

ESG

Environmental Friendly Company

Olympia Electronics SA highlights its commitment to support and promote sustainable development and the principles of Corporate Social Responsibility through a global strategy. The company operates in the field of production of integrated security systems and implements practices aimed at protecting the environment, the addition of social value and the development of corporate social responsibility.



APPROVAL
SWISS
 Objectively True
 ISO 14001, ISO 45001, ISO 9001



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NURSE CALL SYSTEM

Reliable nurse call system for safer healthcare environments

The Nurse Call System provides a complete communication solution for hospitals, clinics, rehabilitation centres, nursing homes and assisted-living facilities. Designed to connect patients with nursing staff quickly and clearly, the system supports every stage of the call process—from the moment a patient requests assistance to the nurse's arrival and final call cancellation.

Visual and audible indications immediately identify the source and priority of each request. Calls can be displayed at the nurse station, indicated outside the patient room and guided through corridor lights, helping staff locate patients without delay. Active calls remain stored until they are acknowledged, while the nurse-presence function allows new calls to be transferred to the room or area where a nurse is currently working.

The system also supports standard patient calls, WC calls, assistance requests and emergency alerts, enabling staff to distinguish urgent situations and coordinate an effective response. With flexible programming, reliable call memory and adaptable peripheral devices, it can be configured according to the size, layout and operational needs of each healthcare facility.



KEY POINTS

- Complete call management from patient request to final cancellation
- Clear visual and audible call identification
- Support for patient, WC, assistance and emergency calls
- Room and bed identification at the nurse station
- Call indication through door and corridor lights
- Built-in call memory for unanswered requests
- Nurse-presence function with automatic call transfer
- Flexible configuration for different healthcare facilities
- Improved staff coordination and faster response times
- Designed to enhance patient confidence, safety and quality of care



Smart Call Management for Healthcare Facilities

MDC1 Master Station

The MDTC1 Master Station is a reliable and easy-to-use control unit designed for nurse call systems in hospitals, clinics, rehabilitation centres, nursing homes and assisted-living facilities.

Equipped with a 5-inch interactive touch screen, the MDTC1 gives nursing staff a clear overview of active calls and helps them identify where assistance is required. The system can manage calls from patient beds, rooms and WC areas, while different audible signals distinguish between standard calls, WC calls and emergency situations.

With support for up to 100 rooms and up to 12 beds per room, the MDTC1 is suitable for both small care units and

larger healthcare installations. It can display up to four simultaneous calls, helping staff organise priorities and respond efficiently during busy periods.

Calls can also be diverted to a rest room or to the area where the nurse is currently located, allowing staff to remain informed even when they are away from the main station. Built-in self-diagnosis continuously checks the system and cabling, supporting dependable operation and easier maintenance.

The unit can be installed on a wall or desktop and also offers an optional connection to a fire detection system.

KEY POINTS

- 5-inch interactive touch screen
- Supports up to 100 rooms
- Capacity of 1–12 beds per room
- Displays up to 4 simultaneous calls
- Separate tones for call, WC and emergency
- Automatic call diversion
- System and cable self-diagnosis
- Mute and interface buttons
- Wall or desktop mounting
- Power supply: 24 V DC / 80 mA
- Protection rating: IP50
- Connection to BMS
- Dmensions: 180 × 180 × 100 mm

Bathroom Pull-Cord Switch



MDCW-H Immediate call access in WC and bathroom areas

The Bathroom Pull-Cord Switch provides an accessible call point for WC and bathroom areas, allowing patients to request help quickly when assistance is needed.

Its pull-cord design ensures easy activation, while the LED indicator provides clear confirmation of the call. The membrane switch surface allows easy cleaning, making it suitable for healthcare environments where hygiene and reliability are essential.

