



Smart Technology, Made to Care



Notifier

Portable Alarm Receiver

Programming
Guide v.1.1



The Cair Notifier is jam-packed with more features than ever before! This clever portable alarm receiver is designed to make caring easier and simpler without the need for a telephone line or monitoring centre.

The Notifier features wireless charging, cloning, an SOS button and a divert option which allows carers to provide a high level of efficient care.

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Introduction

The Cair Notifier is jam-packed with more features than ever before! This clever portable alarm receiver is designed to make caring easier and simpler without the need for a telephone line or monitoring centre. The Notifier has wireless charging, cloning, an SOS button and a divert option which allows carers to provide a high level of efficient care.

Features

- Wireless charging
- Stylish, modern user interface
- Full colour LCD touch screen
- Ability to ‘Clone’ paired devices and settings wirelessly to another Notifier
- Divert to Dispersed Alarm (or other Notifiers) option
- SOS feature to alert other Notifiers or a Dispersed Alarm
- Auto Clear communication between Notifiers
- Supports up to 150 paired devices
- PIN protection to protect settings
- Sound, vibrate and strobe alerting options
- Anti-microbial, easy clean, water resistant handset
- Battery and charge status indicator
- Walk Test function to assist with range testing
- View and upload alert history (Buzzz charging base required to upload)
- Standard Mode for 1:1 use and Advanced Mode for a more complex setting

What’s in the Box?



USB Power Supply & Lead



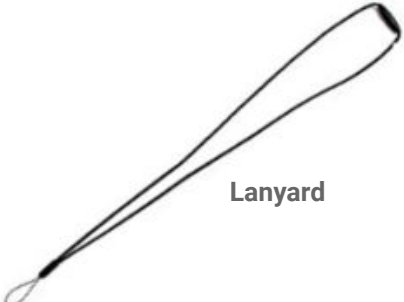
Notifier



Charging Base



Stylus



Lanyard



Belt Clip

General Information

Setting Up and Charging

1. Insert the Mini USB into the rear of the charging base and the USB plug into the power supply.
2. Insert the USB power supply into an electrical socket. The amber LEDs in the charging base will illuminate, flash three times shortly afterwards, then extinguish.
3. Place the Notifier into the charging base. Within a few seconds, a beep will be heard and the charging status will change from 'Ready' to 'Charging', then the screen will enter standby.
4. When the battery is low, the Notifier will require up to 2.5 hours to fully charge. If the Notifier is switched off, there will be no notification, although it will charge. More information on the battery charging procedure is provided on page 8.
5. The charging base should be positioned in a ventilated space, away from flammable materials or sources of heat, for example radiators, direct sunlight, heaters, and electrical devices. To ensure optimal radio coverage, avoid placing the charging base on or near objects made of metal or devices which can cause radio interference, for example filing cabinets, televisions, radios, Wi-Fi routers, mobile phones, and computers.
6. Follow this guide for information on how to pair devices to the Notifier and customise settings to your required preferences.

Note: It is possible to charge the Notifier using a Buzzz charging base (i.e. the metal pins on the Buzzz base will charge the Notifier). Please be aware that this doesn't work the other way round - the Notifier base does not have metal pins so it cannot charge the Buzzz.

On/Off & Standby

To switch the Notifier on, press and hold the on/off button for 6 seconds.

To switch the Notifier off, press and hold the on/off button for 6 seconds then press Yes to confirm power down.

Press the on/off button momentarily to place the screen into standby, and again to wake it up.

