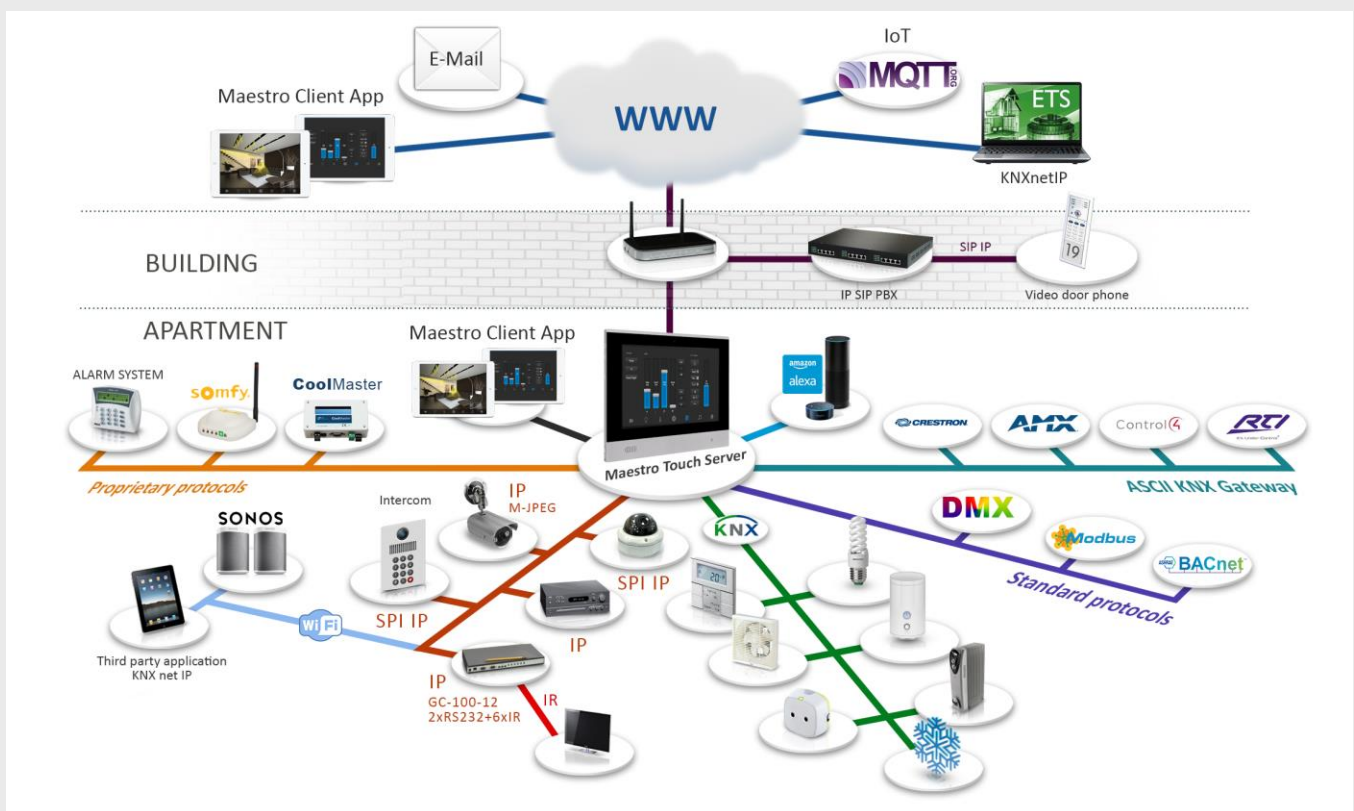# MTS4-4-10 - MAESTRO TOUCH SERVER DATASHEET

The MTS4-4-10 Maestro Server optimizes automation control and integration, allowing you to enjoy all the benefits of **KNX** and **IoT** (**I**nternet **o**f **T**hings), 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.

Software:

Scheduling	Manage daily, weekly, and yearly scheduled events, including sunset and sunrise time-based functions.
Macros/Scenes	Easily activate and establish presets through a user-friendly interface.
Client App	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.
Graphs	Capable of collecting years of data and present it over various graphs.
Logic Functions	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.
Built-in protocols	Supports **KNX**, **ModBus, DMX** and **MQTT** (IoT protocol) protocols natively.
Audio/Video & IoT	Maestro uses IR, RS232, RS485 IP and an advanced protocol generator in order to control and integrate external systems.
KNX gateway	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.
KNXnet/IP	Utilizes the KNXnet/IP protocol, enabling remote programming of all KNX devices from ETS at a remote location.
IP Video	Multiple video streams can be displayed on every Maestro page.
IP SIP video intercom	Maestro is an advanced IP SIP video phone.
Email	Sending different e-mail alerts for various events, the text content can be dynamically composed by the artificial intelligence of the Maestro.
Cloud Management	Enabling easy maintenance, and firmware upgrades.

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