



## MaggiorDOMO<sup>®</sup> plant concentrator

- **Manages the entire network of a MaggiorDomo<sup>®</sup> plant**
- **Local or remote connection to the system via Ethernet**
- **Free software, MD Manager, for plant management.**
- **ON/OFF control for single user**

## XCM-GZE-100

### Applications

For residential

The **XCM-GZE-100** system concentrator, thanks to the backbone of the building formed by the scale repeaters, XCM-RSW-100, communicates with the devices installed in the flats (chrono, actuators, etc.). The concentrator **stores** the system's operating data internally and makes it available for display when requested.

Equipped with an Ethernet port, it allows local or remote **connection** to the system (through modem and suitable SIM or via LAN, if available) through a PC Windows where the MD Manager application is installed, free software for administrator/manufacturer use, which allows you to view/configure the system, download data and verify the correct functioning of each device in real time.

Installing an additional module connected to the port **RS485 ModBUS** of the concentrator, it is possible to control the circuit pumps (up to 7 circuits) and the boiler in an on/off mode according to the times and actual demand of the users, since they can be associated with the pump to which they belong.

### Technical Features

General specifications	<b>Protection Range:</b> IP40 <b>Operative Temperature:</b> -15 ÷ +60 °C
Case	<b>Dimensions:</b> 160 x 80 x 40 mm (W x H x D) <b>Mounting:</b> Wall mounted with supplied plate <b>Material:</b> Blend PC/ABS sel extinguishing UL94-V0
Power supply	<b>Supply Voltage:</b> 100 ÷ 240 VAC (50-60 Hz) <b>Connectors types:</b> European plug 2 poles, CEE 7/16
Datalogger function	<b>Memory Type:</b> Back-up to internal SD CARD of vital data, live data management on battery backedup RAM. <b>Data Storage Capacity:</b> > 2 years
Rs485 interface	<b>Supported Protocols:</b> Master ModBUS RTU with 32 slave <b>Connectors types:</b> RJ12 (6P6C)
Ethernet interface	<b>Supported Protocols:</b> 10/100 Base-T <b>Connectors types:</b> RJ45
Radio module	<b>Supported Protocols:</b> IEEE 802.15.4 ZigBee Pro <sup>®</sup> <b>Radio Frequency:</b> 2.4 GHz <b>Output Power:</b> +3 dBm <b>Sensitivity:</b> -104 dBm <b>Antenna Type:</b> SMA female
Functionality	<b>Radio Signal Indicator:</b> Integrated (LinkQuality) <b>Output Power Adjustment:</b> From remotely <b>Firmware Upgrade:</b> Via radio
Integrated functions	<b>Services:</b> Local and remote connection to the plant via dedicated software, wireless network coordinator.