

MS3-2R - MAESTRO SERVER DATA SHEET

CD Innovation offers a range of solutions to control KNX Home/Building Automation system. The MS3-2R - Maestro Server is a secure method for optimizing Automation control. Seamless Integration allows our customers to enjoy the benefits of e-Lifestyle, energy and economic savings, while creating customized, comfortable environments.



Central Functions:

The MS3-2R - Maestro Server performs all the central functions: schedules, macro, logger, Alarms, logic and control functions; and also enables to control Automation systems using a remote PC and standard browser. The powerful Maestro Designer software enables the installer to build a user friendly, flexible GUI, with unmatched ease of scenario and schedule setting. The GUI has been specially designed to optimize customization abilities and user experience, allowing the user to customize and program control functions easily. Maestro is KNXnet/IP enabled so technician can program and monitor KNX devices on a site, via Ethernet/Internet, from remote location without need of getting to site.

External Interfaces:

Maestro has direct connectivity to the KNX system, IP and 2 RS232/485 communication ports. The external network adepter GC100 enables to extend control over additional RS232 and IR communication ports. The Maestro Designer software utilize an advanced protocol generator that enables to implement the most complex two way protocols for controlling external devices/systems. It is also possible to enhance functionality by connecting a monitor and mouse or even touch screen directly to the Maestro Server.



MS3-2R - Maestro Server specifications

Software:

- Scheduling –** Manage daily, weekly and yearly scheduled events including sunset and sunrise time based functions.
- Macro/scenes –** Easily activate and set the presets through a friendly interface.
- Logical Functions –** Internal Function Blocks controller - take the control of highly complex logic and control functions.
- Audio/Video Control –** The Maestro enables control and integration of external systems using common IR, RS232 and IP communications. It also acts as KNX two way gateways to the external systems.
- Web control –** View and control lighting, HVAC, shutters and multimedia . From any network PC or over the Internet from everywhere.
- Logger –** The MS3-2R enables logging any event on the system. The data can be downloaded to a PC for further processing and presentation.
- KNXnet/IP –** The MS3-2R utilize the KNXnet/IP protocol enabling remote programming of all your KNX from ETS at remote location.
- Ergonomic technology –** Enables Vivid Graphic User Interface via LCD touch screen, where functions are on the tip of your finger.
- Evolving system –** The Maestro firmware is upgradeable, so it can stay on the cutting edge of technology.

Hardware:

Order no.	MS3-2R.
Processor	AMD Geode LX800.
Memory	1G flash/512M RAM.
Monitor Interface	VGA output 256K color 800 x 600.
Controls Connectivity	12V DC-in Jack • 10/100 Base-T Ethernet • EIB/KNX connector • USB for mouse or touch screen interface • Audio In and Out • Power button • Power LED • 1 x RS232 + 1 x RS232/RS485.
Build	Fan-less and Disk-less implementation for quiet, reliable and energy-efficient operation.
Power	AC/DC adapter, Input: 110-240V AC. Output: 12V DC, 4.2A.
Physical Dimensions	WxHxD 260mmx47mmx115mm, Desk Top/Wall Mounting.
Weight	764g.
Operating Environment	Temperature: 0° - 40° C • Humidity: 30% - 90% non-condensing.
Regulatory	CE, ROHS.
Parts	MS3-2R unit • AC/DC Adapter • Power cord • Wall mount Adaptor.