

Carecall System Catalog

Can't See any
Navigation Buttons?
Click [HERE](#)

Call and Reset Units

- [General Description](#)
- [CC100 - Patient Call](#)
- [CC109 - Nurse Presence](#)
- [CC110 - Emergency Call](#)
- [CC111 - Patient Call, Emergency Call & Nurse Presence](#)
- [CC112 - Door Minder](#)

Call Points

- [General Description](#)
- [CC102 - Pushbutton Call Point](#)
- [CC103 - Ceiling Pull Switch](#)
- [Smoke Detectors](#)
- [Pushsets & Handsets](#)

Overdoor Lamp Units and Sounders

- [General Description](#)
- [CC201 - Overdoor Lamp Unit](#)
- [CC202 - Dual Overdoor Lamp Unit](#)
- [CC203 - Triple Overdoor Unit](#)
- [CC205 - Single Overdoor Lamp and Sounder Unit](#)
- [CC204 - Sounder Unit](#)

Main Indicator Panel

- [General Description](#)

Slave Indicators, Zone Indicators

- [General Description](#)

Digital Display Units

- [General Description](#)

Staff Paging System

- [General Description](#)

Call and Reset Units

General Description

The call and reset unit accepts and holds calls made either from its own panel, from a patient pushset plugged into it, or from a call point such as a ceiling pull or push button unit connected to it. The call is acknowledged by the reassurance LED and forwarded via the overdoor lamp(s) to the main and any other indicator panels. The essential feature of a call and reset unit is that the call can only be cancelled at the point of origin, ensuring that the call is not overlooked. Call and reset units can be provided for one type of call only, eg Patient Call, or Nurse Presence or Emergency Call, or for all three types combined in one unit. Call and reset units can be integrated into a composite bedhead panel with other services such as lighting switches, power, intercom etc.

[Back to Top](#)

CC100 - Patient Call

A call and reset unit with Patient Call function only, it has CALL and RESET touchpads, an LED for reassurance indication and a socket to accept a patient pushset (Cat No. CC101). The unit is based on a PDL 600 Series polycarbonate plate and has a tough Lexan fascia for durability and ease of cleaning.

Wiring connections are made via a screw terminal connector block which plugs into the unit after wiring. Terminals are provided for the connection of a remote push button or ceiling pull switch. An 8 way DIP switch on the printed circuit board is used for selecting the identification number after installation. Refer to the Care Call System Manual for setting instructions. The unit fits a single gang flush box.



CC100

[Back to Top](#)

CC109 - Nurse Presence

A call and reset unit with Nurse Presence function only. The unit contains CALL and RESET touchpads, and a reassurance LED. An internal sounder is connected to the bus when the unit is operated. The construction and appearance is similar to the CC100 Patient Call unit, but the green colour of the CALL pad and the legend on the fascia clearly distinguish its function. Wiring connections are by means of a plug-in terminal block. An 8 way DIP switch is used for selecting the identification number after installation. Refer to the Care Call System Manual for setting instructions. Fits a single gang flush box.



CC109

[Back to Top](#)

CC110 - Emergency Call

A call and reset unit with Emergency Call function only. This unit has CALL and RESET touchpads, and a reassurance LED. Its construction and appearance is similar to the CC100 call and reset unit, but the red CALL pad and the legend on the fascia clearly distinguish its function. Wiring connections are made by means of a plug-in terminal block. An 8 way DIP switch is used for selecting the identification number after installation. Refer to Care Call System Manual for setting instructions. The unit fits a single gang flush box.



CC110

[Back to Top](#)

CC111 - Patient Call, Emergency Call & Nurse Presence

A call and reset unit with three functions: Patient Call, Emergency Call and Nurse Presence. The reassurance LED indicates which type of call has been initiated, by showing the appropriate colour. This unit has separate CALL pads for each function, and a common RESET pad. An internal

sounder is connected to the bus when the Nurse Presence function is selected. A socket for the connection of a patient pushset is also provided. Construction is similar to the CC100 call and reset unit, and wiring connections are made via a plug-in terminal block. Terminals are provided for the connection of a remote push button or ceiling pull switch to activate the Patient Call function. An 8 way DIP switch is provided for selecting an identification number after installation. Refer to Care Call System Manual for setting instructions. This unit fits a single gang flush box.