The Notifier will enter standby automatically if there is no activity within the Screen Delay period (see the Options menu on page 6)

Home Screen (with no alert)

The home screen contains, from top to bottom:

- CAIR logo. Tap this to flip the screen upside down. This is useful when wearing it with the belt clip
- Charging status. 'Ready' appears if not on charge. 'Low Battery' will appear if battery is low. 'Charging' will appear when charging
- Battery strength
- Day Mode (if Day Mode is switched on and the time is within programmed time window. See the Options Menu on page 6)
- Current date (this can be adjusted in the Settings menu. See page 4)
- Current time (this can be adjusted in the Settings menu. See page 4)
- Alarm Clock (will only appear if switched on in the Settings menu. See page 4)
- Mute Off/On Button (If Mute is switched on, the Notifier will ignore all alerts. This button will only appear if Mute is enabled in the Admin menu. See page 5)
- SOS Button (will only appear if switched on in the Radio menu. See page 7)
- Alerts (will only appear if alerts are delayed while using Advanced Mode. See page 6)
- Settings Button (this enters the Settings Menu. See page 4)

Home Screen (with alert)

When a paired device activates, the home screen contains, from top to bottom:

- Signal strength of device
- ID of activated device
- Battery strength of device
- Name assigned to device
- Location assigned to device
- Type and function of device
- OK Button. If Advanced Mode is enabled, multiple buttons will appear. These are explained below and on page 6

Acknowledging an alert in Standard Mode

Standard Mode is most suitable when only one Notifier is being used. More information is available on page 6.

- Press the **OK** button to acknowledge the alert.

Note: If Auto Clear (see page 7) is being used, pressing OK will also acknowledge the alert on the other Notifiers.

Acknowledging an alert in Advanced Mode

Advanced Mode is more suitable when two or more Notifiers are being used. More information is available on page 6.

- Press the **OK** button to acknowledge the alert immediately.
- Press the **Delay** button to postpone the alert. The alert will enter the call queue and reactivate after the Alert Delay time (Page 6)
- If the **Clear** Button is enabled, press it to clear an alert if you cannot attend to it.

Note: If Auto Clear (see page 7) is being used, pressing **OK** will also acknowledge the alert on the other Notifiers, while **Delay** and **Clear** will delay/clear the alert on that Notifier only.

Settings Menu

In the Settings Menu, you can customise the Notifier to your personal preferences via the icons on the screen. Each option is explained below.

Screen

The brightness of the display and the option to flash the screen when an alert occurs can be found within this setting. The **Brightness** option has 5 settings from 1 (dimkest) to 5 (brightest). Note that the brighter the display, the more it will impact on battery life.

If the **Strobe** option is enabled, the screen will flash when the Notifier alerts. The Strobe can be enabled/disabled by pressing the button (white button = strobe disabled, orange button = strobe enabled).

Note: If the Strobe option is switched on, the alert tone will change.

Away

Note: This option will only appear if Away is switched on when enabling Divert mode in the Radio menu, see page 7.

The Away option is designed to be used by a carer when they are using Divert but will be away from the Notifier for a period of time. If Away is enabled and an alert is raised, the Divert Delay will be ignored and an alert will be diverted within a few seconds. The carer can easily enable the away option when they leave, and disable it when they return.

Away can be enabled/disabled by pressing the button (white button = away disabled, orange button = away enabled).

Sound

The ringing volume, the ascending volume and vibration alert can be adjusted within this menu.

The **Volume** ranges from 0 (silent) to 3 (loud). Note: Sensors which are set to use tones 5 and 6 cannot be silenced.

The **Ascend** option can be enabled/disabled by pressing the button (white button = ascend disabled, orange button = ascend enabled).

Note: An alert will start at volume 1 if Ascend is enabled.

The **Vibrate** option can be enabled/disabled by pressing the button (white button = vibrate disabled, orange button = vibrate enabled).

Time

The time is shown on the front screen. It is important to set it for accurate event reporting and also when using the Day Mode function. Tap each icon and use the up/down arrows and Exit button to set the **Hours** and **Minutes**.

Note: The Notifier does not have daylight savings capability so the time should be manually adjusted when the clocks change.

Date

The date is shown on the front screen. It is important to set it for accurate event reporting. Tap each icon and use the up/down arrows and Exit button to set the **Day**, **Month** and **Year**.

