

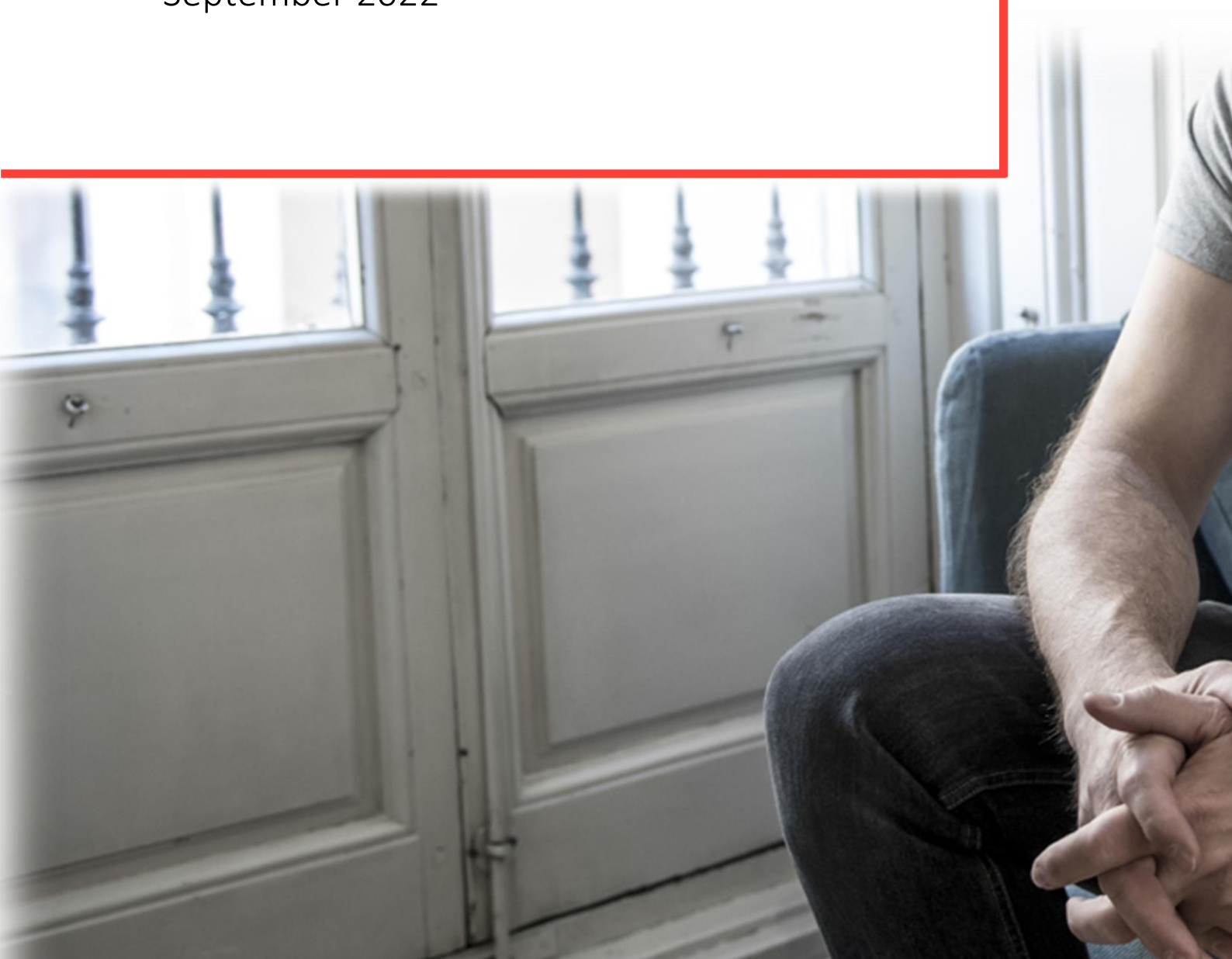
attenti

attenti**fusion**

Hub 300 and Bracelet 100

**Installation
and Operation Guide**

September 2022



Version	Comments	Author	Date
1.0	Initial release version.	Steve Graniewitz	1 September 2022

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Safety Information

Please read, understand, and follow all safety information contained in these instructions prior to the use of this Attenti Electronic Monitoring device. Retain these instructions for future reference.

Intended Use

This Attenti Electronic Monitoring device is part of an electronic monitoring system, which performs data transfer using cellular network to a monitoring platform. This device has not been tested for and is not intended for use on airplanes, in hazardous environments, in healthcare facilities, or where cellular phones or other intentional transmitters are restricted.

The functional operating temperature of the Hub 300 is -20°C to +55°C. The operating temperature of the Bracelet 100 is -20°C to +55°C. The storage temperature of the Hub 300 is -40°C to +70°C. The storage temperature of the Bracelet 100 is -40°C to +70°C.

Explanation of Signal Word Consequences	
 WARNING	Indicates a hazardous situation which, if not avoided, could result in serious injury or death.
 CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury and/or property damage.
NOTICE:	Indicates a situation which, if not avoided, could result in property damage.

Safety information for:

- Rechargeable hand-held/wearable devices
- Non-rechargeable hand-held/wearable devices
- Cradles/receivers/base units

 **WARNING**

Avoid placing a device next to an implanted electronic device (e.g., don't carry the device in a shirt or jacket pocket directly near an implanted device).

To reduce the risks associated with fire or explosion:

- Do not intentionally open or damage the device.
- Ensure storage temperature of device is within the range as specified in device manual.
- Do not attempt to access or replace battery. Battery is not user-replaceable. The device shall be opened by Attenti authorized service only.
- Do not use device outside of the specified operation temperature range.

 **WARNING**

To reduce the risks associated with hazardous voltage:

- Do not modify, decorate, or attempt to service the device. Return to Attenti authorized personnel or location for repair or service. There are no user serviceable parts.
- If the device or power cord becomes damaged, contact the agency representative from which you are monitored.

NOTICE:

- Only authorized personnel can turn off or remove the device.

Safety information for:

- Rechargeable hand-held/wearable devices
- Cradles/receivers/base units



WARNING

To reduce the risks associated with hazardous voltage:

- Do not modify AC/DC power adapter plug.
- Do not force the power plug into an outlet where it does not fit.
- Use only an Attenti provided AC/DC power adapter to recharge or power the device.
- Use only a Safety certified LPS AC/DC plug-in adapter with output rating 5 VDC, 2A.
- Do not unplug AC/DC adapter by power cord. Handle the adapter by the body only.
- Do not attempt to charge the device using an outdoor outlet. Only use the AC/DC adapter indoors.
- Do not expose power adapter to rain, steam or wet conditions.
- Do not submerge the device, or hold the device under running water, while it is charging.



CAUTION

To reduce the risks associated with hot surfaces:

- Do not touch thermal pads on device or charger if charging is interrupted.
- Do not charge the device in temperatures above 45°C.

Safety information only for:

- Rechargeable Hand-held/wearable Devices
- Non-rechargeable Hand-held/wearable Devices



WARNING

To reduce the risks associated with fire or explosion:

- Do not enter areas with potentially explosive atmosphere. Potentially explosive areas are often, but not always, clearly marked.



CAUTION

- Avoid installing the electronic monitoring device in the presence of ulcers, open wounds, blisters, swelling or skin infection over the expected area of contact with the electronic monitoring device.
- If the user reports pain, numbness or other symptom over the expected area of contact with the electronic monitoring device, a medical opinion is recommended prior to installation.
- If the user reports concerns about an underlying medical condition that could be exacerbated by use of the electronic monitoring device, a medical opinion is recommended prior to installation of device.
- If, during use, the user experiences skin changes or symptoms in the area in contact with the electronic monitoring device, the user should immediately contact their agency representative.

Cancer Patients that have been treated with Radiotherapy:

- Avoid installing the electronic monitoring device in the presence of radiation-induced skin changes (such as ulcers, open wounds, blisters, desquamation, erythema, hyperpigmentation) over the expected area of contact with the electronic monitoring device. Otherwise, there is no currently available evidence the use of the electronic monitoring device is contraindicated in cancer patients that have been treated with Radiotherapy.

Pregnant women:

- Avoid installing the electronic monitoring device in the presence of ulcers, open wounds, blisters, swelling or skin infection over the expected area of contact with the electronic monitoring device. Otherwise, there is no currently available evidence the use of the electronic monitoring device is contraindicated in pregnant women.

Safety information only for:

- Cradles/receivers/base units



WARNING

To reduce the risks associated with hazardous voltage:

- Do not submerge the device or hold the device under running water.

WEEE



This symbol according to the European Directive indicates that the Waste of Electrical and Electronic Equipment (WEEE) must not be disposed of as unsorted municipal waste and must be collected separately. Please contact an authorized representative of the manufacturer or an authorized waste management company for information concerning the decommissioning of your equipment.

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1 Introduction

The **attentifusion** Hub 300 is a home unit designed for offender monitoring applications. In home curfew monitoring programs, the presence or absence of the offender is determined according to the reception of radio transmissions between the home unit and the bracelet device worn by the offender.

The Hub 300 records the presence or absence of the offender in the defined curfew area. Events are generated according to the offender's defined curfew schedule. If, for example, the offender is absent when required to be in curfew, the Hub 300 generates a violation event.

The Hub 300 comprises an RF transceiver, a cellular modem, a rechargeable backup battery and a menu-driven LCD interface.

