

MULTICUSTOM-PRO

Customizable IP Automation Controller



Innovative & flexible custom-built automation controller.

Network-enabled automation hub to control many interfaces, including relays, IR, RS-232 and more for residential and commercial use.

CONTROLS

- Home Theater
- Computer
- Kitchen Automation
- Window Locks
- Power
- Network
- Fire Suppression
- Keyless Entry
- Lighting
- Window Blinds
- Alarm
- Pool & Spa
- Heating & Air Conditioning
- Surveillance & Motion Sensing
- Door Locks & Alarm Systems
- Garage Doors & Gates
- Window Blinds
- Server Software
- Uninterrupted Power Supply
- Sprinklers
- Outdoor Lighting

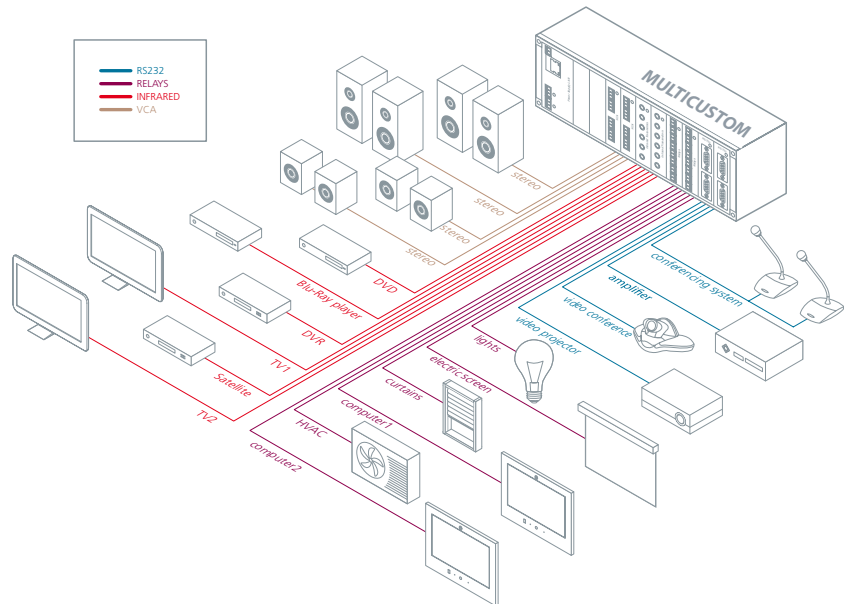


HOME AUTOMATION CONTROL

IPControl's Multicustom-Pro modular IP controller offers near infinite ways of controlling home electronics. Even from hundreds of miles away, users can keep an eye on their kids via webcam, double-check if the garage door is closed, or make sure all the doors and windows are locked. The Multicustom-Pro isn't just for safety measures, though; users can prepare dinner by preheating the oven, or they can switch a TV show or DVD already in progress to a screen in another room. No matter where a user is, the Multicustom-Pro offers an easy-to-use and elegant solution for managing all kinds of household electronic operations.

The Multicustom-Pro controls:

- Window Blinds
- Home Theater Control
- Air Conditioning
- Lighting
- Garage Doors
- Gates
- Alarm Control
- Kitchen Automation
- Computer Control
- Keyless Entry
- Sprinklers
- Outdoor Lighting
- Pool Control
- Spa Control
- Save energy with automated lighting and A/C
- Monitor the home with web cameras
- Get notifications from an alarm system
- Control a home theater
- Use keyless entry
- Automate the kitchen



