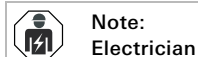


## Safety notes



**Note:**  
**Electrician**

Electrical devices may only be installed and connected by a qualified electrician.

Failure to observe the instructions can result in damage to the device, fire, or other dangers.

Isolate before working on the device or load. Take account of all circuit breakers supplying dangerous voltage to the device or load.

Make sure to connect the protective conductor!



**Note:**  
**Take note of the DIN VDE 0834.**

DIN VDE 0834 is binding, including the associated provisions applicable in this standard.

## Function

The ward control centre Plus of the Gira nurse call system 834 Plus controls and regulates the devices connected to the ward bus, such as room terminals with and without voice module. Via the system bus (834 Plus LAN) the unit is connected (where applicable) to the Gira System Control Centre Plus ("large system" setting in the configuration software).

The Gira nurse call system 834 Plus can also only be controlled and regulated from a single ward control centre Plus without a system control centre ("small system" setting in the configuration software).

All devices in the call system are automatically recognised. The Gira nurse call system 834 Plus units can be subsequently inserted and removed into/from the Gira nurse call system.

The ward control centre Plus is immediately ready for use; additional settings can be made via the configuration software in the device.



**Note:**  
**Read the system manual**

Familiarise yourself with all the possibilities of this device and the entire call system. Please read the call system 834 Plus System Manual and take advantage of the online help information in the configuration software. The system manual (also available in DE, FR, NL), can be found in its most recent version in the Gira download area:  
<http://www.gira.de/service/download/>

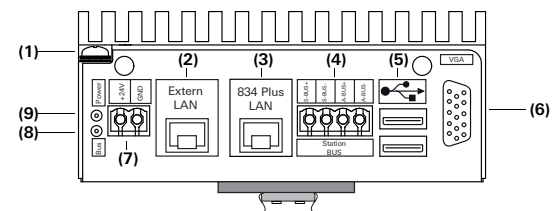
## Scope of supply

- System control centre with configuration software.
- Earthing wires and jumper.

## Installation

The System Control Centre is provided for installation in a control cabinet/distribution box.

## Connections



- Key:**
- |                                     |                             |
|-------------------------------------|-----------------------------|
| (1) Protective conductor connection | (7) Power supply            |
| (2) External LAN connection         | (8) LED yellow BUS activity |
| (3) LAN connection f. 834 Plus      | (9) LED green Power ON/OFF  |
| (4) System bus                      |                             |
| (5) 2 x USB-Port                    |                             |
| (6) VGA connection                  |                             |

Fig. 1: System control centre connections

## Conditions for operation

To operate the system control centre Plus, a connection to the power supply and to the ward bus/system bus is required.

- Room bus, ward bus and system bus (where applicable) (in "large system" setting) are installed and ready for use.
- The system control centre is the first device on the ward bus. On the last device on the bus the terminating resistors must be activated using the enclosed jumper.
- External power supply (Order No.: 2972 00 or Order No.: 2973 00) is installed and ready for operation. Use a device plug for connection.
- Commissioning PC with Internet browser and LAN connection, as well as a network cable (Patch or Crossover), are available.

## Activation

1. Connect the power supply to the system control centre.



**Important!**  
**Power to the system control centre**

The system control centre Plus does not have its own power switch. Immediately after connection of the power supply, the system control centre boots up. This process takes up to 60 seconds.

2. Connect your commissioning PC via network cable to the connector "External LAN".



**Note:**  
**IP address range of the commissioning PC**

Note that the IP address of your commissioning PC is between 192.168.0.1 and 192.168.0.254 (not 192.168.0.111) (subnet mask: 255.255.255.0). Further information is available in the system manual.

3. Open the internet browser on your commissioning PC. Enter the IP address: 192.168.0.111 in the address field of the Internet browser.

The start screen of the configuration software displays.

## GIRA Assistant for nurse call system Plus

Fig. 2: The start screen of the configuration software

- Registration:
1. Choose the language in which you would like to launch the configuration software.
  2. In the field **Administrator Name**, enter "admin" and in the field **Password**, enter "admin".
  3. Click on "Log in".

Decide which type of system you wish to operate.



**Note:**  
**The system control centres are pre-configured.**

Each system control centre is pre-configured for operation on a large system (with the system control centre). In this case, change the settings in the configuration software of the system control centre.

Follow these steps if the device is to be operated on a small system (with only this system control centre):

## GIRA Assistant for nurse call system Plus

Fig. 3: Determine the system type

1. Choose the option "small system"
2. Choose "Save" to deviate from the standard configuration and save the selection.
3. Click on "next".

The overview page of the configuration software displays.

## GIRA Assistant for nurse call system Plus

Fig. 4: The overview page of the configuration software  
You can now make further adjustments to the system. Please refer to the system manual for details and use the on-screen help in the configuration software.



**Note: Connect the call system 834 Plus to an existing network**

Before making network settings, coordinate with the relevant network administrator.

To connect the system control centre to an existing (hospital) network, the "External LAN" connection can be configured in the configuration software via the menu item

**Administration->Set network access**, see Fig. 4 No. (1).



**Note: Connect the system control centre to a time server**

In order to obtain the system time of the nurse call system 834 Plus automatically over a time server (NTP server) on the Internet, the system control centre Plus must be connected via the "External LAN" connection to an external network (e.g. company or hospital network).

## Warranty

The warranty is provided in accordance with statutory requirements via the retailer.

Please submit or send faulty devices postage paid and with an error description to your sales representative (retailer/installation company).

They will forward the devices to the Gira Service Centre.

## Disposal



**Disposal information:**  
**Device may not be disposed of with general household waste!**

Please observe the European Directive 2012/19/EC regarding disposal of electrical and electronic equipment.

Electrical and electronic equipment

- may contain dangerous substances harmful to health and the environment,
- or valuable materials for recycling.

Therefore do not dispose of in general household waste. Electrical and electronic equipment can be returned to public collection points for environmentally safe disposal.

## Technical data

Device type in accordance with Regulation no. 617-2013 (EU) Integrated desktop computer, Category "B"

Operating voltage: DC 24 V

Electricity consumption: 300 mA

Power consumption: approx. 7.2 W

Ambient temperature: -5 °C to +45 °C

Protection type: IP 20

Connection terminals: Ø to 1.5 mm<sup>2</sup>

Installation: on a DIN top hat rail