Communication with the bracelet worn by the offender and data transfer between the Hub 300 and the monitoring system are fully encrypted as a means of ensuring data confidentiality and authentication.



Figure 1: attentifusion Hub 300



Figure 2: attentifusion Bracelet 100

The offender is assigned a Bracelet 100 device that is physically attached to their body. The Bracelet 100 sends periodic signals that enable the Hub 300 to determine the offender's presence. The Hub 300 generates events that are communicated to the monitoring center in order to report if the offender is adhering to the conditions of their curfew program.

1.1 LED Indicators

The Hub 300 features two LEDs, the Power LED and the Attention LED, that provide status indication. The following sections explain the Hub 300's LED indication during regular operation and during the installation sequence.

1.1.1 Power LED Indication

LED Indication	LED Pattern	Status Description
 	 Solid red	The Hub 300 is connected to external power and the backup battery is not yet fully charged.
 	 Solid green	The Hub 300 is connected to external power and the backup battery is fully charged.
 	 Flashing green (once every 10 seconds)	The Hub 300's external power has been disconnected and it is running on backup battery power.
 	 Flashing red (once every 6 seconds)	The Hub 300's external power has been disconnected and it's backup battery is low.
 	 Flashing orange (once every 3 seconds)	The Hub 300 is indicating backup battery failure. Replace the unit.

1.1.2 Attention LED Indication During Regular Operation

LED Indication	LED Pattern	Status Description
	 Flashing red (once every 3 seconds)	The Hub 300 has generated an event that is configured to notify the offender.

1.1.3 Attention LED Indication During Activation Sequence

LED Indication	LED Pattern	Status Description
	 Solid red	Following power up, the Hub 300's initial built in test has failed. Replace the unit.
	 Flashing orange (once every 3 seconds)	The Hub 300 is waiting to receive its program configuration.
	 Solid orange (for 3 seconds)	The Hub 300 has successfully received its program configuration.
	 Flashing green (once every 3 seconds)	The Hub 300 is waiting for the bracelet to be detected and installed on the offender's ankle.
	 Solid green (for 3 seconds)	The Hub 300's bracelet has successfully been installed on the offender's ankle and the installation sequence is complete.

1.1.4 Keypad Backlight

In addition to the LED indicators described above, the Hub 300 includes a backlit keypad that changes color to indicate whether there are any current violation or alert conditions.

The keypad backlight appears as follows:

- **Blue** – There are no current violation or alert conditions.
- **Red** – There are current violation or alert conditions.

1.2 Language Support

The Hub 300 supports a variety of international languages. Separate languages may be configured for the regular screens that will be viewed by the user of the device and the device settings screens viewed by officers in the field.

The language viewed by the user of the device is configured via the system. If, for example, Spanish is defined as the offender's language, the system will configure the offender's device to set its interface to display Spanish.

The language viewed by the officer is selected locally in the device settings menu.

Whatever language was defined for the user via the system, following End of Service, the user's language will automatically revert to the language defined by the officer in device settings. End of Service has no effect on the language defined in device settings.

2 Installing the Equipment

This paragraph provides details on the installation procedure for the Hub 300 and Bracelet 100.

Installing the Hub 300 involves the following steps:

- Assembling the appropriate equipment
- Verifying that the offender is registered in the Electronic Monitoring Management System (EMMS)
- Locating the optimal position for the unit in the offender's curfew site
- Setting up the unit

2.1 Before Installation

Before leaving the monitoring center, check that you have the correct installation kit and the appropriate installation tools. In addition, verify that the offender is correctly registered in the Electronic Monitoring Management System's Web application.

 Before installation, make sure that the Hub 300's backup battery is fully charged.

2.1.1 Installation Equipment

The kit of installation equipment should include the following items:

- Hub 300 unit
- Power adaptor
- Bracelet 100 unit
- 1 x fiber-optic strap
- 2 x strap clasps
- 2 x strap clasp covers
- 2 x tamper plugs

2.1.2 Installation Tools

You will also need the following installation tools:

- Strap installation tool – for cutting the strap
- Measuring tape – to determine the required strap length



Figure 3: Bracelet 100 Installation Tool and Measuring Tape

2.1.3 Offender Details in the Offender Management Software

Before installing the equipment, verify the following offender details in the EMMS.

- Offender's name
- Offender's address
- Offender's program type – Curfew: Hub 300
- Equipment serial numbers –these must match the serial numbers on the equipment you are planning to install.

2.2 Positioning the Hub 300

The ideal location for the Hub 300 is:

- In an open area
- As close as possible to the center of the curfew site
- On a flat and secure surface
- 1m (3 feet) above the ground and at least 30cm (1 foot) away from the wall

Make sure the Hub 300 is located far away from:

- Television sets or other electrical appliances
- Microwave ovens
- Personal computers or laptops
- Disruptive noise sources such as heavy traffic or mechanical vibrations
- Heat sources such as a radiator, air ducts or direct sunlight
- Excessive moisture or extremely low temperatures
- Mirrors or reflective materials

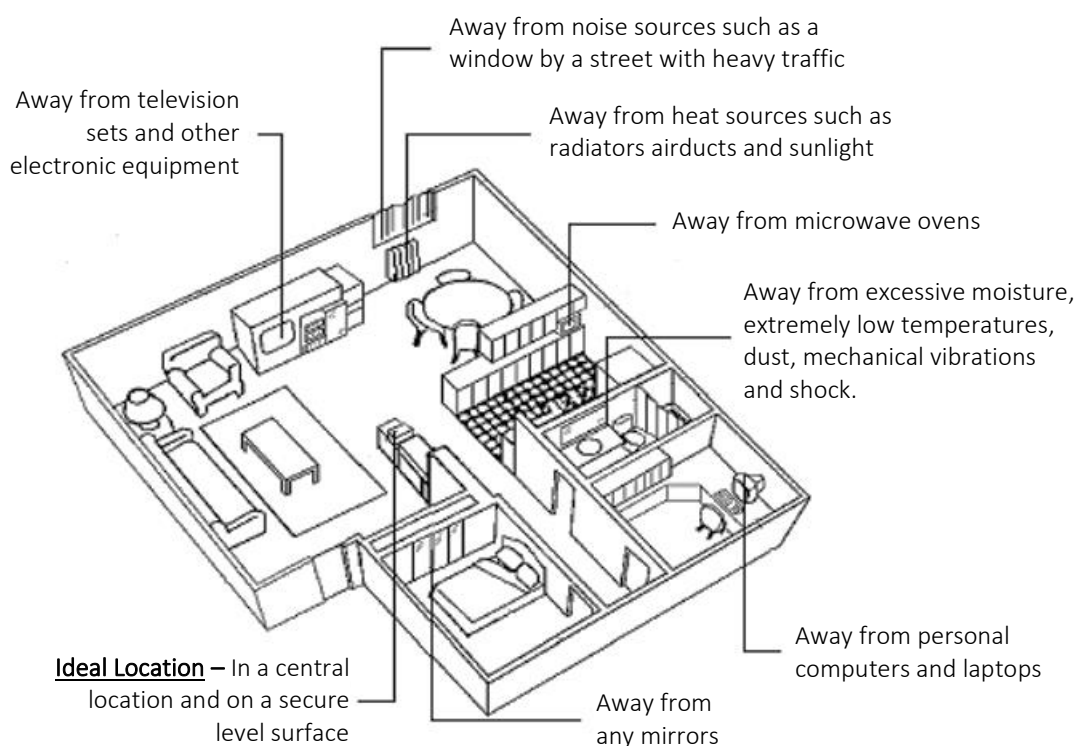


Figure 4: Positioning the Hub 300

2.3 Installing the Bracelet 100

2.3.1 Attaching the Tamper Plugs

On the rear of the brackets on the Bracelet 100, attach tamper plugs.



Figure 5: Bracelet 100 Tamper Plugs

To attach the tamper plugs

1. Hold the Bracelet 100, with its rear side facing upwards.
2. Loosely place the tamper plug into the slot in the bracket.



3. Push the tamper plug into the slot making sure that it is firmly in place.



2.3.2 Preparing the strap

Before attaching the Bracelet 100 to the offender's ankle, you need to prepare the strap. Preparing the strap involves the following actions:

- Measuring the offender's ankle.
- Cutting the strap to fit the size of the offender's ankle.
- Attaching the strap clasps.

To prepare the strap:

4. Measure the circumference of the offender's ankle using the dedicated measuring tape. The number that appears in the window on the measuring tape corresponds with the position on the strap that you need to cut.



5. Lift the cutting slot lock and the red cutting slot cover.



Under the cutting slot cover, there are four alignment studs, an arrow and a square symbol that indicates where to position the strap before cutting.



6. Place the strap in the cutting slot. Position the strap so that it is placed above the alignment studs and the required size on the strap is above the square symbol.



7. Close the cutting slot cover so that it clicks into place. Note that required size appears in the window on the cutting slot cover.