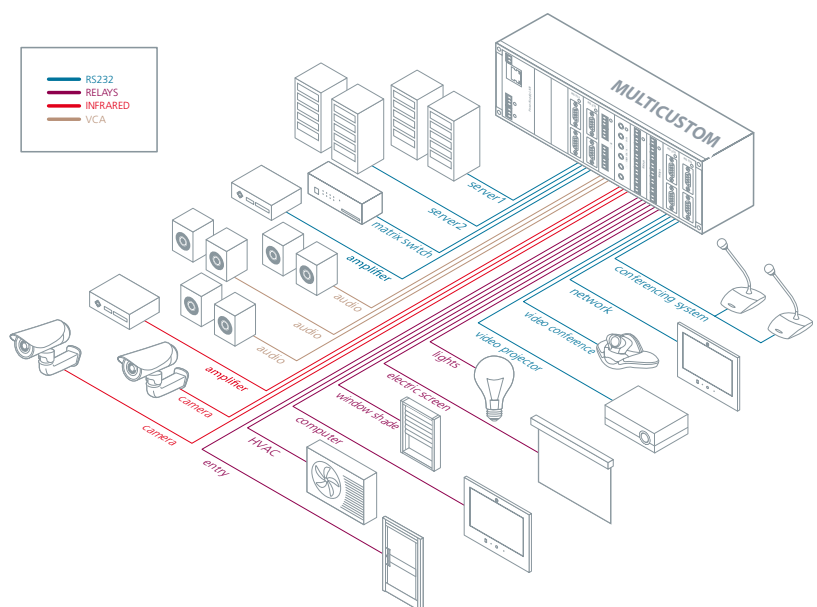
Multicustom-Pro home automation can save you time, money, and energy!

EFFECTIVE BUSINESS AUTOMATION

The Multicustom-Pro also excels beyond the household, offering innovative and cost-effective control solutions in professional settings. The controller's ability to manage power consumption and centralize electronic command can easily save businesses costly energy bills and time spent interacting with devices individually. By fully integrating a Multicustom-Pro controller into the workplace, users can optimize their environment and, in turn, workflow to their unique specifications!

The Multicustom-Pro controls:

- Heating & Air Conditioning
- Network Control
- Ventilation
- Fire Suppression
- Window Contacts
- Server Software Control
- Lighting
- Surveillance
- Motion Sensing
- Door Locks
- Alarm System
- Power Control
- Collocated Data Centers
- Telecommunications Rooms
- Medical Laboratories
- Network Equipment Facilities
- Financial Institutions / Banks
- HVAC Systems
- Cold Storage
- Warehouses



Protect and optimize your workplace with the Multicustom-Pro control advantage.

WIDE-REACHING AUTOMATION CONTROL

The Multicustom-Pro uses a wide range of connectors to control all kinds of devices throughout an environment. From locks to lighting, audio to air conditioning, TVs to touchscreens, the MultiCustom-Pro offers full-spectrum switching and control of electronics in both homes and businesses.



The Multicustom-Pro system is flexible and fully expandable

Users can link up to 16 Multicustom-Pro units via Ethernet cable, each with a unique IP address, to ensure complete coverage of an installation's environmental controls. It can link to with IPControl products like the Maxinitro and Multinitro for expanded control, and even touchscreen solutions like the Tactum 7 Pro for easy-to-use visual command capabilities.

Multicustom-Pro is also affordable and upgradable, with expandable slots ready for both modern and future technologies.

Multicustom-Pro LAN: LAN CONNECTOR CARD



The Multicustom-Pro comes equipped with a LAN connector card which provides both network connectivity and power to the unit. The Multicustom-Pro LAN also enables firmware upgrades and software-based programming for the unit via Ethernet connection.

With the LAN connector, the Multicustom-Pro and its other connected devices can be controlled remotely over the Internet using IPControl software.

AVAILABLE MODULES

Multicustom-Pro IR: INFRARED SIGNAL MODULE

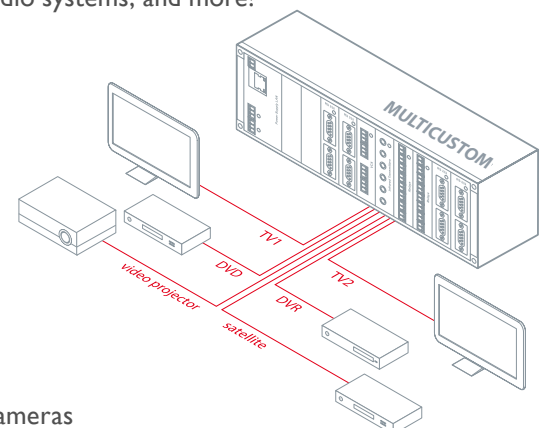
Easily centralize and control all devices with IR support, including TVs, lighting, audio systems, and more!