Alarm Clock

The Notifier can be used as an alarm clock. Tap the **On/Off** button to enable/disable the alarm clock (white button = alarm clock disabled, orange button = alarm clock enabled), and use the up/down arrows and Exit button to set the **Hours** and **Minutes**. When enabled, the Alarm Clock details can be viewed on the home screen.

Admin

This button will open up a Qwerty keyboard (see below). The Admin Menu (see page 5) will be accessed if the correct PIN is entered.

Qwerty Keyboard

A unique feature of the Notifier is the requirement to enter a PIN, ensuring that unauthorised users cannot gain access to critical settings. To access the Admin Menu, enter the correct PIN followed by Ent. A stylus should be used to ensure precise input.

The default PIN is 1234, this can be changed within the Admin Menu. Abbreviations for the function buttons are:

- ESC - Escape
- Ent - Enter
- Sp - Space
- Bs - Backspace

Admin Menu

The Admin Menu is used for installations, management of devices, and advanced options. Each menu icon is explained below.

New Device

The Notifier can store up to 150 devices, with each one assigned to a unique name and location. The pairing process is intuitive and guides the user through each step. Before starting, ensure the device you would like to pair is prepared to transmit as it has to be activated within 30 seconds at stage 2 below:

1. Pair a Device. Press OK to proceed, or Exit to leave.
2. Activate Device (activate device within 30 seconds).
3. If the ID is Correct, press Yes. If not, choose No and start again.
4. Copy Existing Name? If names are already stored, they can be chosen again. If not, they can be entered using the keypad.
5. Location. The stored location for the above name can be used. If not, it can be entered using the keypad.
6. Day Mode On/Off. Choose to enable or disable Day Mode for that device (see page 6)
7. Tone Type. Choose one of six tones. Tones 5 and 6 cannot be silenced using the Sound/Volume option in the Settings menu. This is intended for use by supervisors who want to ensure that their staff can't silence alerts.
8. Customise Device? If No is selected, the device type will be the same as the device activated at step 2 above. If Yes is selected, the device type can be changed. This may be useful if, for example you would like to change a 'Door Contact' to a 'Window Contact', or a 'PIR' to a 'Bed Sensor'.
9. Device Info. This is a summary of the chosen settings, tap OK to complete the pairing process.
10. Using Divert? Pair to Device? If the Divert option (see page 7) is being used, tap Yes at this stage, and pair it with the receiving device. If Divert is not required, press No.

Walk Test

When using the Notifier in a larger property, it is essential that a range test is performed to ensure full coverage. Walk Test will work with any compatible device, not just those paired with the Notifier.

When a device is activated in Walk Test, the Notifier will emit a sound and the display will list the following information of the device:

- Signal level (001 - 255)
- Unique decimal identity (the 'Radio Trigger ID')
- Unique hexadecimal identity
- Device Type
- Battery status
- Repeater number (this is useful when using our Orion Range Extender to boost range)

The **Reset** button will clear previous tests from the screen. To exit Walk Test, press the exit icon.

All of Cair's products have extended range which will ensure optimal coverage but if the result of the range test indicates that a property is too large for the Notifier, we recommend using our **Orion Range Extender** which boosts the range of all devices up to 1km line of sight.

Caution: Please be aware that a real alert cannot be received when the Notifier is in Walk Test, and there is no timeout function. Also, walk tests do not show in the Event Log.

New PIN

The PIN can be changed in this section. Enter the current PIN first, followed by the New PIN.

Mute Enable/Disable

If this option is enabled (orange button = Mute enabled), the Mute button will appear on the home screen. If it's disabled (white button = Mute disabled), the Mute button will not appear on the home screen. The Mute option is designed to be used in a multi-Notifier environment and allows a carer to switch off alerts on their handset.

Note: If only one Notifier is being used and Mute is turned on, please be aware that all alerts will be ignored by the Notifier.