8. Close the cutting slot lock so that it clicks into place.



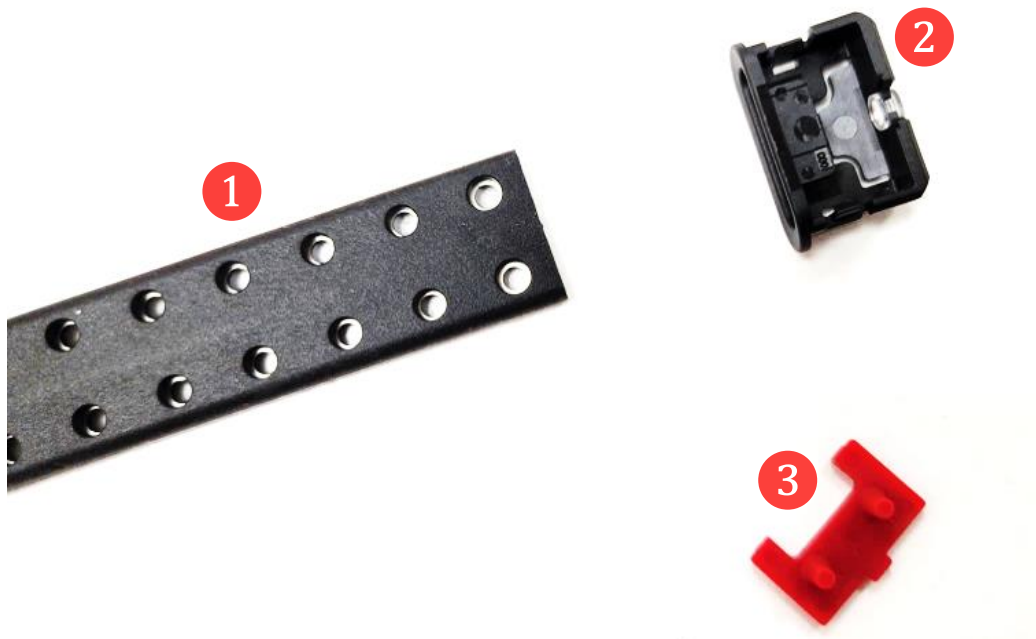
9. Squeeze the two handles of the strap installation tool to cut the strap.



10. Open the cutting slot lock and cutting slot cover then remove the cut piece of strap.



11. Take the strap (1), a strap clasp (2) and a strap clasp cover (3).



12. Place the strap inside the strap clasp.



13. Place the strap clasp cover over the strap clasp (as shown below) and push down until it clicks into place.



14. Attach the second strap clasp to the other side of the strap as explained in steps 12 and 13 making sure that the two strap clasps are facing the same direction (as shown below).



2.3.3 Attaching the Bracelet

To attach the Bracelet 100 to the offender's ankle:

1. With the red strap clasp cover facing upwards, insert the strap into one of the brackets on the Bracelet 100 until it snaps into place.



2. Place the Bracelet 100 on the offender's leg just above the ankle.
3. Insert the other end of the strap into the second bracket until it snaps into place.



4. Make sure that both strap clasps have snapped into place and are locked.



5. Check that the Bracelet 100 fits tightly around the offender's ankle allowing room for one finger between the offender's leg and the strap.



2.4 Activating the Hub 300

Once the bracelet is attached to the offender's ankle, you are ready to activate the Hub 300.

For the Hub 300 to receive and transmit signals with maximum efficiency, the unit should be positioned horizontally on a hard, flat surface. The unit should also be positioned within easy reach of a power outlet.

To activate the Hub 300:

- Connect the Hub 300 to external power using the supplied power adaptor.



Figure 6: Hub 300 Power Adaptor

On connecting the Hub 300 to external power, the activation sequence starts automatically.



The Attention LED flashes yellow to indicate that the device is waiting to receive its program configuration.

The Power LED is lit – green if the device's backup battery is fully charged, red if the backup battery is not fully charged.

Once the program configuration has been received successfully, the yellow Attention LED will be lit for 3 seconds.



The Attention LED will then flash green to indicate that the device is waiting to communicate with its paired bracelet that has been installed on the offender's ankle (strap closed and body detected).

Following initial communication with the correctly installed bracelet, the green Attention LED stops flashing and will be lit for 3 seconds indicating that the installation sequence is complete. This indicates that the Hub 300 has been activated successfully. At this point, a "Device Installed" event will be reported to the system and can be observed by the Web application user.



If the Hub 300 does not complete all of the activation stages successfully, enter the Settings menu and choose Activation to view the status of the activation sequence or Equipment to view the status of the devices – see sections 4.8: Activation and 4.6: Equipment for further details.

3 Operating the Hub 300

There are a number of basic functions that are designed for use by the monitored offender. It is important that you inform the offender regarding the functions described in this chapter and ensure that the offender understands how to operate the Hub 300 correctly.

The Hub 300 includes an LCD and a five-button keypad for navigating the device's menu-driven interface.



Figure 7: Hub 300 User Interface

To navigate the Hub 300's interface:

- Press ▲ and ▼ to scroll through menu options.
- Press ● to select the highlighted option.
- Press ◀ to navigate back to the previous menu.
- Press ■ to access the menu screen.

By default, the Hub 300 displays the time and date. If the display is green, there are no current curfew-related violations. If the display is red, there is a current curfew-related violation.

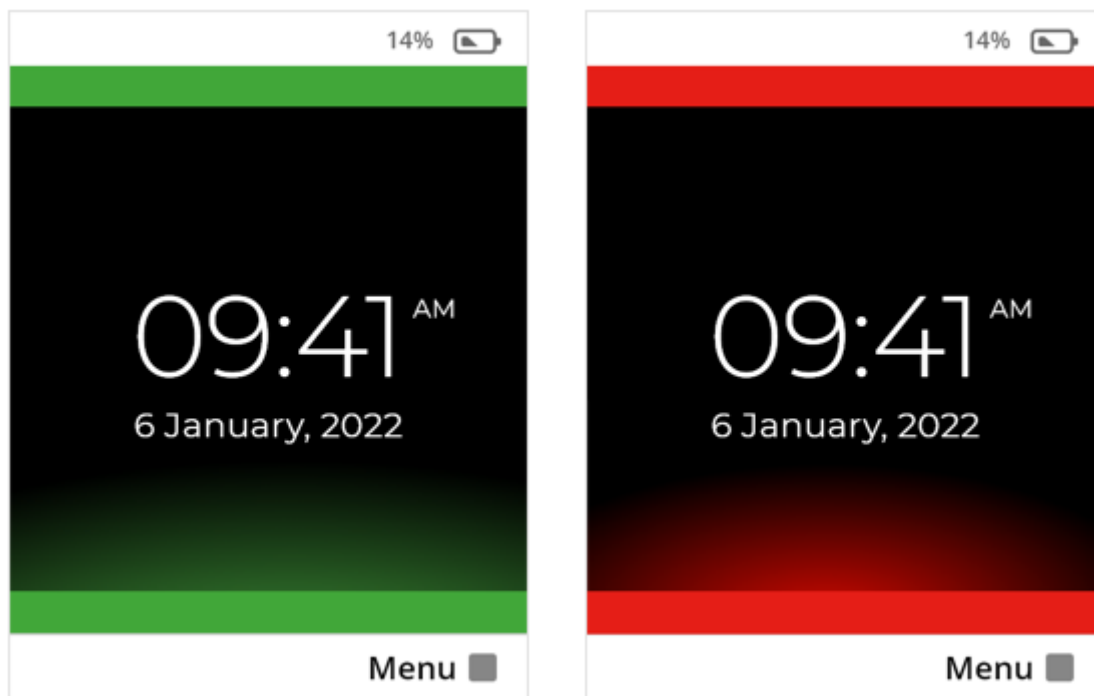


Figure 8: Default Screen Without Violation (left) and With Violation (right)

From the default screen, press any key (apart from ■ which is used to access the Menu screen) to view the Curfew screen.

The Curfew screen displays the current curfew status. It instructs the offender regarding whether or not they need to stay in the curfew area and informs the offender regarding the time of the next schedule window.

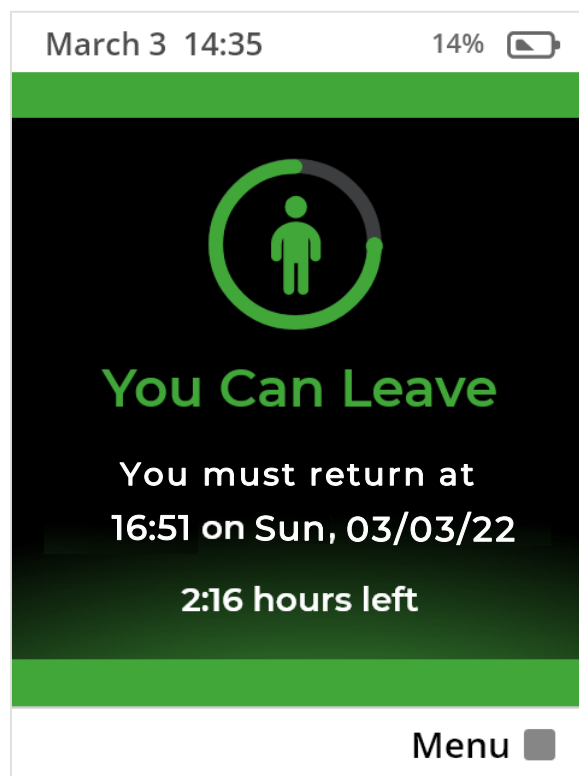


Figure 9: Curfew Screen Example

Press **■**, to display the Menu screen.

The Menu screen includes the elements described in the figure below.