- Standard module of six Infrared output ports
- Up to seven can be installed per MCP unit.

APPLICATIONS

- Blu-Ray
- DVD
- Amplifiers
- Audio systems
- HDTV
- Projectors
- Surveillance Cameras



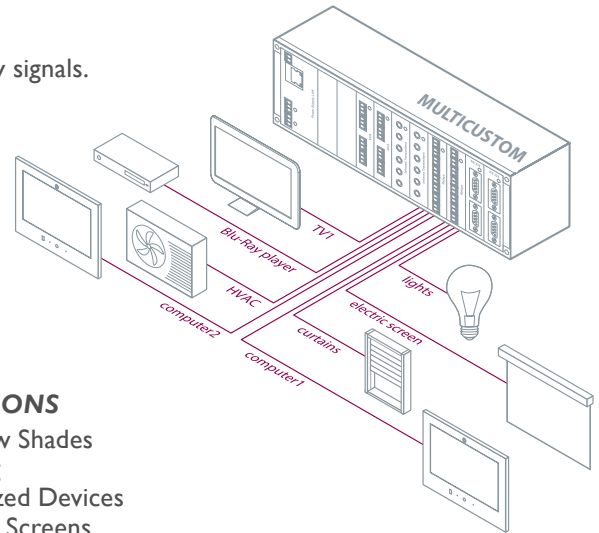
AVAILABLE MODULES (Continued)

Multicustom-Pro RL: RELAY PORT MODULE

Automatically control all environmental settings around the house via relay signals.



- Standard module of eight relays controls devices via dry contacts.
- Up to seven can be installed per MCP unit.



APPLICATIONS

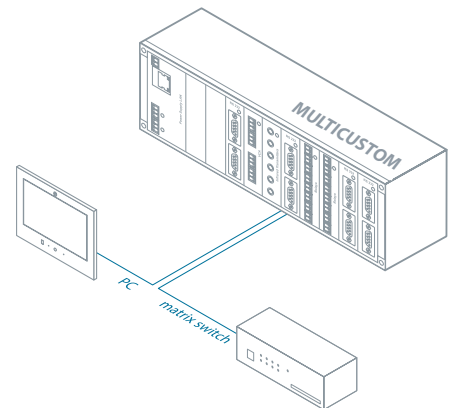
- Window Shades
- Lighting
- Motorized Devices
- Electric Screens

Multicustom-Pro RS: DUAL-PORT RS-232 MODULE

Automate control of various devices using RS-232 signals.



- Standard module of two RS-232 output ports.
- Up to seven can be installed per MCP unit.

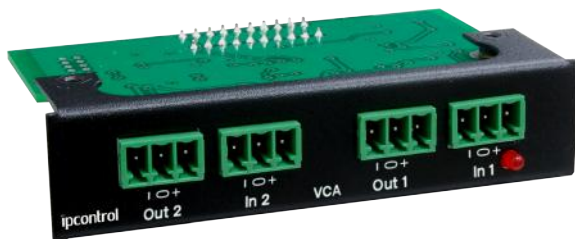


APPLICATIONS

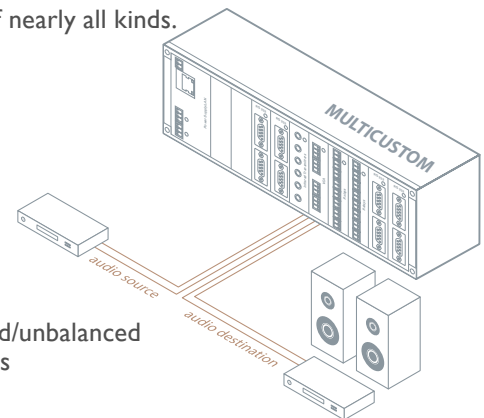
- Video Projector
- Amplifier
- Matrix Switcher
- Personal Computer

Multicustom-Pro AD: VOLTAGE CONTROLLED AMPLIFIER MODULE

Configure automated volume control for amplifiers, speakers, and audio systems of nearly all kinds.



