# Wireless Fire Pull Station

Document Number 46-949 Rev. A November 1994



Material code 831341 Model 60-589

# INSTALLATION INSTRUCTIONS

#### **About This Document**

This document describes how to program, install, and test the Wireless Fire Pull Station.

## **Product Summary**

The Wireless Fire Pull Station is a manually activated device connected to a Sprint Door/Window Sensor. The transmitter is activated by pressing the black dot on the white plastic plate. The Wireless Fire Pull Station is a wall-mounted device that can be used in residential or commercial installation sites.

#### Installation Considerations

Use the following guidelines when installing the Wireless Fire Pull Station.

- Try to keep all Wireless Fire Pull Stations within 100 ft. of the Master Control Unit (MCU). The transmitter in the Wireless Fire Pull Station has an open-air range of up to 500 feet, but the installation environment may influence this range.
- Determine the best locations for each fire pull station so it is easily accessible.
- The 3.5 VDC battery will last at least 12 months.
- If the battery fails, the MCU reports a supervisory condition.

#### **Tools Needed**

- A Phillips screwdriver (to remove the cover and for mounting the back box)
- A standard blade screwdriver (to assemble the unit after programming and mounting)

### Programming

The following describes how to program the Wireless Fire Pull Station.

**Note:** Refer to the FONSAFE Installation Manual (46-926) for more detailed instructions.

- 1) At the MCU, press PROGRAM.
- 2) Enter the 4-digit Master Password.
- Enter 2, 1, and 1. The MCU responds Trip Sensor n or Press Reset To Exit. (n is the next available sensor number.)
- 4) Lift up the clear plastic cover and press the black dot to trip the sensor. The MCU responds Fire Emergency Sensor n Learn OK. Please Enter Description Number.
- 5) Enter the description code (see the FONSAFE Installation Manual).
- 6) Reset the Wireless Fire Pull Station by inserting the reset key in the lower right-side front corner of the unit. Push the key inward until the white plastic plate pops out toward you, then pull the reset key out.
- 7) Exit program mode by entering RESET and OFF.

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# Mounting the Wireless Fire Pull Station

The following describes how to mount the Wireless Fire Pull Station.

1) Place the back box on a wall in the desired location and mark the 4 mounting holes (see Figure 1).

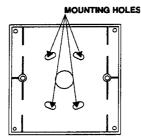


Figure 1. Mounting Hole Locations

- Install anchors (included) at these locations.
  Anchors are not required where studs are present.
- Place the back box on the wall and insert 4 screws (included) at the marked locations.
- Remove the Phillips screw from the front of the Wireless Fire Pull Station (see Figure 2).

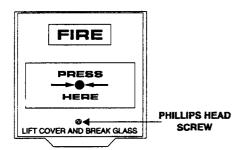


Figure 2. Phillips Screw Location

- 5) Remove the front cover and set it aside.
- 6) Place the Door/Window Sensor in the center of the back box with the sensor bottom facing out (see Figure 3).

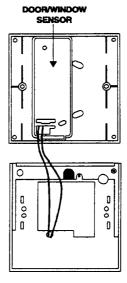


Figure 3. Door/Window Sensor Location

7) Remove the white plastic plate from the Wireless Fire Pull Station (see Figure 4).

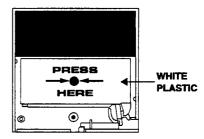


Figure 4. White Plastic Plate Location

8) Place the Wireless Fire Pull Station on the back box and secure it to the back box with the 2 black flathead machine screws provided (see Figure 5).



Figure 5. Slotted Screw Locations

- 9) Replace the white plastic plate.
- Replace the Wireless Fire Pull Station cover with the screw.

### Testing the Fire Pull Station

The following describes how to test the Wireless Fire Pull Station.

- At the MCU, press TEST, enter the Master Password, and enter 0.
- Activate the Wireless Fire Pull Station by pressing the black dot on the white plastic plate.
- 3) Listen and count the number of beeps generated from interior sirens. If the MCU beeps 6 to 8 times, the sensor is fine. If the MCU beeps less than 6 times, reposition the sensor and repeat the test from step 1.

Note: The beeps indicate how many data rounds the MCU received from that sensor. This verifies that the sensor is working correctly, and indicates how good the RF link is between that sensor and the MCU.

4) Reset the Wireless Fire Pull Station by inserting the reset key in the lower right-side front corner of the unit. Push the key inward until the white plastic plate pops out toward you, then pull the reset key out.

# **Specifications**

Compatibility	(831341) FONSAFE System
Size	3-3/8" x 3-3/8" x 1-7/8"
	(85 mm x 85 mm x 47 mm)
Power source	3.5 VDC lithium battery
Operating temperature .	40° to 100°F

#### **Notices**

FCC Notice

This device complies with FCC rules part 15. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference.
- This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Sprint can void the user's authority to operate the equipment.



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