History

The History section has four options:

- Upload Data. Paired Devices and Alert History can be viewed/ saved on a PC/Laptop using our free 'DataUploader' software. A Buzz charging base must be used to upload data. Please contact us for more information.
- View Devices - This option has been located in the History section to ensure it is more difficult to inadvertently edit or delete devices. When the icon is tapped, the first three paired sensors will be listed, use the down arrow to access the next three, and so on. Tap the required sensor to view the device details then choose Edit or Delete.
- Event Log. Alert history can be viewed on the screen. The last 964 events are saved on the Notifier.

Options

This button will enter the Options Menu (see page 6).

Options Menu

The Options Menu allows adjustments to the more advanced options within the Notifier. Each menu icon is explained below.

Day Mode Settings

The Day Mode option allows the Notifier to disregard alerts within a programmed time window. Day Mode is the period when timed devices will **not** activate an alert. Multiple devices can use Day Mode but there is only one programmable timed period.

- **Day Start.** Set the **Hours** and **Minutes** within this option (the device will **stop** alerting at this time).
- **Day On/Off.** This has to be switched **On** if using Day Mode (white button = day mode off, orange button = day mode on).
- **Day End.** Set the **Hours** and **Minutes** within this option (the device will **start** alerting at this time).

Note 1: Both the above settings and the New Device - Day Mode option (see page 5) have to be enabled for a sensor to work with Day Mode. Ensure the correct Time (see page 4) is also programmed.

Note 2: Day Mode will not work if the time window spans midnight. The Day Mode start time must be 0000 at the earliest, and the end time must be 2359 at the latest.

Screen Delay

This is the time period before the screen enters standby if left idle. Five options are available from 30 seconds up to 150 seconds.

Note: The longer the Screen Delay time, the more battery life will be impacted.

Mode

The Notifier has two mode options. **Standard** mode is intended to be used in a situation where only one Notifier is required while **Advanced** mode is more suitable when more than one Notifier is being used. Press **Set Mode** to alternate between the two options.

In **Standard Mode**, an alert is acknowledged by pressing the **OK** button.

In **Advanced Mode**, an alert can be acknowledged by pressing the OK button, or the alert can be delayed, or cleared (if the Clear button is enabled).

If the **OK** button is pressed, the alert will be acknowledged and cleared down.

If the **Delay** button is pressed, the alert(s) will enter a queue which can be accessed through the Alerts icon on the home screen (this icon will only appear if there are delayed alerts). A delayed alert will automatically re-alert after a configurable time period (see Alert Delay below). Up to 30 alerts can be delayed at the same time if required.

The **Clear** button is designed to be used by a carer who can't attend to the alert, therefore leaving it for others to acknowledge.

When Advanced mode is chosen, the choice to display the Clear Button is provided (white button = clear button disabled, orange button = clear button enabled).

Alert Delay

If using Advanced mode (see 'Mode' above), the Alert Delay is the time period before a delayed alert reactivates. Eight options are available from 30 seconds up to 240 seconds.

Radio

This button will enter the Radio Menu (see page 7).

Radio Menu

The Radio Menu allows adjustments to the new features within the Notifier. Each menu icon is explained below.

Divert

This feature can be used as a backup option if a carer may not be able to acknowledge an alert at all times. The Divert feature allows an unacknowledged alert to be diverted onto another compatible receiving system (eg; a dispersed alarm) if the alert isn't acknowledged within the Divert Delay period (see 'Divert Delay' below).

The **Divert** option can be enabled/disabled by pressing the button (white button = divert disabled, orange button = divert enabled). On enabling the Divert option, a question will appear on the screen asking 'Do you want to use away mode?'. If Yes is selected, the **Away** button will appear in the Settings menu (see page 4).

Note 1: When diverted, the device ID of the activated sensor will be altered to avoid clashing. It will be incremented by 100 digits (e.g. a pendant with an ID of 123456 will be diverted with an ID of 123556).

Note 2: This feature will only work when the Notifier is functioning. Please ensure that the Notifier is kept switched on and the battery is sufficiently charged.

