

Flash™/Flare®

Instruction sheet #1

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PPD User Instructions

Introduction

This instruction sheet details the procedures for using Senstar's Personal Protection Device (PPD) with the Flash Personal Portable Alarm System and the Flare Personal Alarm Locating System.



Figure 1: Belt-worn PPD

The PPD is a belt-worn radio transmitter, which communicates a personal duress condition to a security station computer when activated. With the Flash system, a unique PPD ID displays on the Flash computer's screen when a PPD is activated. With the Flare system, a unique PPD ID displays along with a site map, which indicates the specific location of the emergency transmission. Pressing a large, easily accessible button activates the PPD transmitter. Optionally, a pull-pin and lanyard, or a configurable man-down tilt alarm feature will activate the PPD.

Features

- accessible push-button with raised center-dot
- optional pull-pin with lanyard (tamper activation)
- optional user-configurable man-down transmission
 - activation tilt angle: 40° to 65°
 - tilt time before activation: 2 to 20 seconds
 - warning tones - ON or OFF
 - transmit and reset options: single auto-reset, repeat auto-reset, or repeat manual-reset

- internal antenna
- user-configurable PPD ID (requires transmitter programmer)
- minimum one year battery life (with three test transmissions per day)
- automatic low-battery alert transmission (minimum 15 day battery life after the first low battery alert)
- tamper-resistant screws for battery compartment and electronics
- durable black ABS plastic housing
- belt-worn leather holster with tamper-resistant security snaps

Specifications

- **power:** 9-volt alkaline battery
- **dimensions:** 12 L X 5 W X 2.5 D cm (4.7 X 2 X 1 in.)
- **weight:** 200 g (7 oz.)
- **transmission range:** 1 km (0.6 mile) line of sight (100% coverage within prescribed areas)
- **temperature:** -40° to +50° C (+122° F)
- **humidity:** 0 to 90% non-condensing
- **frequency:** international public safety band (450 to 470 MHz) configurable for local regulations

Wearing the PPD

Wear the PPD in an easy to reach position on your belt, with the logo and push button facing away from your body.

If you also wear a radio, wear the PPD on the opposite side of your body.

Be careful not to activate the PPD when putting it on or taking it off.

If your PPD includes the optional pull-pin and lanyard, connect the lanyard to a belt loop after putting the PPD on your belt.

The snaps on the PPD holster's belt loop are security snaps that open only by pulling up from the bottom. Do NOT attempt to open the snaps by pulling on the holster, or its belt loop (see Figure 2).



Figure 2: Opening the security snaps

1. Place the PPD into its holster with the activation button exposed through the opening in the holster, and close the top snap.
2. Open the two belt loop snaps on the back of the holster and insert the loop under your belt.
3. Close the two belt loop snaps over your belt.

Activating the PPD

Do NOT cover the PPD with your hand while pressing the red button (see Figure 1).

Wearing the PPD under your clothing will not affect the transmission.

If you accidentally activate your PPD, report the accidental activation immediately.

If a PPD transmits a low-battery message, take the unit out of service immediately, and have its battery replaced.

Center your finger on the raised dot and press the red button to activate the PPD. The PPD transmits its unique ID code once per activation. After activation, the PPD's unique ID displays on the security control station computer. The Flare system also identifies the specific location of the transmission. When the PPD's battery discharges to the low-battery level, the PPD automatically transmits a low-battery message. As a precaution, the low battery message repeats (with the duress transmission) at each subsequent activation.

Optional activation

A transmitter with a pull-pin and lanyard is available for added security. If the transmitter is forcibly removed, the pull-pin is also removed and the PPD sends a duress transmission.

Ensure that the pull-pin is fully installed in its socket at all times.

A transmitter with a man-down tilt feature is available for added security. When the PPD tilts beyond a preset angle for a preset duration the unit automatically sends a duress transmission. The man-down PPD can be configured to emit an audible beep (to alert the user) when it tilts beyond the preset angle. The tilt angle, tilt duration and audible beep are user-configurable.

PPD testing

Test the PPD at the beginning of each shift. Follow the facility's established procedure for PPD testing.

If a test activation is NOT reported on the security control station computer, take the PPD out of service immediately.

Maintenance and care

- Do NOT submerge the PPD or expose it to heavy rain.
- Although durable, the PPD is not shock-proof or unbreakable.
- A special screwdriver is required to open the battery compartment. Do NOT attempt to open the battery compartment unless using the correct tool.
- If the PPD requires cleaning, use only a soft damp cloth to wipe the unit (not wet). Do NOT use solvents or detergents on the PPD.
- If the holster is saturated with moisture replace the holster until it dries. A wet holster can affect Flare's location accuracy.
- Store PPDs, which include the man-down option, in an upright position.

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