Programming Guide V 1.1

Specifications

Compatibility	Tunstall / TeleAlarm / Custom
Operating Frequency	869 MHz / Custom
Dimensions	H115 x W69 x D28 mm
Input	2 x RJ12 inputs (some RJ11 connections are compatible - contact us for more information)
Selectable Options	Via easy to select rotary switch
Selectable Audio	Option for audio reassurance
Power Supply	AA batteries (User replaceable)
Battery Life	3 years under the following conditions - 5 alarms transmission per day
Wireless Range	Up to 600m line of sight
Compliance	CE / RoHS 2 / RED
Warranty	24 months

Battery Replacement

Two 'Energizer L91 Ultimate Lithium AA' Batteries (Part no M115-110) should be used to ensure maximum battery life. It is important that the batteries are inserted correctly. Please note the polarity markings within the battery compartment. Once the batteries have been replaced, ensure the programmed settings are still correct.
Note: When replacing batteries, it is important to completely drain any residual power before new batteries are inserted. To do this, simply remove the old batteries, press and hold the on/off switch for 5 seconds, then insert the new batteries.

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. Indoor use in dry location 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.

Declaration of Conformity:

Hereby, Cair (UK) Ltd declares that the radio equipment type, Cair Connect is in compliance with Directive 2014/53/EU

CE

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CAIR Connect

CAIR

Smart Technology, Made to Care

Connect

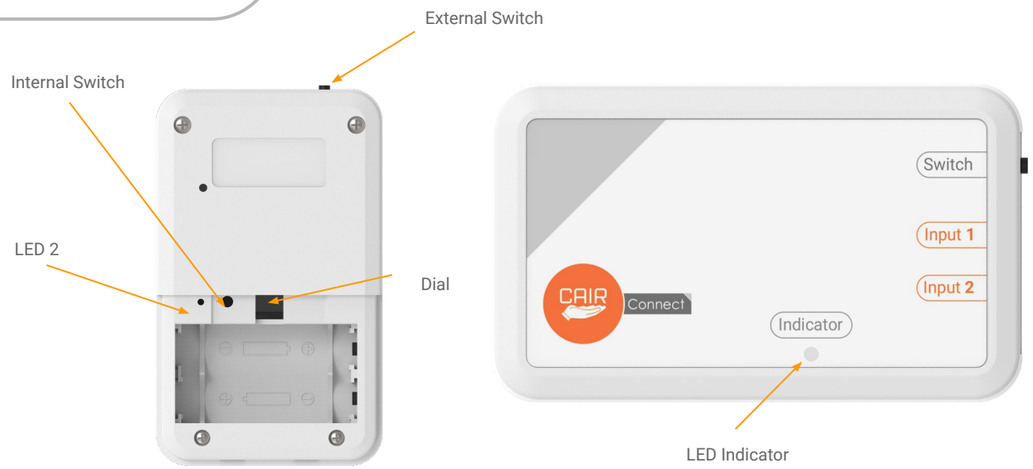
Intelligent Universal Transmitter

Programming Guide V 1.0

The Cair Connect is an intelligent universal transmitter.

Simple and easy to use, the versatile Cair Connect can turn any hard wired device into a radio trigger. It works as an interface between hard wired devices and telecare enabled systems. Two RJ12 terminal inputs are provided for multiple device connections.

Programming Guide V 1.1



Operation

The Connect is an easy to use universal transmitter with 8 different device settings, a sound option and the ability to disable the on/off switch. There are two RJ12 inputs on the Connect. Please follow the instructions below and overleaf before attempting to program the Connect. **Note:** some RJ11 connections are compatible - contact us for more information.

Switching On

To switch on, press and hold the external switch. The LED Indicator will flash red/green then produce a high-pitched tone followed by a brief green flash to confirm it is on. The switch can now be released. The external switch can be disabled, refer to Option 9 overleaf.

Switching Off

To switch off, press and hold the external switch. The LED Indicator will flash red/green then produce a low-pitched tone followed by a brief red flash to confirm it is off. The switch can now be released. The external switch can be disabled, refer to Option 9 overleaf.

Programming the Modes/Options

To program the modes/options, use the following method:

1. Turn the dial to the desired setting
2. Press and hold the internal switch for approximately two seconds using a suitable instrument until LED 2 changes colour and a sound is heard
3. Release the internal switch. LED 2 and the sounder will flash/beep to confirm the mode/option number you have chosen. Please note there is an extra step if using modes 3 and 4, see the mode descriptions overleaf for details
4. Repeat steps 1-3 for other modes/options
5. If using Modes 1-4, simply set the dial to the desired absence delay as described below. There is no need to press the internal switch to set the absence delay

Absence Delay (Modes 1-4 only)

Once the modes/options have been chosen, simply turn the dial to the desired number which matches the delay time required. There is no need to press and hold the internal switch afterwards. The time settings are:

0 – 0.5 Second
1 – 1 Second
2 – 3 Seconds
3 – 10 Seconds
4 – 30 Seconds
5 – 1 Minute
6 – 3 Minutes
7 – 10 Minutes
8 – 15 Minutes
9 – 30 Minutes

Assigning the Connect to a Notifier or other receiving system

1. Program the Connect to the desired Mode (if using modes 1-4, for quicker programming, ensure the absence delay is set to a minimum).
2. Prepare the Notifier/other system by entering registration mode.
3. Activate the Connect.
4. The Notifier/other system should acknowledge the new device.