Note 3: Extra consideration should be taken if using Divert mode with an Orion Range Extender (in incremental mode) is installed.

Divert Delay

If Divert (see above) is enabled, an alert will be diverted after the Divert Delay time period. Eight options are available from 30 seconds up to 240 seconds.

Auto Clear

This option can be utilised when there are two or more Notifiers being used together. The **Auto Clear** option can be enabled/disabled by pressing the button (white button = auto clear disabled, orange button = auto clear enabled). If auto clear is enabled on all Notifiers, when one Notifier acknowledges an alert, it will send a signal to the other Notifier(s) to clear down. The other Notifier(s) will display the number of the Notifier which acknowledged the alert (see 'Notifier Identity' below).

Note 1: For Auto Clear to work, each sensor has to be paired with all Notifiers in the group.

Note 2: If using the Auto Clear feature with an Orion Range Extender, please be aware that 'incremental mode' on the Orion should not be used.

Clone

This is a handy time saving measure which allows wireless duplicating of all paired devices and settings from one Notifier to another, or many others if required. To use this feature, navigate through the menus with the Notifiers, keeping in mind that the screen delay period might expire if a Notifier is left idle for too long.

When **Devices** or **Options** has been chosen, select whether to **Transmit** or **Receive**. Transmit should be chosen on the Notifier holding the data and Receive on the unit(s) which the data will be transferred to. Ensure that Receive is selected before transmitting the data. When using the Devices option, the transmitting Notifier will display the number of devices, and the receiving unit(s) will show the amount of devices received and saved. Devices will be saved on the receiving Notifier(s) if they aren't already paired. If they are already on the receiving Notifier(s), they won't be saved again.

Note: As any previously paired devices won't be saved again, please be aware that they may have different settings (e.g. name/ location/ device type, etc). With this in mind, it may be prudent to factory reset the Notifier(s) or delete device(s) before cloning.

SOS

The SOS option allows a carer to call for assistance from other Notifiers, or another receiving system. When enabled, the SOS button will appear on the main screen which then allows it to be paired with other devices. White button = SOS button disabled. Orange button = SOS button enabled.

Note: The SOS button can be paired with other Notifiers using the New Device menu (page 5).

Notifier Identity

When Auto Clear is enabled (see above), all Notifiers in a system should be numbered differently. The ID of the Notifier which acknowledged the alert is transmitted to all other Notifiers in the system. The **Notifier ID** option provides a choice of fifteen different notifier identities.

Note: The **Notifier ID** can also be used with the **Group ID** to create a specific 'Radio Trigger ID' for the SOS button. The Radio Trigger ID is worked out by multiplying the Group ID by 100 and the Notifier ID by 5, so for example a Group ID of 3 and Notifier ID of 8 would result in a Radio Trigger ID of 340 ($3 \times 100 + 8 \times 5 = 340$).

Maintenance

Battery Charging

The Notifier's home screen provides information on the status of the battery. At the top middle of the home screen, the grey bar indicates the battery status, and the symbol at the top right displays the battery strength.

When placed in the charging base, the Notifier should beep after a few seconds to confirm a connection is made and the status indication will change from 'Ready' to 'Charging'. After a few seconds, the screen will enter standby. If this doesn't happen, please remove the Notifier and reinsert it again into the charging base. The battery should be fully charged after around 2.5 hours, when the battery symbol becomes full. The Notifier will also charge if it is switched off, although there will be no indication on the screen. If the status bar is red and displays 'Low Battery', charge the Notifier as soon as practically possible.

Note 1: To preserve the life of the Notifier's battery, avoid partial charging of the battery wherever possible. Ensure the Notifier is charged fully then recharged when the battery is low,, similar to how a mobile phone should be treated.

Note 2: It is possible to charge the Notifier using a Buzzz charging base (i.e. the metal pins on the Buzzz base will charge the Notifier). Please be aware that this doesn't work the other way round - the Notifier base does not have metal pins so it cannot charge the Buzzz.