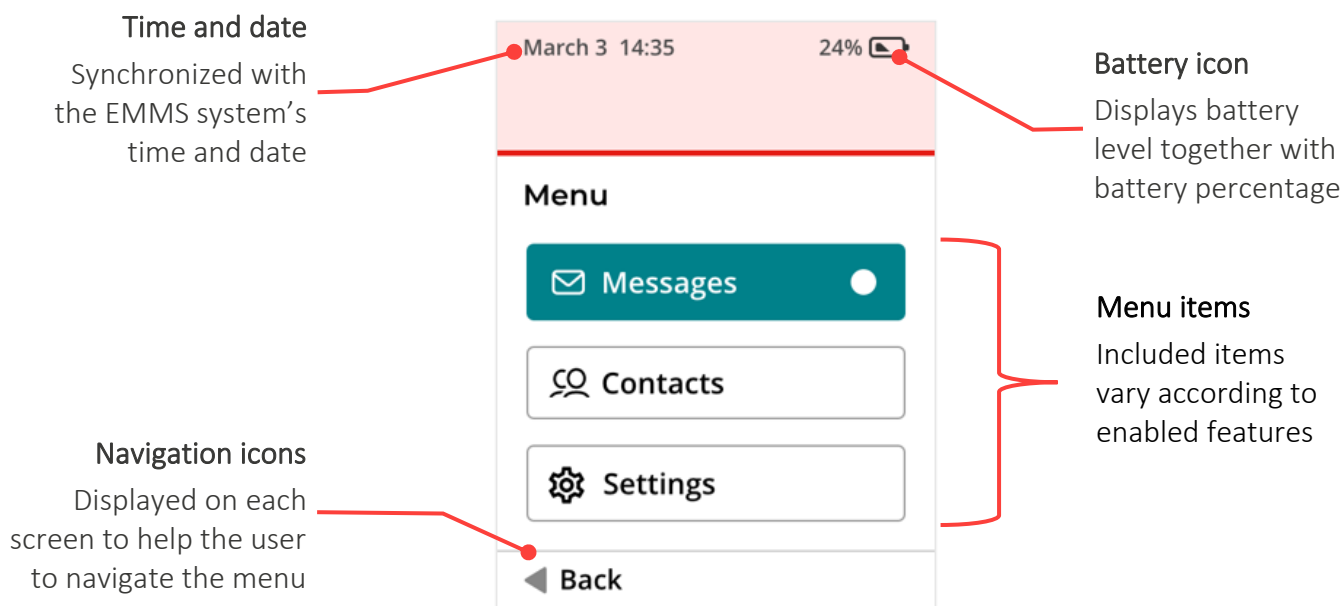


Figure 10: Hub 300 Menu Screen

3.1 Messages

The Hub 300 supports two types of message:

- Automatic notifications that are displayed when specific events occur.
- Text messages sent manually by monitoring center staff to the offender.

Both of these message types require acknowledgement that the message was read. However, text messages are stored by the device whereas automatic notifications are not.

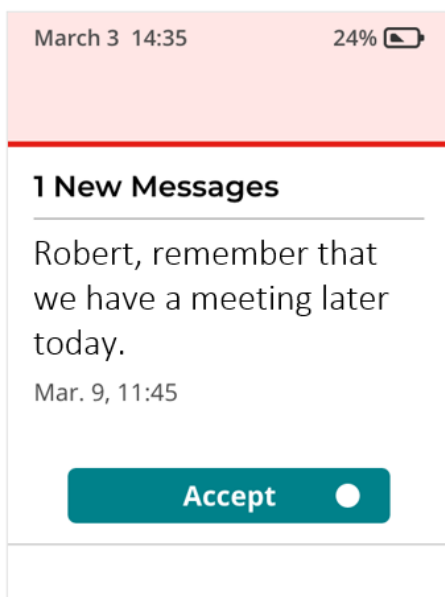


Figure 11: Example of a Notification Message

3.1.1 Acknowledging Received Messages

To acknowledge a message:

- Press ●.

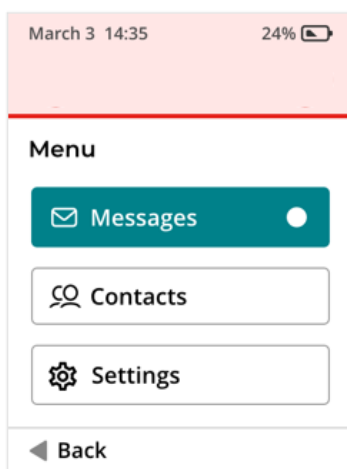
The message is cleared from the display.

3.1.2 Viewing Stored Messages

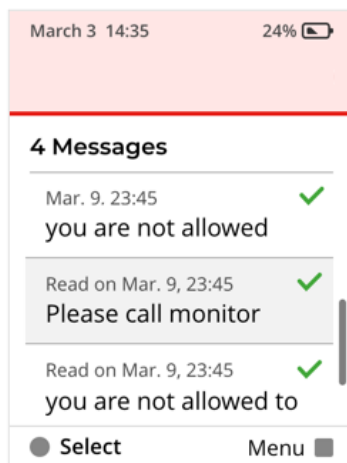
Text messages sent manually via the system to the Hub 300 are stored by the device. When the message list is full, older messages will be deleted when new messages are received.

To view a message in the message list:

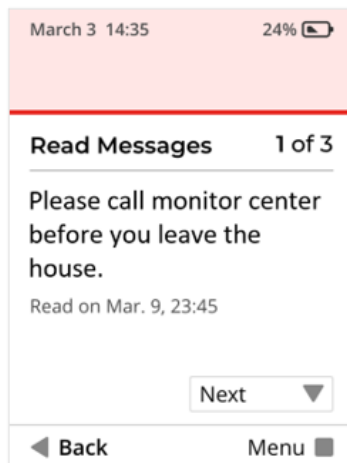
1. On the **Menu** screen, scroll to **Messages** and press ●.



2. In the Read Messages screen, scroll to the message you want to view and press ●.



The selected message is displayed.



3. Press ▼ to view the next message.

3.2 Phone Calls

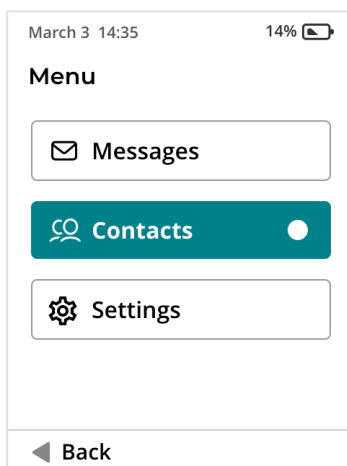
The monitored offender is able to call pre-defined contacts and also receive calls via the Hub 300.

3.2.1 Outgoing Calls

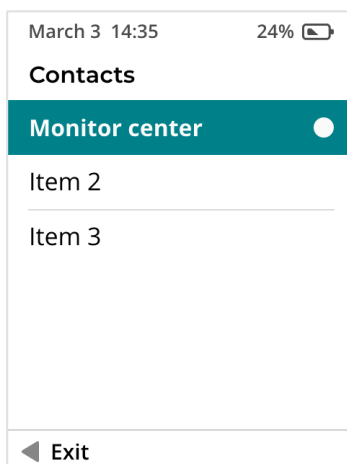
The Hub 300 enables the offender to make calls to a list of pre-defined phone numbers.

To make a call:

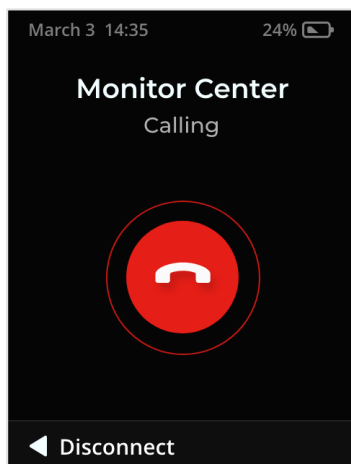
1. On the **Menu** screen, scroll to **Contacts** and press ●.



The Contacts screen is displayed.



2. On the **Contacts** screen, scroll to the contact you want to call and press ●.



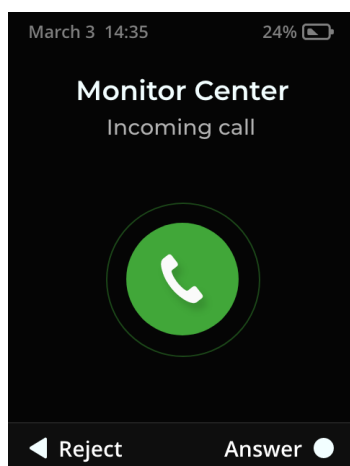
3. At the end of the call press ◀ to disconnect.

3.2.2 Incoming Calls

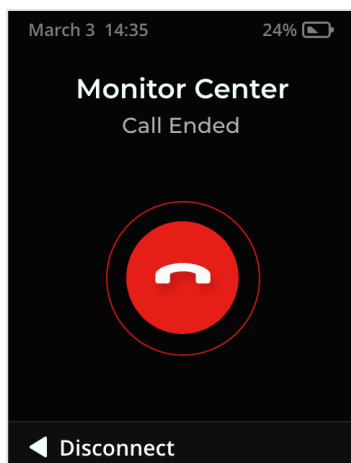
The Hub 300 is able to receive incoming calls. When there is an incoming call, the Hub 300 rings and displays a message.

