

VC-Z01

Network Volume Controller

Product Datasheet



The ZYCOO VC-Z01 Network Volume Controller is a compact network audio control device that allows real-time volume adjustment of ZYCOO speakers within a room or a zone via multicast. It features an automatic lock function to prevent unauthorized operation, ensuring secure usage.

Moreover, VC-Z01 supports scheduled volume control, enabling automatic volume adjustments based on Event Scheduler—ideal for scenarios requiring different volume levels at different times of the day.

It is powered via a PoE network cable and features flexible installation options, supporting both wall-mount installation (with EA-MB1 mounting box) and flush-mount installation (compatible with standard 1-Gang electrical boxes). VC-Z01 is ideal for use in classrooms, meeting rooms, offices, and other indoor environments.

Features

- Designed with an infinite knob for smooth, stepless volume adjustment.
- Supports real-time volume adjustment of all ZYCOO speakers within the specific area.
- Automatic lock feature to prevent unauthorized operation.
- One-touch mute function.
- Event Scheduler feature can automatically adjust volume, set fixed volume, and mute or unmute ZYCOO speakers at specified times.
- LED status indicators provide real-time feedback on operating and lock status.
- Support relay control.
- Supports PoE power supply.
- Configure and control via web GUI.
- IK10 vandal-proof rating
- IP66 dustproof and waterproof rating

Applications

- Schools
- Health Care
- Government Agencies
- Financial Institutions
- Airports
- Shopping Malls
- Office Buildings
- Restaurants
- Hotels
- Retail Stores

Specifications

Network	
Ethernet	10/100Mbps Adaptive
Network Protocols	HTTP, TCP/IP, DNS, SNTP, NTP, TCP, UDP, MQTT, ICMP, DHCP, ARP
Management	
Configuration	Web Interface or Auto Provisioning Server
Provisioning	MQTT IoT Protocol
Interface	
Network Port	1 x RJ45, PoE (IEEE 802.3af/at)
Dry Contact Output Connectors(Reserved)	1 x 2-Pin Phoenix Connector
Physical	
Memory	128MB DDR3 RAM
Flash Memory	256MB NAND Flash
Power Input	PoE (IEEE 802.3af/at)
Casing (Front Panel)	6063 Aluminum Alloy
Mouting	Wall-mount installation (with EA-MB1 mounting box) and flush-mount installation (compatible with standard 1-Gang electrical boxes)
Weight	210g
Dimensions	4.49" x 2.76" x 1.57" (114mm x 70mm x 40mm)
Environmental	
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Humidity	10% ~ 95% (non-condensing)
Approvals	
Approvals	CE (EN IEC 62368-1:2020+A11:2020,EN 55032:2015/A1:2020,EN 55035:2017/A11:2020) FCC (FCC Part 15 B) IP66 (IEC 60529:1991+A1:2000+A2:2013) IK10 (IEC 62262-2021)