KEY POINTS

- Call point for WC and bathroom areas
- Pull-cord activation for easy access
- 1.20 m cord
- LED indicator light
- Nurse call symbol
- Red or green switch option
- Membrane switch for easy cleaning
- Operating voltage: 24V / 25mA
- IP53 frame protection



MDCR

Patient Console

The MDCR Patient Console gives a simple and reliable way to call nursing staff directly from the bed. Its ergonomic design and easy-to-clean membrane switches make it ideal for everyday use in patient rooms.

The console includes a nurse call button, light control button, call light and night vision light. With a durable ABS enclosure and low-voltage operation, it provides a safe and practical bedside communication point for patients.

Easy patient access
to assistance
and lighting control

KEY POINTS

- **Bedside nurse call device**
- **Easy call activation from the patient's bed**
- **Durable ABS enclosure**
- **Ergonomic handle design**
- **Membrane switches for easy cleaning**
- **Nurse call button**
- **Console light button**
- **Call light indication**
- **Night vision light**
- **2 m cable with plug, RG11**
- **Wall or external socket mounting**
- **Low-voltage operation: 24V / 4mA**

Clear visual signalling outside every patient room



MDCR3

Patient Room Light

The MDCR3 Patient room light provides visual indication outside each patient room, helping nursing staff identify the type and location of a call at a glance.

With tri-colour LED indication, the device clearly distinguishes between patient calls, nurse presence and WC calls. In emergency situations, the lights flash to attract immediate attention and support faster response.

KEY POINTS

- **Visual room status indication**
- **Installed outside each patient room, above the door**
- **Tri-colour LED technology**
- **Red indication for patient call**
- **Green indication for nurse presence**
- **Orange indication for WC call**
- **Flashing indication for emergency situations**
- **Plastic and metal enclosure**
- **Operating voltage: 24V / 20mA**

Better room-level control for healthcare staff



MDCA
Nurse Presence – Cancellation Button

The MDCA Nurse Presence /Cancellation Button allows nursing staff to confirm their presence in a patient room and cancel active calls once assistance has been provided.

Equipped with LED indication, a membrane switch and an optional internal buzzer for calls from other rooms, it helps staff remain informed while attending patients. This supports organized workflow, better coordination and efficient call handling across the ward.

- KEY POINTS**
- Nurse presence confirmation
 - Call cancellation function
 - LED indication
 - Internal buzzer for calls from other rooms
 - Membrane switch for easy cleaning
 - Nurse symbol for easy identification
 - Wall or external mounting
 - Operating voltage: 24V / 25mA
 - IP53 frame protection

