-Button Station

General Description

Our 4EVR push-button stations are designed for use at a pedestrian crosswalk to activate warning light systems. All stations include an instructional sign plate and an ADA-compliant push-button.

4EVR Push-Button Station

The 4EVR is a trusted pedestrian push-button solution that continues to deliver reliability, long-life, and state-of-the-art quality. Its high strength machined aluminum construction has proven to survive impacts and is vandal-resistant. An LED and audible tone provide the pedestrian with feedback that a call has been placed. Feedback options include: Latching LED and audible "dee dah" tone, momentary LED and audible "dee dah" tone, and no LED and audible "dee dah" tone. The 4EVR can be configured with latching/momentary or no LED. In the latching mode, the pilot light is lit when the call is placed and remains on until the walk display is energized. All push-buttons on the phase are synchronized. Latching mode requires a PBI-L or PBIC-L. The 4EVR Push-Button Station includes an instructional sign, a push-button for activating the flashing lights, and a push-button frame.

4EVR Features

- 4EVR Push-Button Station includes: a 9"x12" instructional sign, a push-button, and push-button frame.
- MUTCD, TAC, and ADA Compliant
- Exceeds NEMA transient requirements
- Simple and easy installation
- Cannot be stuck in constant call
- Superior machined aluminum body
- Stainless steel button actuator
- Impact and vandal-resistant
- Proven solid state piezo switch
- Pressure sensitive
- Digitally controlled
- LED and audible tones
- 5 year warranty



4EVR Push-Button Station
with Stainless Steel Button



4EVR Push-Button with
Stainless Steel Button

Wireless Push-Button Transmitter

MUTCD compliant Push-Buttons communicate securely to devices at distances of up to 2,640 feet.

Transmitter Specifications

Radio:

- Operating Frequency: 2.4 GHz ISM Band, License Free, FCC Part 15 Compliant and Certified
- Range: Communicates with Devices located up to 2,640' Direct Line of Sight
- Technology: RFDANT - Transceiver Environmentally Sealed and Industrial Ruggedized
- Patented Protocol: RFD8 - High Immunity to RF Noise and WIFI Signal Interference
- Security: Transmitter Paired to Receivers using a Unique 32-Bit Electronic Serial Number

Enclosure:

- Dimensions: 12" x 10" x 6" (Solar/Battery Model), 12" x 8" x 6" (AC Model)
- Type: NEMA 4X with Integrated Lock, Pole Mounting Kit Option Available
- Material: Fiberglass Enclosure and Back Panel Construction
- Installation: Pole Installation

System:

- Power Source: 12 VDC Solar, 110 VAC Model Available
- Operating Temperature Range: -40° to +185°F (-40° to +85°C)
- Lightning Surge Protection: High Energy Surge and Transient Protection
- Autonomy: 5 Days
- Warranty: 5-Year Warranty, Battery Excluded.



Ordering Codes

Part #	Description	Power Source	Body Color ¹	Options
AC-4EVRBDSPW	4EVR Push-Button with Stainless Steel Button (frame and sign not included)	- S: Solar - AC: AC	- B: Black - Y: Yellow	- BR: Braille on Sign Plate
AC-4EVRBDSPFSW	4EVR Push-Button Station with Stainless Steel Button (frame and sign included)	- B: Battery		

1. Contact TSC for other colors.

2. For wireless operation, Wireless Push-Buttons must be paired with devices having Wireless Push-Button option installed.

3. Transmitter Pole Mount Kit Available.

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4EVR Specifications

Feedback	<ul style="list-style-type: none">• Visual: LED Super bright Red• Audible: Dee 2300 Hz - Dah 2000 Hz• Latching Mode: LED with PBI-L• Tactile: Optional tactile arrow
Electrical	<ul style="list-style-type: none">• Operating Voltage DC: 18 - 24 VDC• Operating Voltage AC: 12 - 17 VAC• On Resistance: < 150 ohms• Operating Mode: Normally Open• Closure Dwell: 150 ms• Maximum Terminal Voltage During Closure: 1.5 V• Switch: Piezo electric, solid state switch
Environmental	<ul style="list-style-type: none">• Operating Temperature: -40°F to +185°F (-40°C to +85°C)• Operating Life: 300 x 10⁶
ADA	<ul style="list-style-type: none">• Operating Force: < 3 lbf• Actuator Size: 2 inches
Materials	<ul style="list-style-type: none">• Bezel: Aluminum• Actuator: Stainless Steel• Hardware: Stainless Steel• Finish: Powder Coat
Form Factor	<ul style="list-style-type: none">• Round: 3" OD / 4 hole, 2 hole (9-3, 10-2)• Color: Yellow, Black