[Back to Top](#)



CC111

CC112 - Door Minder

Strictly speaking, this unit is not a call and reset unit, but performs a similar function. It translates the action of a door sensor switch into the form necessary to be transmitted along the main bus. It has a blank front plate and fits a standard single gang flush box. Connections are made via a plug-in terminal block. A 5 way DIP switch is used for selecting an identification number after installation. The door minder can be mounted anywhere near the door it monitors, and should be connected to a door switch with contacts which open when the door is opened. (Reed switch Cat No: CC112-S) The door minder may be used in conjunction with an overdoor lamp unit if required.



CC112

[Back to Top](#)

Call Points

General Description

The call and reset units have provision for connecting remote call points such as push button call points and ceiling pull switches. This permits, for example, three or four call buttons to be wired back to one call and reset unit in a large dayroom or lounge, or a ceiling pull switch in an en-suite bathroom to be connected to a call and reset unit at the bedside. Ceiling pull switches and wall push button points are fitted with reassurance LEDs. The Emergency Call and Nurse Presence call buttons may also be extended from the call and reset unit.

CC102 - Pushbutton Call Point

This unit can be used to provide a call point at a distance from the call and reset unit, or to provide a number of call points associated with one reset unit, eg in dayrooms, dining rooms etc. It consists of a polycarbonate plate on which is mounted a push button. It may be used in conjunction with

any call and reset unit. Fits a single gang flush box.

[Back to Top](#)



CC102

CC103 - Ceiling Pull Switch

The ceiling pull switch is a momentary action switch which can be used to provide a call point at a distance from the call and reset unit. It is particularly intended for use in showers, bathrooms etc so that the call and reset unit can be installed in a dry location. It is fitted with a pull cord 2 meters long to make it accessible from the floor. It may be used in conjunction with any call and reset unit. This switch is surface mounted and does not require a flush box.



CC103

[Back to Top](#)

Smoke Detectors

Smoke detectors can be connected to the bus via a call and reset unit. To distinguish between a smoke detector call and a 'normal' call the smoke detector can be connected to a call and reset unit which can send an Emergency call. The smoke detectors are powered from the Carecall bus and do not require battery checks or replacement.



CC401

[Back to Top](#)

Overdoor Lamp Units and Sounders

General Description

Mounted outside rooms containing call points, the overdoor lamp indicates when a call has been made from within the room, and by using different coloured lenses, can indicate the nature of a call, eg. Patient Call, Nurse Presence or Emergency Call. The lenses project from the surface of the plate to ensure good sideways visibility along the length of a corridor. The lamps flash when operated, which contributes to their visibility because of the increased sensitivity of the eye to peripheral movement. Overdoor lamps may be used as group lamps to indicate a call from within a group of rooms, such as at the head of a corridor, or on the remote side of a corridor door which is normally closed. The overdoor lamp must have the correct number and correct colour lenses for the type of call(s) which can originate from

within the room. Thus, a room equipped with Patient Call and Emergency Call requires a dual overdoor lamp with red and amber lenses.

[Back to Top](#)

CC201 - Overdoor Lamp Unit

This single overdoor lamp has a polycarbonate plate with a coloured lens which may be specified as Amber, Red or Green as required. Amber indicates a Patient Call, Red an Emergency Call and Green for Nurse Presence indication. It is used where the room it relates to originates only one type of call, (eg Patient Call only). For rooms with more than one type of call, a dual or triple overdoor lamp unit would be used. The projecting lens and high brightness of the pulsed lamp make for a highly visible signal. Wiring connections are made via a plug-in connector block. The unit fits a single gang flush box.



