

GUARD1/tracking



Duress Device User's Manual

Version 11

Introduction

The Duress Device is a portable device that is worn on a duty belt or lanyard by officers, staff, or visitors. It monitors their status and transmits tracking and status information to a control room monitor. It can be used to signal an emergency.

The Duress Device sends a signal to the GUARD1 Tracking system once each second. If this signal is interrupted, the Panic button is pressed, or if a secondary condition is detected, an alert is raised in the GUARD1 Tracking system.

Batteries

The Duress Device uses two CR17345 batteries. These are field replaceable, non-rechargeable 3 Volt lithium batteries. They can be replaced by removing the four screws on the back of the device and separating the halves of the housing.

Using the Duress Device

The Duress Device has two buttons. The large red Panic button is for sending a panic alert. The small Test button for changing the device mode.

It has one LED, which is used to confirm it is operating and display battery status.

The Duress Device has a vibration motor and a beeper. Either one of these may be enabled, or both. These and other settings can be configured with an app and an NFC reader.

Off Duty

Off Duty is a low-power mode for when the device is not in use. The LED flashes green once every 30 seconds (or orange if the battery is low). There is no alert condition, and the device does not beep or vibrate.

To place the device in Off Duty mode, detach it from the holster and press the Test button twice. The device will beep to confirm.

Test

If you press the Test button while the Duress Device is in Off Duty or On Duty mode and detached from its holster, it will beep and vibrate while it runs a circuit test. The LED will blink orange, then turn green to indicate a successful test. Press the Panic button once to switch to On Duty mode, or press the Test button again to switch to Off Duty mode.

If the test fails, the device will still enter On Duty mode but will notify the user with a “fail” beep and orange LED and will send an alert. The test can be repeated which may resolve the error. If the test fails three times, the device will be placed in a permanent error condition and should be returned to TimeKeeping Systems.

On Duty

On Duty is the normal operational state of the Duress Device. There is no alert condition, and it is monitoring your status. The LED flashes green once per second.

If the battery is low, the LED flashes orange once per second.


STATUS


Single beep entering Active mode



The LED will indicate the battery status: green for good, orange for low, and red for discharged. If the battery is low or discharged, replace the batteries immediately.

Warning

The Duress Device will signal a warning to the user for thirty seconds if one of these conditions exists:

- The device is not vertical
- There has been no motion
- The device has been removed from the holster

To stop the warning, correct the condition causing it.

 STATUS  One beep every four seconds



The Duress Device will beep and/or vibrate once every four seconds. The LED flashes once each second. As in On Duty mode, the LED color indicates the battery status.

Some of these conditions may not be enabled and/or the warning period may be different, depending on the settings.

Secondary Alert

If a Warning condition exists for more than thirty seconds, the Duress Device will signal an alert.

To stop the alert, correct the condition causing it.


 STATUS  Double beep once every four seconds

The Duress Device will beep twice and/or vibrate twice, and the LED flashes once each second. As in On Duty mode, the LED color indicates the battery status. Some of these conditions may not be enabled and/or the warning period may be different, depending on the settings.

If the Duress Device goes into Secondary Alert mode, the user should contact the Control Room as soon as possible to apprise them of the situation so they can take action, including acknowledging any generated alerts and turning off any emergency signals or sirens.

Panic Alert

To signal an emergency, press the Panic button. This indicates that an emergency exists and you are summoning help immediately. The alert will continue until five minutes have passed, or you cancel the alert.

 STATUS  Double beep once per second

The Duress Device will beep and/or vibrate once a second. The LED flashes once each second. As in Active mode, the LED color indicates the battery status.


Pressing the Panic button again extends the panic alert. The Duress Device will signal an alert for five minutes from the last button press. If the Duress Device goes into Panic Alert mode, the user should contact the Control Room as soon as possible to apprise them of the situation so they can take action, including acknowledging any generated alerts and turning off any emergency signals or sirens.

To cancel the Panic Alert, press and hold the Panic and Test buttons at the same time for five seconds.

Very Low Battery

In normal operation, the battery LED will flash green, then orange as the battery is depleted. After that the Duress Device will enter Very Low Battery mode.


STATUS


Short "chirp" once every minute

The Duress Device will give a distinctive "chirp", and the LED will flash, once every sixty seconds. In Very Low Battery mode, you can still use the button to signal a Panic Alert. The Duress Device will transmit a Panic Alert for as long as the battery lasts. Secondary Alerts are disabled in Very Low Battery mode.

The Duress Device may continue to operate in Very Low Battery mode, but in this mode you cannot rely on continued operation and the batteries should be replaced immediately.

FCC Statements

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter meets both portable and mobile limits as demonstrated in the RF Exposure Analysis. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

This device complies with Part 15 of 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.

Changes or modifications not expressly approved by TimeKeeping Systems, Inc. could void the user's authority to operate the equipment.

Industry Canada Statements

English:

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

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.

French:

Conformément aux réglementations d'Industry Canada, les émetteurs radio de cet appareil ne peuvent fonctionner qu'à l'aide d'une antenne dont le type et le gain maximal (ou minimal) pour ces émetteurs - transmetteurs sont approuvés par Industry Canada. Pour réduire le risque d'interférence éventuelle pour les autres utilisateurs, le type et le gain de l'antenne doivent être choisis de manière à ce que la puissance isotrope rayonnée équivalente (p.i.r.e.) minimale nécessaire à une bonne communication soit fournie.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.