

CHANNEL

SAFETY SYSTEMS

Channel Call System



Nurse call system
from Channel Safety Systems

Channel Call System

Nurse call system

Incorporating a wide range of indicator panels and an extensive array of system components (including ceiling pulls, wall-mounting call points, monitoring points, water resistant alert points, overdoor lights, remote sounders, relays and call latch modules), it is without doubt one of the most versatile and reliable conventional call systems on the market.

Channel Call System is a wired system where individual devices are connected to the main control panel which when activated, will indicate the exact location of an "event".

Features

- Hard wired for total reliability – 4 to 6 core security cable is ideal for most installations
- Wide range of indicator panels covering 1 to 90 zones
- Extensive range of ancillaries including ceiling pulls, wall-mounting call points, monitoring points, water resistant alert points, overdoor lights, remote sounders, relays and call latch modules
- Simple to install, easy to operate and highly reliable
- All power supplies capable of 12V sealed lead acid battery charging
- Two levels of call – standard (constant tone) and emergency (intermittent tone)
- Can be used to help building managers and service providers comply with BS8300, the Equality / Disability Discrimination Act and the Care Standards Act

Applications

- Nursecall
- Dementia Care
- Staff Protection
- Emergency Assistance
- Cell Call
- Affray Locations
- Care Homes
- Hospitals
- GP Surgeries
- Hotels
- Leisure Centres
- Shops
- Offices
- Factories

How does it work?

Depending on the type of calling devices used, the system can be set up to operate as a standard system – on which standard (constant tone) calls are generated – or an emergency system – on which standard (constant tone) and emergency (intermittent tone) calls are generated.

Planning a system

The following points should be considered when designing or planning an call system.

- Indicator panels
- Call Points
- Ancillary calling devices
- Call latch modules
- Overdoor lights
- Remote sounders
- Relay units
- Master reset buttons
- Mute buttons



Image above shows from left to right 10-20 zone call controller and a 30 zone panel

The N/CH/920 is a master call controller which can either be surface or flush mounted. It is supplied with a 12V 300mA PSU. It includes a reset button and a mute/call acknowledge button. The N/CH/920 is compatible with all call points, ceiling pulls, infra-red receivers, monitoring points, over door lights and remote sounders.

The larger indicator panels have a light grey fascia with white spaces for labelling. Various types and sizes are available covering 1 to 90 zones. Repeater panels are also available. The cabinet, which is constructed of black metal, is designed to be surface mounted and includes a regulated power supply to charge a 12V 2.1Ahr back-up battery (not supplied). Each panel incorporates one zonal alarm LED per zone, an integral buzzer and a supply healthy LED.

10 - 20 Zone Call Controller

- Height 178mm
- Width 214mm
- Depth 70mm

10, 20, 30 Zone Panels

- Height 191mm
- Width 406mm
- Depth 83mm

40 Zone Panel

- Height 380mm
- Width 406mm
- Depth 83mm

PRODUCT CODE	DESCRIPTION
N/CC/810K	10-way call panel – without battery
N/CC/811K	10-way call repeater panel
N/CH/811KE	10-way nurse call repeater with emergency level
N/CH/812KE	10-way nurse call panel + battery with emergency level
N/CC/820K	20-way call panel – without battery
N/CC/821K	20-way call repeater panel
N/CH/822KE	20-way nurse call panel + battery with emergency level
N/CH/821KE	20-way nurse call repeater with emergency level
N/CC/830K	30-way call panel – without battery
N/CC/831K	30-way call repeater panel
N/CC/840K	40-way call panel – without battery
N/CH12/2.1	2.1Ah 12v battery



GET INTERACTIVE

Scan the code for further information and technical documents on the Channel Call System range

www.channelsafety.co.uk/channel-call-system/

Call Points



Two methods of reset are available - button or magnetic key. Reset buttons are fine for non-secure applications but reset keys are usually preferred in care establishments as they help prevent patients inadvertently cancelling their own calls.

Call points without an on-board reset facility, such as ceiling pulls, must be reset via a reset point or call point with an on-board reset facility.

The N/CH/802DB call point generates a standard level call by either the press of a button or via a call lead plugged into the remote socket. When a call is triggered, the call controller will alarm, indicating where the call has originated. Calls are reset via the button on the front of the device.

Product Dimensions

- Height 87mm
- Width 87mm
- Depth 35mm

PRODUCT CODE	DESCRIPTION
N/CH/802DB	Standard call point with button reset & remote socket
N/CH/802DEB1/2	Emergency call point with button reset & remote socket
N/CH/802DM	Standard call point (magnetic reset)
N/CH/802DEM	Emergency & standard call / reset point (magnetic reset)
N/CH/804DE	Emergency call / reset point (button reset)
N/CH/809DEM	Emergency call / reset point (magnetic reset)

Water Resistant Call Points



The N/CH/802DEWS is an IP65 rated water resistant slave call point. Up to 10 of these slave alert points can be used per master alert point (N/CH/802DEWM). This polycarbonate call point has a ø 40mm red mushroom push button.