MDC4 Room Controller

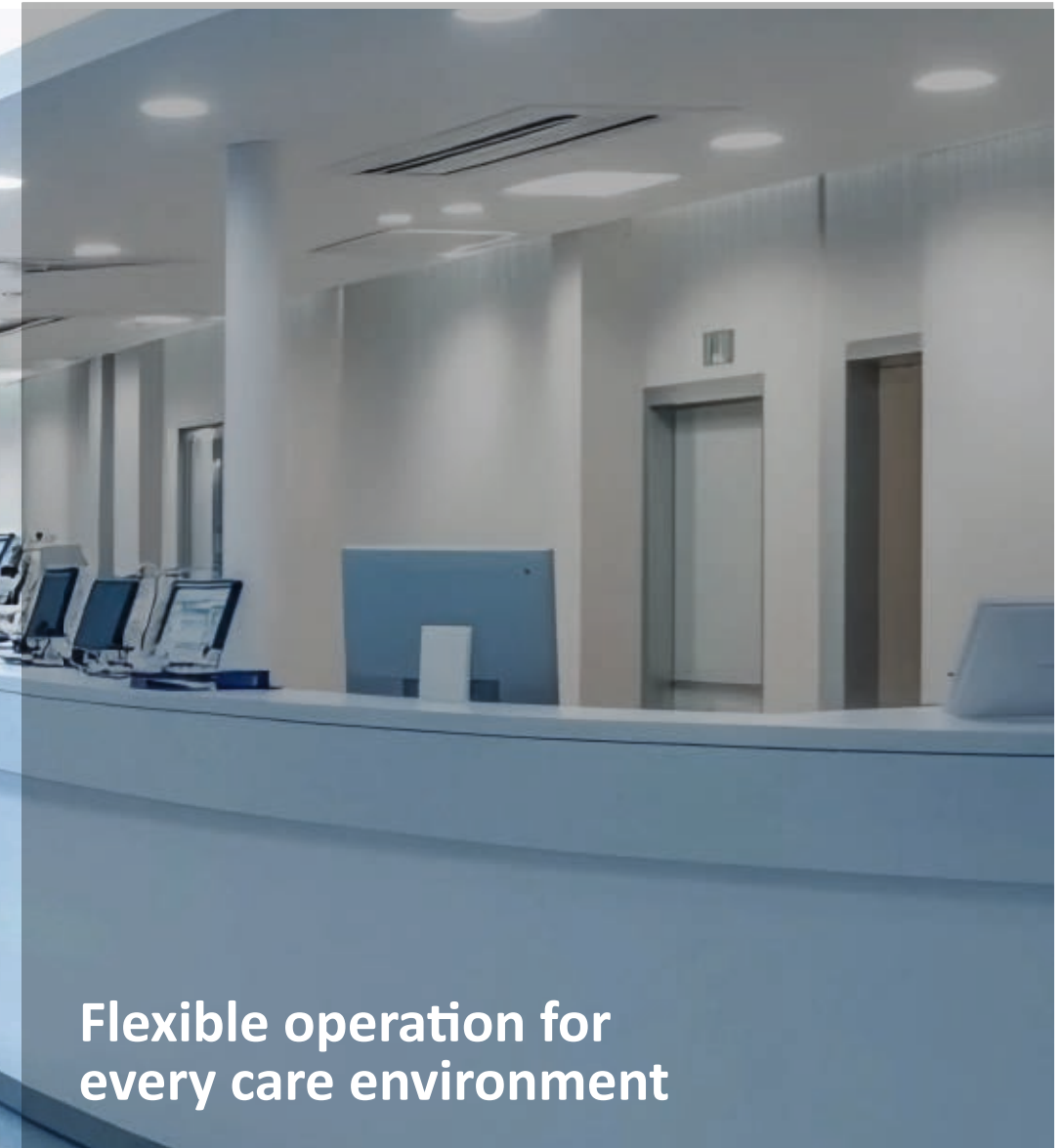


MDC4
Local room control for system operation

The MDC4 Room Controller is the local control unit for each patient room. It connects and manages the nurse call devices within the room, including bed call points, WC call points and room signalling devices.

Supporting 1-12 buttons, one WC point and up to two slave module connections, the MDC4 offers installation flexibility and dependable performance. Short-circuit protection and IP53 frame protection make it suitable for demanding healthcare applications.

- KEY POINTS**
- Local control unit for patient rooms
 - Manages room-level nurse call devices
 - Supports 1–12 buttons
 - Supports 1 WC point
 - Short-circuit protection
 - Operating voltage: 24V / 60mA
 - IP53 frame protection



**Flexible operation for
every care environment**

Designed around healthcare needs

The Nurse Call System can be adapted to the layout capacity and operational requirements of each healthcare facility.

Its modular architecture allows rooms, beds, WC call points and signalling devices to operate as one integrated communication network. The system can support both small care units and larger installations, while providing nursing staff with clear information and dependable room-level control.

Benefits for healthcare staff

- **Faster identification of patient requests**
- **Clear distinction between call priorities**
- **Improved coordination between nursing teams**
- **Reliable storage of unanswered calls**
- **Flexible room and bed configuration**
- **Easy-to-clean patient and staff devices**
- **Low-voltage operation**
- **Simple system expansion and maintenance**

Suitable for

- **Hospitals**
- **Private clinics**
- **Rehabilitation centres**
- **Nursing homes**
- **Assisted-living facilities**
- **Long-term care units**