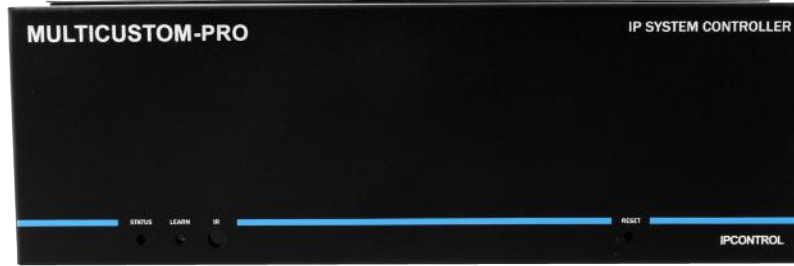
- Standard module controls two independent mono channels or one stereo channel.
- Up to seven can be installed per MCP unit.



APPLICATIONS

- Control balanced/unbalanced amplifier systems
- Sound systems
- Stereos

SPECIFICATIONS



MCP-MU Front Panel



MCP-MU Top Plate



MCP-MU Rear Panel

MECHANICAL INFORMATION

SPECIFICATIONS	
Description	Main box supports up to 7 slots; chassis includes IP & power supply.
Ethernet	10/100 Base/T on RJ45
Dimensions	10.2" W x 3.5" H x 2.4" D
Weight	1.8 lbs.
MODELS	MODULE INFO
Multicusto-Pro IR with 6-Port IR Modules	3.5 mm mini-jack female connectors Impedance 100 Ohm
Multicustom-Pro RS with 2-Port RS-232 Modules	DB9F female connectors Serial speed : up to 115200 bps on port 1 and 57600 bps on port 2 Length : 5, 6, 7 & 8 bits Parity : none, even, odd Bit stop : 1, 1.5, 2
Multicustom-Pro RL with 8-Port Relay Modules	2-pin Phoenix screw block connector Need external power relay and coil power supply
Multicustom-Pro AD with 2-Channel VCA Audio Modules	3-pin Phoenix screw blocs connectors Input impedance 10 kOhm, output impedance 100 Ohm - Max level 0dB - Gain -3 dB Bandwidth : 33 Hz to 16 kHz

ORDER INFO

MAIN MULTICUSTOM-PRO UNIT	
PART NO.	DESCRIPTION
MCP-MU	Commercial and Residential Automation Control over IP System (Includes: [MCP, MCP LAN, (PS12VDC5A)])

ADDITIONAL MODELS

MULTICUSTOM-PRO IR	
PART NO.	DESCRIPTION
MCP-IR-4	4-Slot IR-over-IP Controller with 6-Port IR Modules (Includes: [MCP-IR, MCP LAN, (PS12VDC5A)])
MCP-IR-7	7-Slot IR-over-IP Controller with 6-Port IR Modules (Includes: [MCP-IR, MCP LAN, (PS12VDC5A)])

MULTICUSTOM-PRO RS	
PART NO.	DESCRIPTION
MCP-RS-4	4-Slot RS-over-IP Controller with 2-Port RS-232 Modules (Includes: [MCP-RS, MCP LAN, (PS12VDC5A)])
MCP-RS-7	7-Slot RS-over-IP Controller with 2-Port RS-232 Modules (Includes: [MCP-RS, MCP LAN, (PS12VDC5A)])

MULTICUSTOM-PRO RL	
PART NO.	DESCRIPTION
MCP-RL-4	4-Slot Custom RL-over-IP Controller with 8-Port Relay Modules (Includes: [MCP-RL, MCP LAN, (PS12VDC5A)])
MCP-RL-7	7-Slot Custom RL-over-IP Controller with 8-Port Relay Modules (Includes: [MCP-RL, MCP LAN, (PS12VDC5A)])

MULTICUSTOM-PRO AD	
PART NO.	DESCRIPTION
MCP-AD-4	4-Slot Custom Audio-over-IP Controller with 2-Channel VCA Audio Modules (Includes: [MCP-AD, MCP LAN, (PS12VDC5A)])
MCP-AD-7	7-Slot Custom Audio-over-IP Controller with 2-Channel VCA Audio Modules (Includes: [MCP-AD, MCP LAN, (PS12VDC5A)])



Manufactured in the USA



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