Advanced Medicall® 800 Dome Light
Designed for Modern Healthcare Environments

Features at a Glance
- Controls and monitors room patient and staff calling units
- Visual/audible room status
- Fully monitored LED segments
- Attractive clinical white casing
- Custom colours & configuration
- Optional add on sounder
- Vandal resistant version available
- Optional slave light version

Fully Monitored Lamp Segments – For Peace of Mind
For extra peace of mind and to satisfy a standard that exceeds most codes of practice, each of our lamp segments are fully and individually monitored.

Attractive Design
The unit has been purpose designed for today’s healthcare environment.

Customisable Lamp Segments
One of our most appreciated features is that our led lamp segments are fully customisable. This means that establishments can customise the combination of colours to suit their needs.

For example, the overdoor light could consist of four different coloured segments or any combination thereafter.

Indicates Room Status – Visually
The unit can be used to display call information and room status.

Examples:
- Normal calls
- Assistance calls
- Emergency calls
- Presences
- Room in Quarantine
- Room Needs Cleaning

Suitable Applications
- General Hospitals
- Private Hospitals
- Residential Homes
- Nursing Homes
- Clinics
- Surgeries
- Treatment Centres
- Respite Centres
- Leisure Centres
- Interview Rooms

Key Advantages:
- Customisable Colour Segments
- Fully Monitored Lamp Segments
- Optional Sounder
- Attractive Contemporary Design
**New Dome Style Overdoor Light**

**Feature Focus**
- New Clinical White
- Attractive Curved Clinical White
- Design – Ideal for Ward Upgrades
- Fully satisfies the requirements and recommendations of HTM 0803 & VDE 0834
- Ultra low current LEDs to reduce energy consumption and replacement downtime

**Optional: Security Cover for more Challenging Environments**

**Optional Plug-in Sounder**
Should an audible alarm be required, you simply need to add a sounder module to the base of the dome lamp. This obviates the necessity of costly and disruptive extra wiring.

**Low Voltage LED Technology – Lifecycle Advantage**
We are proud to employ ultra-low voltage led technology which will extend the life of the system and lower running costs.

**Optional Slave Light Version**
In cases where it’s desirable to employ a second slave light, this is too is possible now. It’s a cost effective unit without electronics that can be seamlessly added without too much fuss.

**Vandal Resistant Version Available**
For more challenging environments, we can also supply a robust vandal resistant cover.

**Intelligent Unit – For System Integrity**
Our new Medical® 800 Dome lamp contains the necessary electronics to which devices within a room are connected to.

- It’s part of our Zetsafe network, meaning that the system will operate on the basis of ‘distributed intelligence’, whereby all electronic devices form self-contained ‘nodes’ with their own processors and software.

- There shall be no ‘single point of failure’ which could affect the whole Call System, leading to improved system wide integrity and the confidence that failure points are localised and easily remedied.

**Calls and presences are indicated optically and audibly, depending on the configuration. The unit has 4 luminous segments with monitored LEDs.**

**Alternative Colours for other Events**
- Normal calls
- Emergency calls
- Alarm calls
- Rea calls (Cardiac call)
- Presences
- Assistance calls
- Storied calls

**Fault Indications**
In the event of a fault from one of the components within the room or indeed their lines, it’s vital to rectify the issue as soon as possible. To make life easy for response staff, these faults can be signalled visually and distinctly to direct local technical services to the room.

**Room in Quarantine**
A vital and commonly requested feature is to show for example that a room is in quarantine.

**Room Needs Cleaning**
Another often requested feature is a one action button press to let co staff know that a room requires cleaning.

**Examples of Application**

**Feature Focus**
We can now offer a much wider range of colours and combinations to deliver many other advantages.

The multi-colour LED light with electronics is an addressable LON node which monitors the connected room devices and reports their status to the main control unit of the station (TCP/IP gateway, station display).

In the standard configuration the selected colours are white, red, green and yellow/blue. Additional magenta, cyan and violet can also be predefined and selected according to requirements. The 8 monitored inputs with the associated outputs can be freely configured.

The light is configured with 6 call lines with reassurance lamp (4 bed lines, 1 room line and 1 WC line) & 2 presence lines. If only one presence is needed, the 2nd presence line can be configured as a call line (bed, room, WC).

**Standard Signaling**
Of course, our New Multi-Coloured Overdoor LED light signals all call types required by DIN VDE 0834 such as:
- Normal calls
- Emergency calls
- Alarm calls
- Rea calls (Cardiac call)
- Presences
- Assistance calls
- Storied calls

**Simultaneous Multi Light Operation**
Once of our much appreciated new features is for more than one light segment to be illuminated together for calls or presence statuses.

Calls, alarms or presences can now then be seen from even further away. This is particularly useful for crash and emergency type calls.

**Call System, leading to improved confidence that failure points are localised and easily remedied.**

**Room Ready**
Alternatively, with a simple press of a button, staff can show that the room is ready for use.

**Status of Monitored Devices**
The real time status of connected devices can be shown on the LED light. This allows both a healthy status and a fault status to be identified at a glance, i.e.
- Drugs cabinet
- Dialysis device
- Dementia care system

**Call Line (bed, room, WC).**

**Presence line can be configured as a**

**Room Needs Cleaning**

**alternative Color**

**Optional Sounder**

**Optional Slave Light**

**Intelligent Unit – For System Integrity**

**1075x56 to 1120x127
Image 1075x171 to 1120x242
Image 1075x321 to 1120x392
Image 1075x471 to 1121x542
1116x15
| 3
Software for Historical Analysis

Crowded Devices

WC DEVICES
- Call & Reset Panel
- Pull Cord

BED DEVICES
- Call Panel, Socket 15pin, Socket mini DIN, VDE

ROOM DEVICES
- Cardiac Unit
- Call, Presence Reset Panel, Buzzer
- LED Light without Electronics

CCTV

Fire Alarm

Company stamp:

Staff Base Console
- Emergency Call Display
- Speech Workstation

Input/Output Module

PSU c/w Bat. Backup

CareComms Server
- Network Switch
- IP Gateway

Ethernet (CAT 5/6)

Regional Switch

Multi-color LED Light with Electronics

Multi-color LED Light without Electronics

LED Light without Electronics

Speech Workstation
- Keyfob
- RFID Card
- Corridor Display

Patient's Handset

Call & Diagnostic Unit

Cardiac Unit

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