

TimeKeeping
Systems, Incorporated

MTD-0021 Duress Device with Transceiver



TimeKeeping Systems MTD-0021 Duress Device with Transceiver User Manual

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TimeKeeping Systems MTD-0021 Duress Device with Transceiver



Specifications

- **Model:** Guard1|Duress Device DD-0021
- **Batteries:** Two AAA non-rechargeable 1.5 Volt alkaline batteries
- **Buttons:** Panic button, Test button
- **Indicators:** LED for status and battery, beeper, vibration motor

FAQs

- **Q: How do I know when to replace the batteries?**
 - **A:** The LED will indicate the battery status – green for good, orange for low, and red for discharged. Replace the batteries immediately if the LED shows low or discharged status.
- **Q: What should I do if the test fails multiple times?**
 - **A:** If the test fails three times, the device will enter a permanent error condition and should be returned to TimeKeeping Systems for further assistance.

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.

PRODUCT USING INSTRUCTION

Batteries

- The Duress Device uses two AAA batteries.
- These are field replaceable, non-rechargeable 1.5 Volt alkaline 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 Panic button is for sending a panic alert. The small Test button is for changing the device mode.
- It has one LED, in the center of the Panic button, which is used to confirm it is operating and to display battery status.
- The Duress Device has a vibration motor and a beeper. Either one of these may be enabled, or both.

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, and 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.



-  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

FCC Statements

According to FCC 15.21 of the FCC rules, changes not expressly approved by TimeKeeping Systems, Inc. might cause harmful interference and void the FCC authorization to operate this product. This product complies with FCC & Industry Canada’s RSS-102 radiation exposure limits set forth for an uncontrolled environment.

Industry Canada Statements

This device complies with Part 15 of the FCC Rules and Innovation, Science and Economic Development Canada license-exempt RSS standard(s).


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.

MORE INFO

- Guard1|Duress Device
- **Updated:** July, 2024
- **MODEL:** DD-0021
- **HVIN:** DD-0021
- **FCC ID:** MTD-0021
- **IC:** 12375A-0021

Documents / Resources

	<p>TimeKeeping Systems MTD-0021 Duress Device with Transceiver [pdf] User Manual MTD-0021, MTD0021, 0021, MTD-0021 Duress Device with Transceiver, MTD-0021, Duress De vice with Transceiver, Device with Transceiver, Transceiver</p>
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References

- [User Manual](#)

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