Product Dimensions

- Height 65mm
- Width 65mm
- Depth 57mm

PRODUCT CODE	DESCRIPTION
N/CH/802DEWM	Master water resistant alert point (magnetic reset)
N/CH/802DEWS	Slave water resistant alert point

Ceiling Pull Unit

The N/CH/807C ceiling pull generates a standard level call when a resident 'pulls' the cord, these are most commonly used in bathrooms. They have no on board reset function so a remote reset point is required such as a N/CH/809DB.

Product Dimensions

- Diameter Ø 93mm
- Depth 27mm



PRODUCT CODE	DESCRIPTION
N/CH/807C	Ceiling pull cord call unit

Sounder

Up to three switchable or remote sounders can be connected to an indicator panel's sounder output to increase call levels.

The N/CH/888D sounder can be used in large sites to provide increased call level notification for the staff, it comes programmed with the default call tones and volume control.

Product Dimensions

- Height 87mm
- Width 87mm
- Depth 60mm

PRODUCT CODE	DESCRIPTION
N/CH/888D	Remote Sounder



Over door Light

Over door lights (if fitted) are normally installed outside rooms to increase call indication levels. If required, up to four zones can be connected to one over door light to provide area indication (in corridors, etc) with additional zones connectable via one or more input expanders.

The N/CH/806C over door light can be used to increase the call indication levels of the system. Positioned outside of rooms a member of staff can easily look down a corridor and see which room the call has been generated from.

Product Dimensions

- Height 87mm
- Width 87mm
- Depth 60mm

PRODUCT CODE	DESCRIPTION
N/CH/806C	Overdoor light
N/CH/806CS	Overdoor light & sounder



Monitoring Points



Monitoring points can be used to trigger a standard call if a fire exit, drug cupboard or storeroom is opened and can be isolated via an on-board keyswitch if required. They can also be connected to any device with an open or closed switch, such as a pressure mat, allowing it to operate as a standard call point when activated.

N/CH/894DKBs and N/CH/894DKMs have an isolation keyswitch, confidence light and RESET button or 'target'. When a door is opened a call is triggered.

PRODUCT CODE	DESCRIPTION
N/CH/894DKB	Button reset door monitoring point
N/CH/894DKM	Magnetic reset door monitoring point



Reset Units

N/CH/809DB and N/CH/809DM reset points can be used for resetting ceiling pulls and, if required, wall call points. They should be sited out of reach of residents.

The N/CH/809DB has a RESET button whereas the N/CH/809DM has a RESET target which is operated by an N/CH/803M Magnetic reset key.

Product Dimensions

- Height 85mm
- Width 85mm
- Depth 15mm

PRODUCT CODE	DESCRIPTION
N/CH/809DB	Button reset point
N/CH/809DM	Magnetic reset unit



Tail Call Lead Buttons

Tail call buttons consist of a pear-shaped push, a lead and a plug that connects it to a call point's remote socket.

A call is made by pressing the button or by pulling the plug out.

Tail call leads are available in a variety of different lengths (as indicated below) to suit different applications.

PRODUCT CODE	DESCRIPTION
N/CH/805D	4-12ft (1.22m - 3.66m) tail call lead
N/CH/805C/6	6ft (1.8m) tail call lead
N/CH/805/14	14ft (4.2m) tail call lead
N/CH/805C/6	25ft (7.62m) lead cable (pear push)

Pneumatic Pad

The N/CH/805P hand/foot pneumatic pad is used to generate a standard level call via the remote socket on a call point. It requires a remote air switch to operate (N/CH/805AS.)



PRODUCT CODE	DESCRIPTION
N/CH/805/P	Hand/foot operated pneumatic pad
N/CH/805/AS	Remote air switch

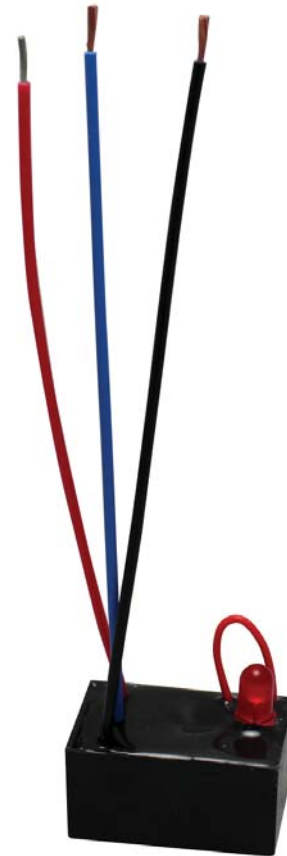
Call Latch Module

Call latch modules operate in a similar way to monitoring points but are smaller (for discreet mounting) and do not include an on board reset or isolating facility.

Product Dimensions

- Height 25mm
- Width 20mm
- Depth 15mm

PRODUCT CODE	DESCRIPTION
N/CH/889	Call latch module



Magnetic Reset Keys

The N/CH/803M magnetic reset keys are used to reset calls from made from call points such as N/CH/809DM.

PRODUCT CODE	DESCRIPTION
N/CH/803M	Magnetic reset key complete with keyring