To answer an incoming call:

1. When the Hub 300 rings, press ●.



2. At the end of the call press ◀ to disconnect.



3.3 General Rules for the Offender

The following are general Hub 300 monitoring program rules for the offender:

Never...

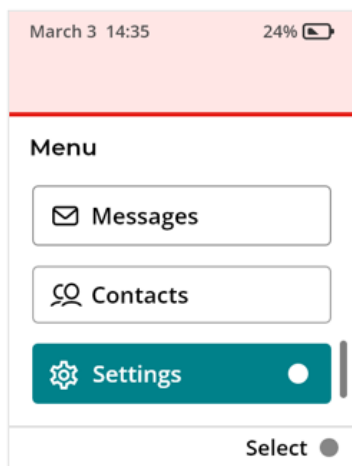
- Move the Hub 300 after it has been installed
- Place any objects on top of the Hub 300
- Disconnect the Hub 300 from external power
- Attempt to open the Hub 300
- Leave the designated curfew area during the defined curfew time frame
- Attempt to cut or break the bracelet strap.

4 Using The Settings Menu

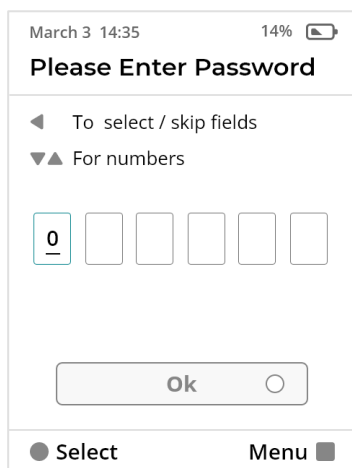
If enabled in the Electronic Monitoring Management System (EMMS), the Settings menu will appear on the Menu screen. The Settings menu is password protected and is accessible only to authorized personnel.

To access the Settings menu:

1. On the **Menu** screen, scroll to **Settings** and press ●.



2. Enter your password using the ▲ and ▼ keys to scroll the numbers. Press ◀ to move between digits.



3. Press ●.

4.1 General

The General Settings menu includes the following items:

- Languages
- Time format

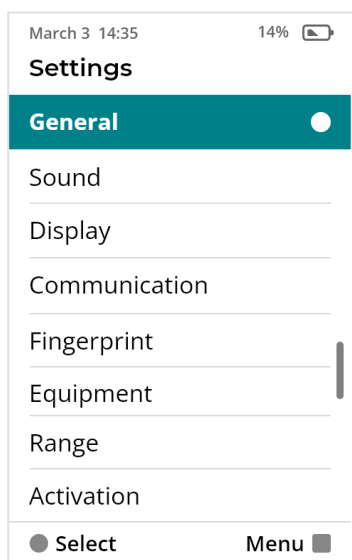
4.1.1 Setting the Language

The Hub 300 includes multi-language support. Additionally, you can set separate languages for the officer interface (the Settings menu) and the interface used by the monitored offender.

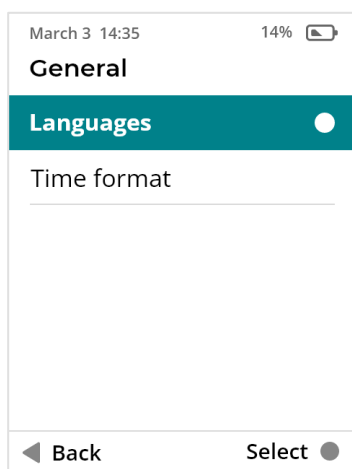
The language displayed to the offender is set in the EMMS. The selected language in the offender's details determines which language will appear on the Hub 300's user interface.

To set the Hub 300 Settings menu language:

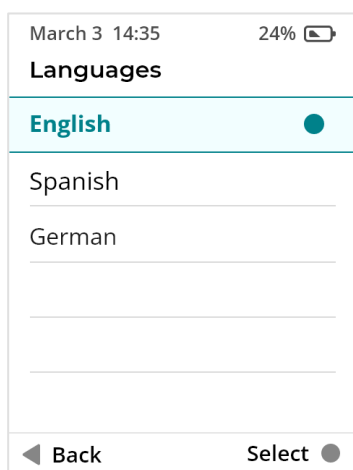
1. In **Settings**, scroll to **General** and press ●.



2. In **General**, scroll to **Languages** and press ●.



3. Scroll to the required language and press ●.

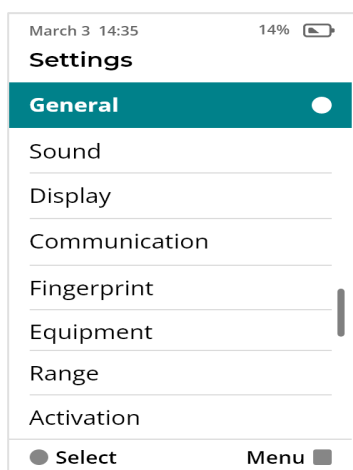


4.1.2 Setting the Time Format

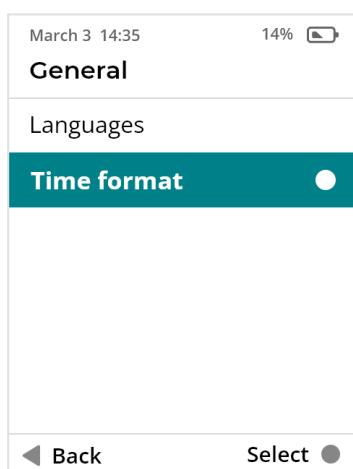
The Hub 300's time display can be set to 12hr or 24hr format.

To set the time format:

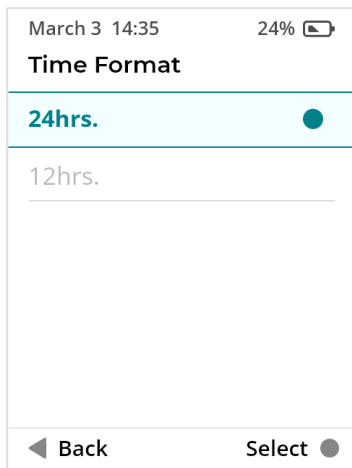
1. In **Settings**, scroll to **General** and press ●.



2. In **General**, scroll to **Time format** and press ●.



3. Scroll to the required time format and press ●.



4.2 Sound

The Sound menu includes the following items:

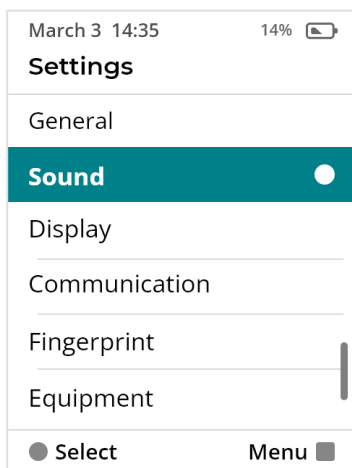
- Beep volume
- Ringer volume

4.2.1 Setting the Beep Volume

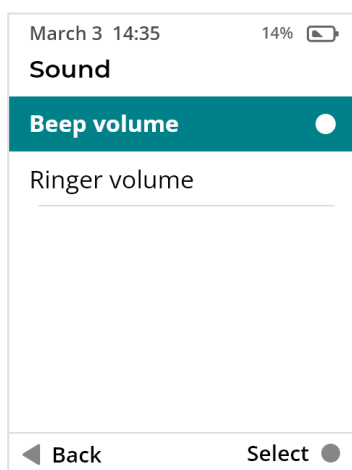
The Beep Volume setting enables you to choose the volume of tones sounded by the Hub 300 during regular operation.

To set the beep volume:

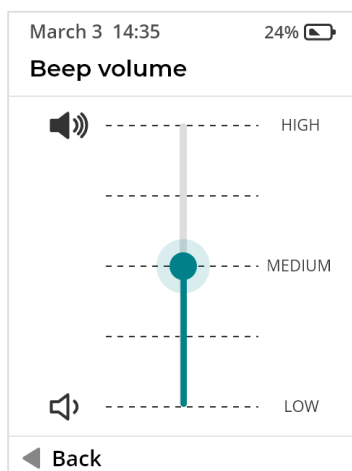
1. In **Settings**, scroll to **Sound** and press ●.



2. In **Sound**, scroll to **Beep volume** and press ●.



3. Use ▲ and ▼ to set the beep volume to the desired level.

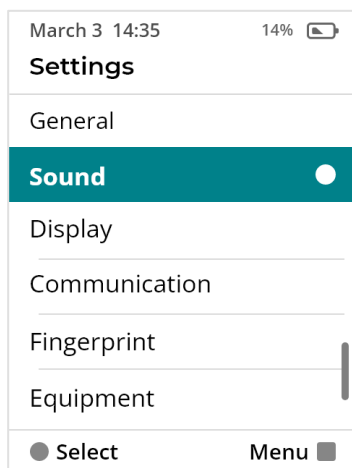


4.2.2 Setting the Ringer volume

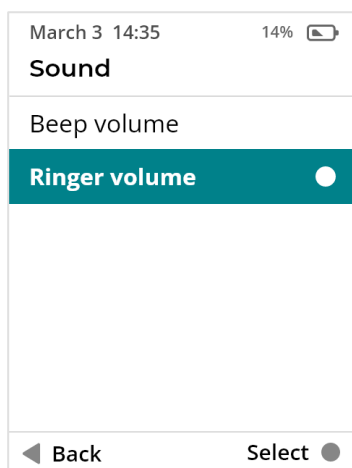
The Ringer Volume setting enables you to choose the volume of the ring tone sounded by the Hub 300 when there is an incoming call.