Troubleshooting FAQs

Q1: Why does the Notifier not appear to be charging?

Check the power supply plug and USB lead are connected and switched on. Check that the Notifier is switched on.

Note: The Notifier power supply plug and charging lead are specifically designed to work with the fast charging circuits in the Notifier. Please ensure that no other power supply or USB lead are used as they may cause issues.

Q2: The Notifier should be fully charged but the display is saying 'Not Charging'?

If the battery symbol is full and the display is saying 'Not Charging' it should be assumed that the Notifier is fully charged.

Q3: Why is the Notifier not alerting when a paired device activates?

Is the Notifier switched on? Is Mute switched on? Is Day Mode on? Use the Walk Test feature to check the Notifier can receive signals from devices. Check the paired device is operational too, activate another device if available.

Q4: Why is the screen upside down?

This is an intentional feature which is handy when wearing the Notifier around the waist with the belt clip. Tap the CAIR logo on the main screen to flip the screen upside down, and again to flip it back.

Q5: Why does the sounder beep and 'Pressure On Screen' is displayed?

This is an intentional feature to warn of something pressing on the screen.

Q6: Why is the Notifier not sounding when an alert is received?

Check the Sound Volume is set to higher than 0.

Q7: Why is the Notifier sounding when the sound setting is off?

Check the tone chosen for each device. If tones 5 or 6 are chosen, they cannot be silenced. This is an intentional feature.

Q8: Day Mode doesn't seem to be working?

The Day Mode start time is the time the sensor will **stop** alerting. The Day Mode stop time is the time the sensor will **start** alerting. Day Mode must be switched on in both the Options menu **and** when pairing the device too. See page 6 for more detail. Also, Day Mode will not work if the time window spans midnight. The Day Mode start time must be 0000 at the earliest, and the end time must be 2359 at the latest.

Q9: I'm not sure if the Notifier has enough range to cover a whole property.

For most installations, a Walk Test (see page 5) should be carried out to ensure the full area is covered. While performing the range test, the sensor should be activated from the location it will be installed, i.e. if it's a bed sensor, activate the sensor from the bed area. Ensure the Notifier is positioned in a location which won't impede the range, for example avoid electronic devices, metal cabinets etc. If the result of the range test indicates that the property is too large for the Notifier, we recommend using our Orion Range Extender which boosts the range of all devices. Also, all our sensors have a larger radio range than most other suppliers so using them will ensure optimal coverage.

Q10: The Upload Data feature isn't working?

Ensure that the software been installed on your laptop/PC, and that you're using a Notifier with a Buzzz charging base. Also check the power supply cable and USB lead are connected.

Specifications

Compatibility	Tunstall / TeleAlarm / Custom
Operating Frequency	869 MHz
Dimensions	Notifier - L117 x W56 x D14 mm Charging Base - L100 x W100 x H65mm
Charge	2.5 hrs / lasts between 1-2 days depending on usage
Wireless Range	600m line of sight with Cair sensors. Over 1km line of sight with Orion Range Extender
Weight	85g
Water ingress	Water resistant (can survive temporary immersion into water)
Compliance	UKCA / CE / RoHS 2 / RED
Warranty	24 months

Packing for shipment

The equipment containing cells or batteries must be packed in strong rigid packaging and must be secured against movement within the outer packaging to prevent accidental activation. The sender's name and return address must be clearly visible on the outer packaging.

Safety

Do not dismantle or alter the unit. Do not open the case. The Notifier is water resistant so can be used in most locations but the charging base should be used indoors in dry areas only.

Disposal

All electronic waste should be disposed of in accordance with the latest legislation.

It must be disposed of within the electrical and electronic waste stream and not be disposed of in the normal waste stream. Recycling electrical waste products help to conserve natural resources and prevent adverse effects on the environment. Contact your supplier should you require more information.

