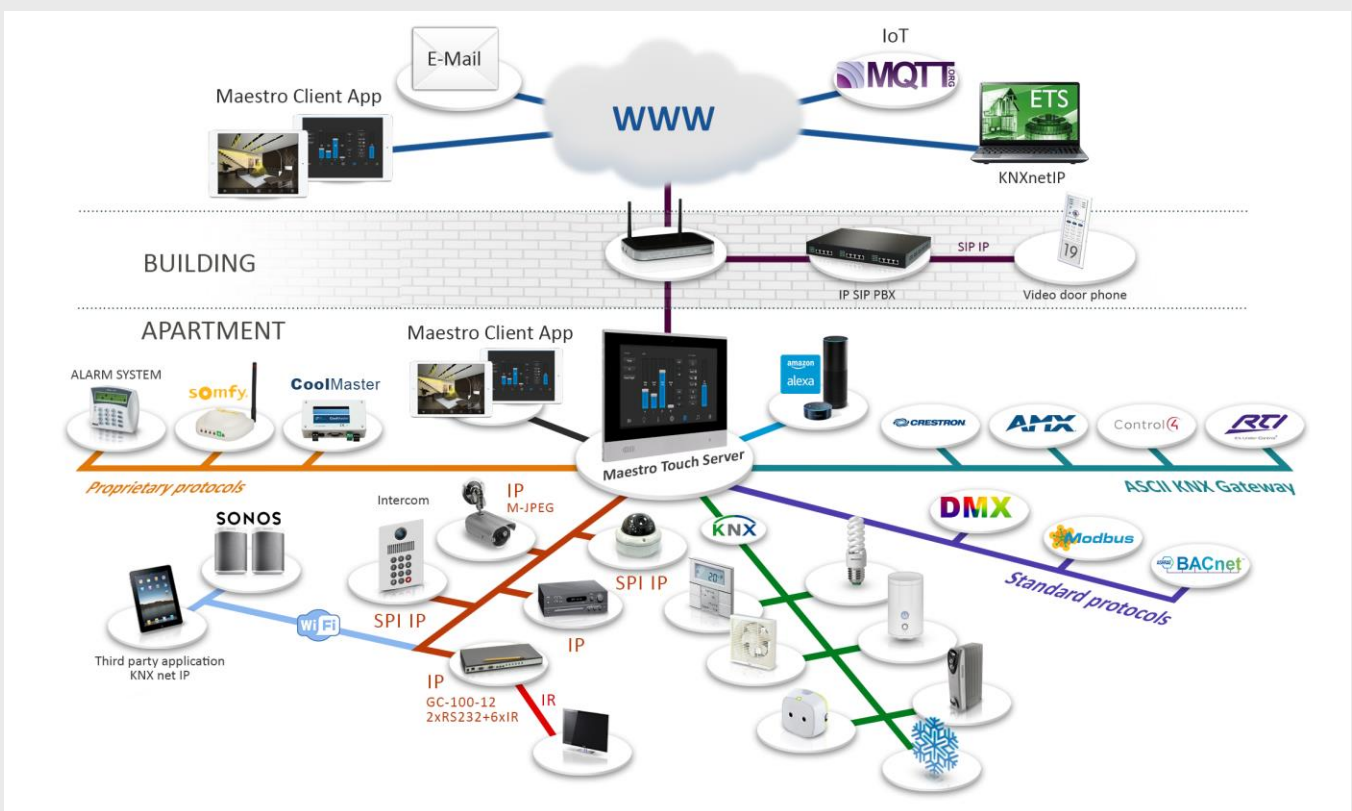


## MTS4-4-10 - MAESTRO TOUCH SERVER DATASHEET

The MTS4-4-10 Maestro Server optimizes automation control and integration, allowing you to enjoy all the benefits of **KNX** and **IoT** (Internet of Things), together with energy and financial savings, while creating comfortable, fully-customized environments.

### Central Functions:

The MTS4-10 Maestro Touch Server performs every central function: schedules, macros, alarms, logic and control functions, and email, while also enabling remote control of automation systems via PC, tablet, and smartphone. The powerful Maestro Designer software enables the installer to build a flexible, user-friendly GUI, which has been specially designed to optimize user experience, allowing the user to customize and program control functions easily.



Maestro is KNXnet/IP-enabled so technicians can program and monitor KNX devices remotely via the Ethernet/internet, without any need to travel to the location.

### External Interfaces:

Maestro has connectivity to KNX, IP, RS232, RS485 and IR. It supports systems such as Sonos, Amazon-Alexa, Modbus, DMX and MQTT natively, in addition it has add-on library for controlling external systems.

### IoT:

The Maestro Designer software utilizes an advanced protocol generator enabling system integrators to implement the most complex two-way protocols, permitting control and interconnection of external devices/systems over the LAN and internet.

## MTS4-4-10 - MAESTRO SERVER SPECIFICATIONS

### Software:

<b>Scheduling</b>	Manage daily, weekly, and yearly scheduled events, including sunset and sunrise time-based functions.
<b>Macros/Scenes</b>	Easily activate and establish presets through a user-friendly interface.
<b>Client App</b>	Client app for Android, iOS and Windows. Vivid GUI enables the viewing and control from a PC, tablet, and smartphone over the LAN and internet.
<b>Graphs</b>	Capable of collecting years of data and present it over various graphs.
<b>Logic Functions</b>	Function Blocks Controller – using drag and drop only, you can implement highly complex logic and control functions, for even more complex algorithms script language can be used.
<b>Built-in protocols</b>	Supports <b>KNX</b> , <b>ModBus</b> , <b>DMX</b> and <b>MQTT</b> (IoT protocol) protocols natively.
<b>Audio/Video &amp; IoT</b>	Maestro uses IR, RS232, RS485 IP and an advanced protocol generator in order to control and integrate external systems.
<b>KNX gateway</b>	Acts as a two-way KNX gateway for external control systems, such as RTI and Control 4 by providing simple ASCII commands to control and monitor KNX.
<b>KNXnet/IP</b>	Utilizes the KNXnet/IP protocol, enabling remote programming of all KNX devices from ETS at a remote location.
<b>IP Video</b>	Multiple video streams can be displayed on every Maestro page.
<b>IP SIP video intercom</b>	Maestro is an advanced IP SIP video phone.
<b>Email</b>	Sending different e-mail alerts for various events, the text content can be dynamically composed by the artificial intelligence of the Maestro.
<b>Cloud Management</b>	Enabling easy maintenance, and firmware upgrades.

<b>Order #</b>	MTS4-4-10
<b>User Interface</b>	10.1" LCD, 1920x1200 pixels, 24-bit colors, capacitive touch screen.
<b>Connectivity</b>	9-25V DC-in • 10/100 Base-T Ethernet • KNX, USB • HDL Buspro.
<b>I/O</b>	Speakers, Microphone, 6 dry contact inputs, 4 relay output 1A 30VDC.
<b>Power</b>	AC/DC adapter, input: 110-240V AC, output: 12V DC, 2A.
<b>Dimensions / Weight</b>	WxHxD 270x109x40mm, in-wall mounting (requires MT-10 box) / 920g.
<b>Operating Environment</b>	Temperature: -5-45°C • Humidity < 90% non-condensing.
<b>Regulatory Approval</b>	CE, IP20.
<b>Parts</b>	MTS4-4-10 unit • AC/DC adapter • wall box.

These specifications are for general information purposes only and should not be considered binding. CD Innovation reserves the right to change/alter its products without prior notification. MTS4-4-10-V2