To set the beep volume:

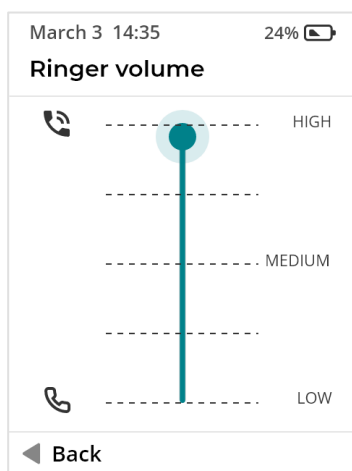
1. In **Settings**, scroll to **Sound** and press ●.



2. In **Sound**, scroll to **Ringer volume** and press ●.



3. Use ▲ and ▼ to set the ringer volume to the desired level.

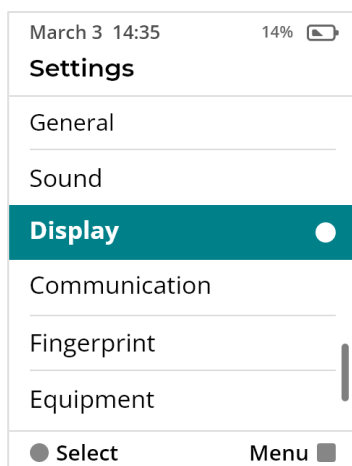


4.3 Display

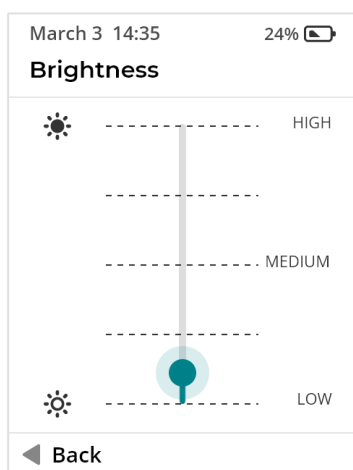
The Hub 300 offers the ability to adjust the brightness of the screen according to the user's preference.

To adjust screen brightness:

1. In **Settings**, scroll to **Display** and press ●.



2. Use ▲ and ▼ to set the screen brightness to the desired level.



4.4 Communication

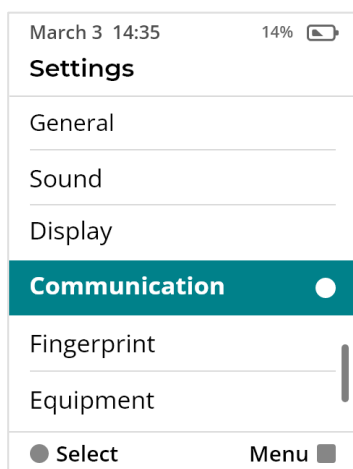
The Communication screen displays the following information regarding connections to communication networks:

- Cellular communication
 - » Cellular network RSSI
 - » Cellular network type
 - » Cellular provider
- Wi-Fi network connection¹
- Location source²

 The Communication screen is refreshed automatically.

To view communication status:

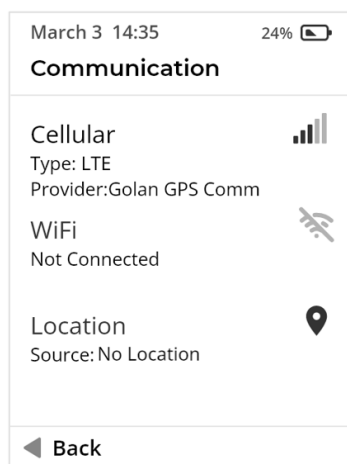
- In **Settings**, scroll to **Communication** and press ●.



¹ Wi-Fi connection is a future option not currently supported by the Hub 300.

² Location is a future option not currently supported by the Hub 300.

The Communication screen is displayed.

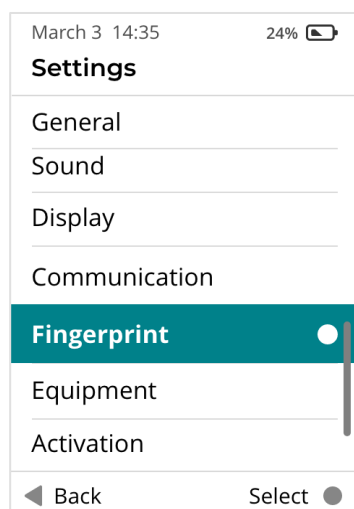


4.5 Fingerprint

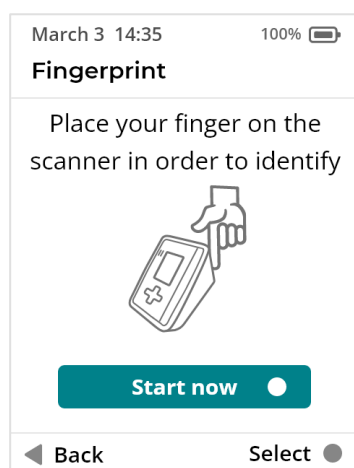
The Hub 300 includes a fingerprint scanner that serves as an additional method of authenticating the identity of the offender. For the feature to function, the offender's fingerprint must be enrolled in the presence of an officer or installer.

To enroll a fingerprint:

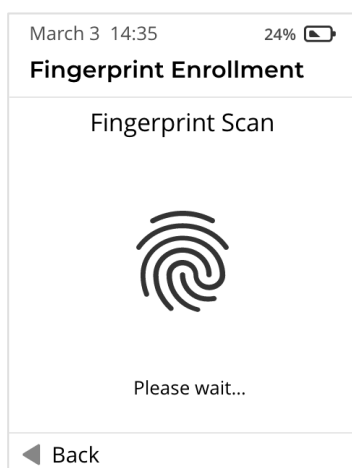
1. In **Settings**, scroll to **Fingerprint** and press ●.



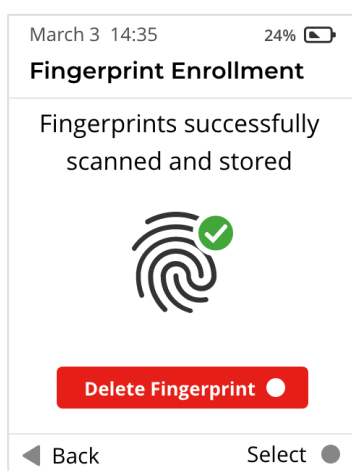
The Fingerprint Enrollment screen is displayed.



2. Press ● to start the enrollment process.

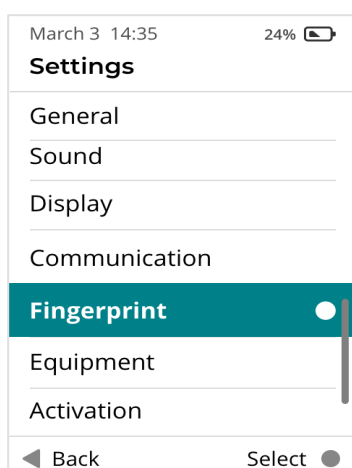


3. Place the offender's finger onto the Hub 300's fingerprint scanner until the Hub 300 confirms that the fingerprint was successfully enrolled.

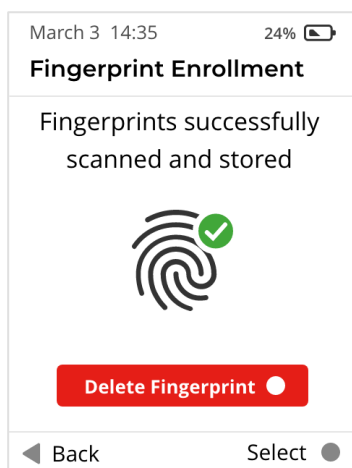


To delete the enrolled fingerprint:

1. In **Settings**, scroll to **Fingerprint** and press ●.

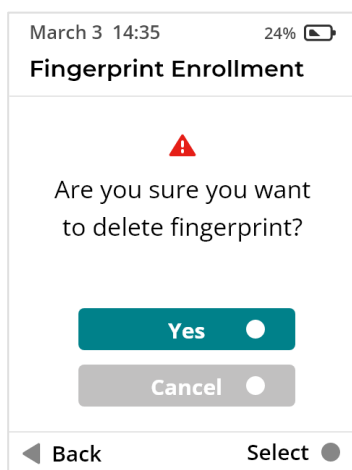


The Fingerprint Enrollment screen is displayed.



2. Press ● to delete the enrolled fingerprint.

A message is displayed asking you for confirmation.



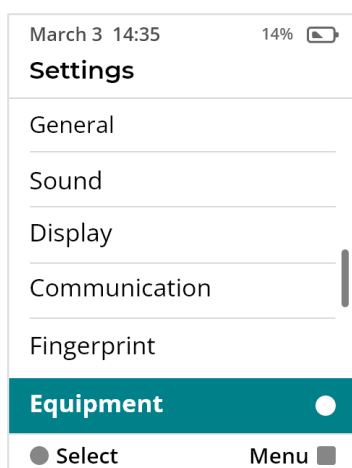
3. Press ● confirm that you want to delete the enrolled fingerprint.

