

TEL·TRON *Companion One*™

W320 Emergency Call Station

Tel-Tron wireless call stations allow for wireless activation of an emergency call from anywhere within a resident's apartment or community common areas. The W320 wireless call station mounts to the surface of any wall, creating a fixed location from which residents can call for help.

The W320 has one pull cord for activation. When the cord is pulled, a mechanical linkage depresses an internal momentary push-button which causes the unit to transmit a 3-second series of repeated packets according to the protocol document referenced below. The W320 is useful in areas, such as bathrooms and bedrooms, where a pull cord reaching to the floor is desired.



Dimensions

5" x 3.25" x 1.25"

Mounting Requirements

1-Gang surface-mount plate requires either two #6 x 1" Pan Head Phillips screws (recommended) or double-sided tape.

FCC ID: QE2-W320

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.



TEL·TRON®
Our Legacy is Caring for Yours

Tel-Tron Technologies Corporation
226 Fentress Boulevard
Daytona Beach, FL 32114
P: (386) 255-1921 • F: (386) 258-3782
fyi.tel-tron.com
info@tel-tron.com

W320 Emergency Call Station

© 2010 Tel-Tron Technologies Corporation - Doc.W320.0510

TEL·TRON Companion One

Specifications

Carrier Frequency: 303.875MHz +/-200kHz.

Emergency Call Carrier Duration: 3 Seconds.

Packet Protocol: ASK, described in document SA802001_03.

Continuous Pull Guard: If the cord is pulled continuously, the W320 will transmit for 3 seconds from the time of initiation, but will not transmit again until the cord is released and pulled again.

Battery: CR2032 Lithium Coin Cell, 3V.

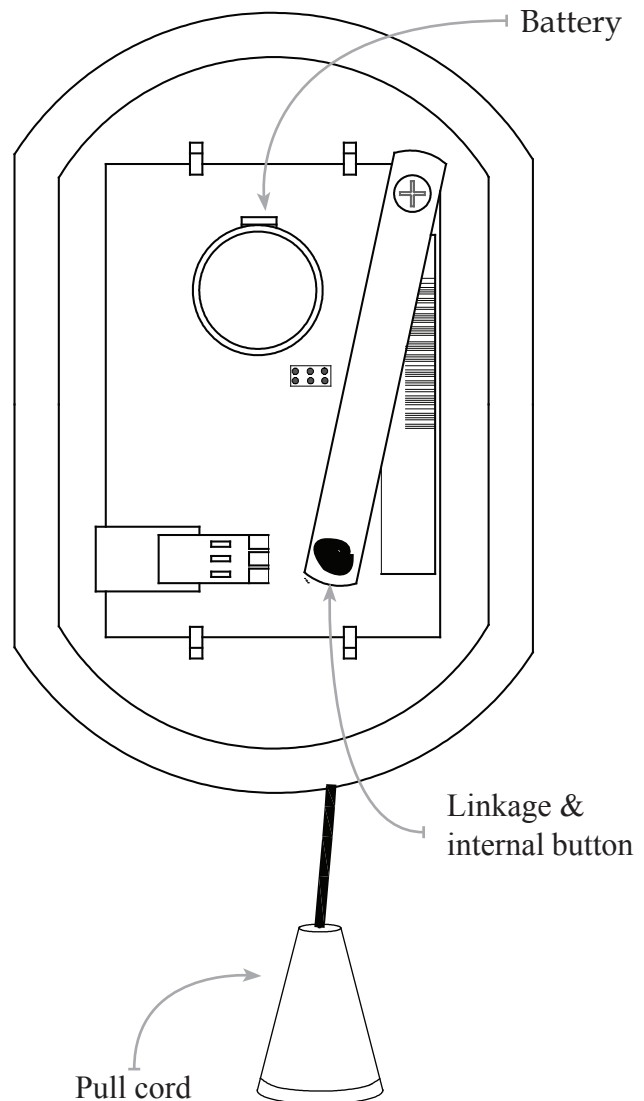
Battery Life: At least 3 years of typical use, defined as one user-initiated activation each day at 25°C.

Battery Monitoring: The W320 checks for a low battery every 4 hours with a constant carrier 30 ms load. If a low battery condition persists for 3 consecutive checks, the operating state switches to "low battery."

The operating state reverts to "normal" when power is removed and re-applied, or when the low-battery condition is not detected for 3 consecutive cycles. The W320 transmits a low-battery code (00) every 4 hours when the operating state is "low battery." The W320 continues to function normally for at least 30 days after detection of a low-battery condition.

LED Indicator: A single red LED that illuminates steadily when the W320 transmits normally. The LED flashes at a slow rate (less than 5Hz) while transmitting in a "low battery" operating state.

[Rear View]



Operating Environment: 0°C to 50°C in 10% to 90% relative humidity.

Color: White.

Modifications not expressly approved by the manufacturer could void the user's authority to operated the equipment under FCC rules.