Modes/Options

The Connect is easily programmed using the dial positioned within the battery compartment. The dial is numbered 0-9. Each option is explained below:

No.0. Personal Trigger Mode. Mode 0 sends a radio message immediately on activation of the device. This mode is equivalent to the 'Pendant' setting on a Universal Sensor.

No.1. Bed/Chair Absence Mode. Mode 1 is designed for use with Bed/Chair pads and works with the absence delays listed overleaf. This mode will send a radio message when the bed/chair is vacated, and is equivalent to the 'Bed Occupancy Sensor' setting on a Universal Sensor. This mode will become active when weight has been applied to the bed/chair pad for more than 3 seconds, this is to allow for a settling in time or slight movement once settled.

No.2. Virtual Bed/Chair Mode. Mode 2 is designed for use with Bed/Chair pads and works with the absence delays listed overleaf. This mode will send a radio message when the bed/chair is entered and vacated, and is equivalent to the 'Bed In/Out' setting on a Universal Sensor. This mode will become active when weight has been applied to the bed/chair pad for more than 3 seconds, this is to allow for a settling in time or slight movement once settled.

No.3. Property Exit Sensor Mode. Mode 3 is designed for use with door contacts and works with the absence delays listed overleaf. This mode will send a radio message when the door opens, and is equivalent to the 'Door Open' setting on a Universal Sensor.
If 'normally closed' door contacts (default) are being used, programming is exactly as explained in the 'Programming the Modes/Options' section overleaf. There is an additional step if 'normally open' door contacts are being used: after step 3, LED 2 will flash green/red for 3 seconds, during this time press the internal switch once to select the option for normally open contacts. To revert back to the normally closed option, redo step 3 and press the internal switch again while LED2 is flashing green/red.
Important: If the setting has been changed from 'normally closed' to 'normally open', a factory reset will not alter this setting, therefore, it must be done manually if a change is required.
Note: The absence delay should be minimal for Mode 3 as closing the door within the delay time would mean no radio message is sent.

No.4. Virtual Door Mode. Mode 4 is designed for use with door contacts and works with the absence delays listed overleaf. This mode will send a radio message when the door opens and closes. If 'normally closed' door contacts are being used, programming is exactly as explained in the 'Programming the Modes/Options' section overleaf. There is an additional step if 'normally open' door contacts are being used: after step 3, LED 2 will flash green/red for 3 seconds, during this time press the internal switch once to select the option for normally open contacts. To revert back to the normally closed option, redo step 3 and press the internal switch again while LED2 is flashing green/red.
Note: If an instant door open trigger is required, the delay should be minimal.

No.5. Pressure Mat Mode. Mode 5 sends a radio message immediately on activation of the mat.
Note: A Pressure Mat doesn't automatically raise a call by default on a Lifeline, PC Connect has to be used to enable this.

No.6. Epilepsy Sensor Mode. Mode 6 sends a radio message immediately on activation of the sensor. This mode is equivalent to the 'Epilepsy' setting on a Universal Sensor.

No.7. Enuresis Sensor Mode. Mode 7 sends a radio message immediately on activation of the sensor. This mode is equivalent to the 'Enuresis' setting on a Universal Sensor.

No.8. Sound Option - On/Off. A sound will be emitted when the Connect has activated (depending on chosen mode) and also when a transmission is sent. This is switched off by default. To switch on the sound, follow the steps in the 'Programming the Modes/Options' section overleaf, the Connect will beep and flash green eight times to confirm the sound is being switched on. Follow the same steps to switch off the sound, the Connect will beep and flash red eight times to confirm the sound is being switched off.

No.9. External Switch Option - Enabled/Disabled (Default - Enabled). When disabled, the Connect cannot be switched off using the external switch. To disable the switch, follow the steps in the 'Programming the Modes/Options' section overleaf, the Connect will beep and flash green nine times to confirm the external switch is being disabled. Follow the same steps to enable the external switch, the Connect will beep and flash red nine times to confirm the external switch is being enabled.

Programming Example:

The following is an example of the steps needed to programme multiple options and set the absence period.
- No.1 (Bed Absence Mode)
- No.8 (Sound On/Off)
- Absence delay to 3 seconds (No.2 on dial)

1. Turn the dial to No.1
2. Press and hold the internal switch for approximately two seconds using a suitable instrument until the unit beeps and LED 2 changes from red to amber. LED 2 and the sounder will flash/beep once to confirm that mode number 1 has been chosen.
3. Turn the dial to No.8
4. Press and hold the internal switch for approximately two seconds using a suitable instrument until the unit beeps and LED 2 changes from red to amber. LED 2 and the sounder will flash/beep eight times to confirm that option number 8 has been chosen.
5. Turn the dial to No.2 (3 secs absence)

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