CC201

[Back to Top](#)

CC202 - Dual Overdoor Lamp Unit

Similar in construction to the single overdoor lamp unit, the dual version is used to distinguish between two types of call, or can be used as a group lamp to indicate different zones from which calls have originated. wiring connections are made via a plug-in terminal block, and the unit fits a single gang flush box.

[Back to Top](#)

CC203 - Triple Overdoor Lamp Unit

Similar in construction to the single overdoor lamp unit, the triple version is used to indicate the type of call originating from a room, Red for Emergency Call, Amber for Patient Call and Green indicating Nurse Presence. Wiring connections are made via a plug-in terminal block, and the unit fits a single gang flush box.



CC203

[Back to Top](#)

CC205 - Single Overdoor Lamp and Sounder Unit

This unit has a coloured lens and lamp on a plate like the overdoor lamp, but also incorporates a piezo sounder which is connected to the main bus. The sounder will repeat any sounder codes being generated within the system. The sounder is fitted with a pre-set level control behind the plate. Wiring connections are by means of a plug-in terminal block. This unit fits a single gang flush box.

[Back to Top](#)

CC204 - Sounder Unit

This stand-alone sounder can be used to repeat sounder codes being generated anywhere within the system. It consists of a polycarbonate plate with the sounder and circuit board mounted behind it. The sounder output level can be adjusted by means of a pre-set control on the circuit board. Wiring connections are made via a plug-in terminal block, and the unit fits a single gang flush box. *Miracle*

[Back to Top](#)

Main Indicator Panel

General Description

By the use of the communication bus, all call points can be displayed at the main indicator panel without requiring a separate conductor for each. A mimic indicator showing the position of each call point on a floor plan of the installation provides instant recognition of the nature and location of a call. Door alarm points are also displayed. Alternatively, the main indicator panel can be configured to show just groups of rooms, or wings and act as a zone indicator; or the LEDs can be arranged in numbered rows in the case of an apartment block, for example. For repeater indication throughout a large, or widely spread installation, zone indicators are an inexpensive option and can display the wing, area or zone from which a call has been made. The main indicator panel, apart from the LED indication of call points, door alarms etc., also contains the battery backup unit to support the system in case of mains failure. The power supply status is shown by an LED which shows green when the mains supply is healthy, and red when the system is operating from the battery. The main indicator also contains a sounder and mute switch. When the sounder is off, the associated LED shows red and any calls which are made show as flashing LEDs on the panel. When the sounder is on, the sounder LED shows green and calls are displayed as steady LEDs. The mimic panel is engraved on a white industrial formica panel which is hinged in a light grey frame. It is supplied complete with a metal box for flush mounting in the wall.

[Back to Top](#)

Slave Indicators, Zone Indicators

General Description

The main bus will support as many slave or zone indicators as may be required. They are connected directly to the main bus. (For the Carecall system a slave indicator is defined as

one which replicates all or part of the display on the main indicator, and shows individual call points. A zone indicator is defined as one which contains a number of LEDs each representing an area containing several call points). Both slave and zone indicators include a sounder and mute switch.

[Back to Top](#)

Digital Display Units

General Description

Digital display units are alpha-numeric LED displays which display the call location in the form of an alpha numeric message such as: BR 34, for bedroom number 34. The letters are 60 mm high and can be clearly read at distances of 20 to 30 metres. The message is displayed in red, amber or green characters for emergency, normal, or presence calls. Multiple calls are displayed by scrolling the messages DDUs are available in single or double sided versions, and include a sounder.

[Back to Top](#)

Staff Paging System

General Description

The paging system is connected to the main bus and relays call information via an on-site transmitter to pocket pagers carried by staff. The pagers are alpha-numeric and display messages in the form: "Emergency Call Bedroom 34", "Door Alarm Lounge 2". The calls are monitored by the pagers, but must be cancelled at the calling point. As well as relaying call system information, they can be used to send recorded messages to individual members of the staff eg, "Please Call Operator", "Visitor at Reception" etc. For more sophisticated paging functions, refer to the Care Call Manual section on the Miracle Angel Paging System.

[Back to Top](#)