4.6 Equipment

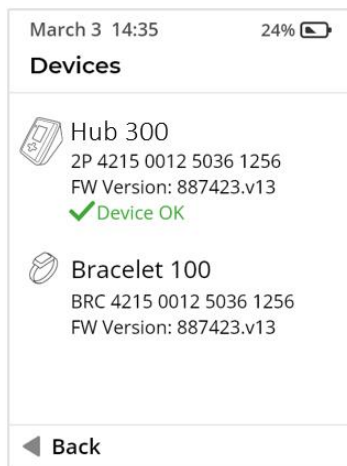
The Equipment screen displays the details and status of the Hub 300 and its paired bracelet.

To view equipment status:

- In **Settings**, scroll to **Equipment** and press ●.



The Equipment screen is displayed.



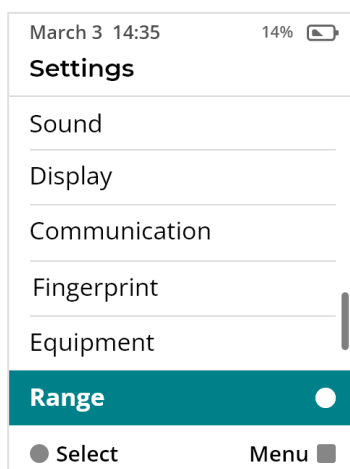
 The Communication screen is refreshed automatically.

4.7 Range

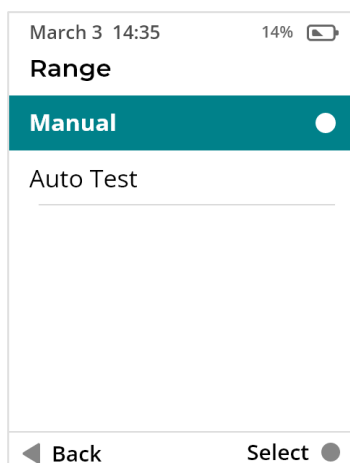
The Hub 300 supports three RF range settings. The RF range can either be set automatically using the range test feature or you can choose the range manually.

To set the range manually:

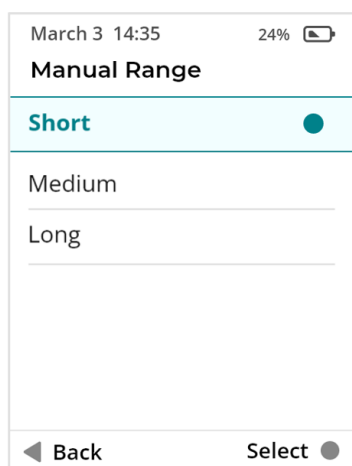
1. In **Settings**, scroll to **Range** and press .



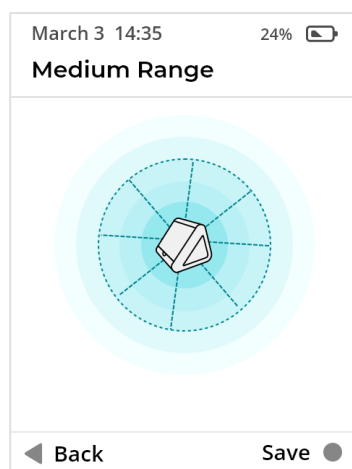
2. Scroll to **Manual** and press .



3. Scroll to the desired range and press ●.

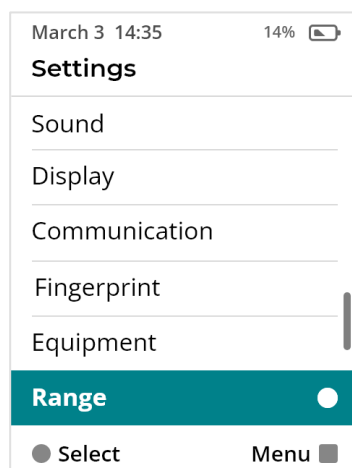


4. Press ● to save the selected range.

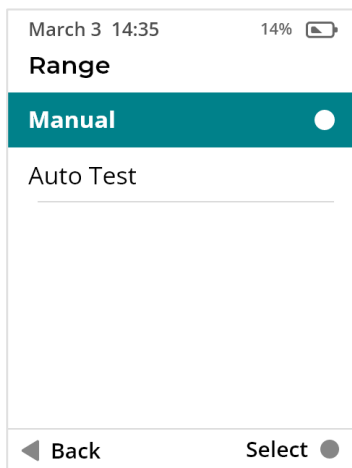


To perform a range test:

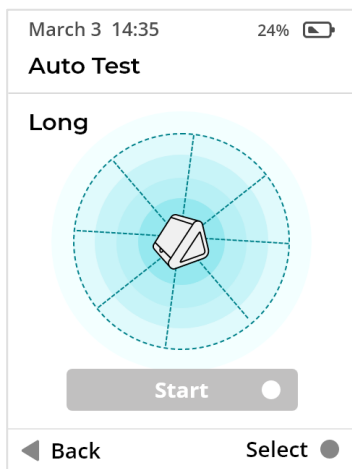
1. In **Settings**, scroll to **Range** and press ●.



2. Scroll to **Auto Test** and press ●.



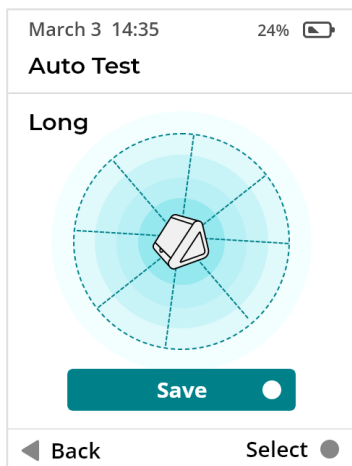
3. Press ● to start the range test.



4. Escort the offender around the curfew area.

The device sounds a tone each time a transmission is received from the bracelet. If the transmission is not received, the device sounds a different tone to indicate lack of reception.

5. After you have completed the range test and all areas of the curfew area have been covered, press ● to end the range test and save the range that is automatically set according to the test results.

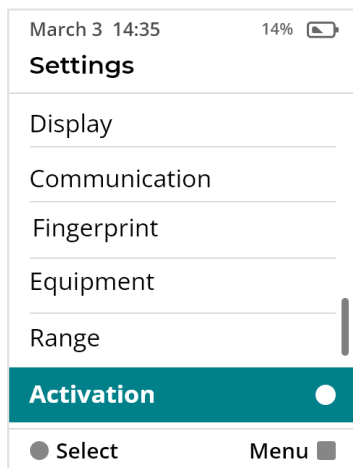


4.8 Activation

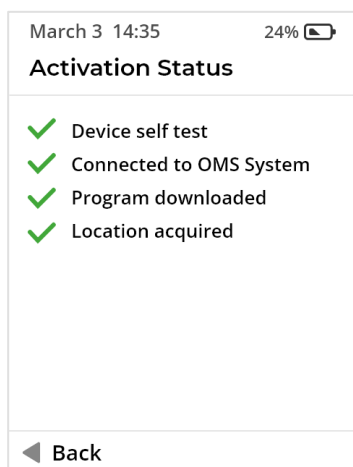
In addition to the LED indication that provides activation sequence status, you can also view activation status via the officer menu.

To view detailed activation status:

- In **Settings**, scroll to **Activation** and press ●.



The Activation Status screen is displayed.



Each time an activation stage has passed, a green tick is displayed next to the name of the stage. Once all of the list has been ticked, the activation sequence is complete.

5 Dismantling the Equipment

Dismantling the equipment involves the following:

- Performing an End of Service (when applicable).
- Removing and packing the Hub 300.
- Removing and packing the Bracelet 100.

5.1 Before Dismantling

Before leaving the monitoring center, check that you have the following dismantling tools:

- Strap installation tool – for releasing the strap.
- 0.2" (5mm) flathead screwdriver – for removing tamper plugs

In addition, make sure to bring the original carrying case for the Hub 300 and the Bracelet 100.

5.2 Performing an End of Service

In some cases, it is required to remove the Hub 300 before the full period of the offender's monitoring program is completed. In this case, the manual End of Service procedure should be completed before removing the Bracelet 100 from the offender's ankle.

To perform manual End of Service:

1. Call the monitoring center and ask the monitoring personnel to perform End of Service.
2. The monitoring center personnel will call back to confirm that End of Service was performed successfully. You can now remove the Bracelet 100.

Following End of Service, the Hub 300's Attention LED flashes yellow. While in this state, the device can be reactivated if required. After 30 minutes, the Hub 300 enters Shipping mode and will shut itself down. Note that the device will display no LED indication while in Shipping mode.

5.3 Removing the Equipment

The strap installation tool includes a feature that enables you to remove the Bracelet 100 from the offender's ankle.



Figure 12: Position of the Strap Removal Guide on the Strap Installation Tool

To remove the Bracelet 100 from the offender's ankle:

1. Place the strap installation tool's removal guide over the body of the Bracelet 100. This ensures that the tool is in the correct position to puncture the tamper plug and depress the latch on the strap clasp.



2. Squeeze the handles of the strap installation tool together.



3. Remove the tool and pull the strap away from the bracket.



4. Place the removal guide over the body of the Bracelet 100 to remove the other side of the strap.



5. Squeeze the handles of the strap installation tool together.



6. Remove the tool and pull the strap away from the bracket.



7. Using a flathead screwdriver, remove the tamper plugs from the body of the bracelet.



8. Collect the tamper plugs, strap clasps and pieces of strap that you have disassembled. Do not leave any disposable items on site.
9. Pack the Bracelet 100 together with the Hub 300, the power adapter and charging attachments into their original carrying case.

attenti

attentifusion

Hub 300 and Bracelet 100

User Guide

January 2024



Version	Comments	Author	Date
1.0	Initial release version.	Steve Graniewitz	31 January 2024

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Visit us at: attentigroup.com

Safety Information

Please read, understand, and follow all safety information contained in these instructions prior to the use of this Attenti Electronic Monitoring device. Retain these instructions for future reference.

Intended Use

This Attenti Electronic Monitoring device is part of an electronic monitoring system, which performs data transfer using cellular network to a monitoring platform. This device has not been tested for and is not intended for use on airplanes, in hazardous environments, in healthcare facilities, or where cellular phones or other intentional transmitters are restricted.

The functional operating temperature of the Hub 300 is -20°C to +55°C. The operating temperature of the Bracelet 100 is -20°C to +55°C. The storage temperature of the Hub 300 is -40°C to +70°C. The storage temperature of the Bracelet 100 is -40°C to +70°C.

Explanation of Signal Word Consequences	
 WARNING	Indicates a hazardous situation which, if not avoided, could result in serious injury or death.
 CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury and/or property damage.
NOTICE:	Indicates a situation which, if not avoided, could result in property damage.

Safety information for:

- Rechargeable hand-held/wearable devices
- Non-rechargeable hand-held/wearable devices
- Cradles/receivers/base units

 **WARNING**

Avoid placing a device next to an implanted electronic device (e.g., don't carry the device in a shirt or jacket pocket directly near an implanted device).

To reduce the risks associated with fire or explosion:

- Do not intentionally open or damage the device.
- Ensure storage temperature of device is within the range as specified in device manual.
- Do not attempt to access or replace battery. Battery is not user-replaceable. The device shall be opened by Attenti authorized service only.
- Do not use device outside of the specified operation temperature range.

 **WARNING**

To reduce the risks associated with hazardous voltage:

- Do not modify, decorate, or attempt to service the device. Return to Attenti authorized personnel or location for repair or service. There are no user serviceable parts.
- If the device or power cord becomes damaged, contact the agency representative from which you are monitored.

NOTICE:

- Only authorized personnel can turn off or remove the device.

Safety information for:

- Rechargeable hand-held/wearable devices
- Cradles/receivers/base units

**WARNING**

To reduce the risks associated with hazardous voltage:

- Do not modify AC/DC power adapter plug.
- Do not force the power plug into an outlet where it does not fit.
- Use only a safety certified LPS AC/DC plug-in power adapter with output rating 5 VDC, 2A provided by Attenti.
- Do not unplug AC/DC adapter by power cord. Handle the adapter by the body only.
- Do not attempt to charge the device using an outdoor outlet. Only use the AC/DC adapter indoors.
- Do not expose power adapter to rain, steam or wet conditions.
- Do not submerge the device, or hold the device under running water, while it is charging.

**CAUTION**

To reduce the risks associated with hot surfaces:

- Do not touch thermal pads on device or charger if charging is interrupted.
- Do not charge the device in temperatures above 45°C.

Safety information only for:

- Rechargeable Hand-held/wearable Devices
- Non-rechargeable Hand-held/wearable Devices

**WARNING**

To reduce the risks associated with fire or explosion:

- Do not enter areas with potentially explosive atmosphere. Potentially explosive areas are often, but not always, clearly marked.



CAUTION

- Avoid installing the electronic monitoring device in the presence of ulcers, open wounds, blisters, swelling or skin infection over the expected area of contact with the electronic monitoring device.
- If the user reports pain, numbness or other symptom over the expected area of contact with the electronic monitoring device, a medical opinion is recommended prior to installation.
- If the user reports concerns about an underlying medical condition that could be exacerbated by use of the electronic monitoring device, a medical opinion is recommended prior to installation of device.
- If, during use, the user experiences skin changes or symptoms in the area in contact with the electronic monitoring device, the user should immediately contact their agency representative.

Cancer Patients that have been treated with Radiotherapy:

- Avoid installing the electronic monitoring device in the presence of radiation-induced skin changes (such as ulcers, open wounds, blisters, desquamation, erythema, hyperpigmentation) over the expected area of contact with the electronic monitoring device. Otherwise, there is no currently available evidence the use of the electronic monitoring device is contraindicated in cancer patients that have been treated with Radiotherapy.

Pregnant women:

- Avoid installing the electronic monitoring device in the presence of ulcers, open wounds, blisters, swelling or skin infection over the expected area of contact with the electronic monitoring device. Otherwise, there is no currently available evidence the use of the electronic monitoring device is contraindicated in pregnant women.

Safety information only for:

- Cradles/receivers/base units



WARNING

To reduce the risks associated with hazardous voltage:

- Do not submerge the device or hold the device under running water.

WEEE



This symbol according to the European Directive indicates that the Waste of Electrical and Electronic Equipment (WEEE) must not be disposed of as unsorted municipal waste and must be collected separately. Please contact an authorized representative of the manufacturer or an authorized waste management company for information concerning the decommissioning of your equipment.

FCC

Hub 300 FCC ID: NC3HUB-300

Bracelet 100 FCC ID: NC3BRACELET-100

FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 15 STATEMENT

The equipment 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.

This device complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna, 2. Increase the separation between the equipment and the receiver, 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected, 4. Consult the dealer or an experienced radio/TV technician for help.

Attenti Electronic Monitoring has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

Note: To maintain compliance with the RF Exposure requirements, the Hub 300 device should be operated with a minimum separation distance of 20 cm (8 inches) between the equipment and a person's body.

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1 Introduction

The **attentifusion** Hub 300 is a home unit designed for offender monitoring applications. In home curfew monitoring programs, the presence or absence of the offender is determined according to the reception of radio transmissions between the home unit and the bracelet device worn by the offender.

The Hub 300 records the presence or absence of the offender in the defined curfew area. Events are generated according to the offender's defined curfew schedule. If, for example, the offender is absent when required to be in curfew, the Hub 300 generates a violation event.



Figure 1: attentifusion Hub 300

The offender is assigned a Bracelet 100 device that is physically attached to their body. The Bracelet 100 sends signals that enable the Hub 300 to determine the offender's presence. The Hub 300 generates events that are communicated to the monitoring center in order to report if the offender is adhering to the conditions of their curfew program.



Figure 2: attentifusion Bracelet 100

2 Operating the Hub 300

There are a number of basic functions that are designed for your use when participating in monitoring programs.

The Hub 300 includes an LCD and a five-button keypad for navigating the device's menu-driven interface.

To navigate the Hub 300's interface:

- Press ▲ and ▼ to scroll through menu options.
- Press ● to select the highlighted option.
- Press ◀ to navigate back to the previous menu.
- Press ■ to access the menu screen.

2.1 LED Indicators

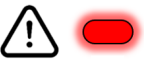
The Hub 300 features two LEDs, the Power LED and the Attention LED, that provide status indication.

The following sections explain the Hub 300's LED indication during regular operation and during the installation sequence.

2.1.1 Power LED Indication

LED Indication	LED Pattern	Status Description
	 Solid red	The Hub 300 is connected to external power and the backup battery is not yet fully charged.
	 Solid green	The Hub 300 is connected to external power and the backup battery is fully charged.
	 Flashing green (once every 10 seconds)	The Hub 300's external power has been disconnected and it is running on backup battery power.
	 Flashing red (once every 6 seconds)	The Hub 300's external power has been disconnected and it's backup battery is low.

2.1.2 Attention LED Indication During Regular Operation

LED Indication	LED Pattern	Status Description
	 Flashing red (once every 3 seconds)	The Hub 300 has generated an event that is configured to notify the offender.

2.1.3 Keypad Backlight

In addition to the LED indicators described above, the Hub 300 includes a backlit keypad that changes color to indicate whether there are any current violation or alert conditions.

The keypad backlight appears as follows:

- **Blue** – There are no current violation or alert conditions.
- **Red** – There are current violation or alert conditions.

2.1.4 Acknowledging Received Messages

To acknowledge a message:

- Press ●.

The message is cleared from the display.

2.2 Phone Calls

The monitored offender is able to call pre-defined contacts and also receive calls via the Hub 300.

2.2.1 Outgoing Calls

The Hub 300 enables the offender to make calls to a list of pre-defined phone numbers.

To make a call:

1. On the **Menu** screen, scroll to **Contacts** and press ●.
The Contacts screen is displayed.
2. On the **Contacts** screen, scroll to the contact you want to call and press ●.
3. At the end of the call press ◀ to disconnect.

2.2.2 Incoming Calls

The Hub 300 is able to receive incoming calls. When there is an incoming call, the Hub 300 rings and displays a message.

To answer an incoming call:

1. When the Hub 300 rings, press ●.
2. At the end of the call press ◀ to disconnect.

2.3 General Rules for the Offender

The following are general Hub 300 monitoring program rules for the offender:

Never...

- Move the Hub 300 after it has been installed
- Place any objects on top of the Hub 300
- Disconnect the Hub 300 from external power
- Attempt to open the Hub 300
- Leave the designated curfew area during the defined curfew time frame
- Attempt to cut or break the bracelet strap.