10 BUTTON IN WALL CONTROL SYSTEM

The programmable control panel is designed to be utilized in the sectors of automated office systems, multi-media room and smart home. With a program- mable interactive user interface over configuration protocols, the integrated system provides intelligent networking service. The control panel features 10 programmable buttons, 1 programmable knob, 2 two-way serial ports, 1 IR output port, 2 Relay ports, 1 digital I/O port and 1 Ethernet port. It is used in a diverse range of installations and applications across industries including multi-media conference rooms, multi-functional halls, training centers, show room, broadcasting studios and industrial automation.

Feature Highlights

- 2 two-way serial ports to connect matrixes, projectors or other A/V devices
- IR output/one-way serial port to connect DVD, TV sets, or other home appliances
- 2 relay ports to control lights, doors or curtains
- Digital input port to receive sensor signals
- 10 programmable buttons for custom control logic
- Programmable knob (with light indicator), volume can be controlled through the knob
- Capable of connecting with Ethernet-control devices for Ethernet monitoring and control
- Provide a high-performance Web server, supporting on-line firmware upgrade
- Compliant with standard network communication protocols
- Password protection against unauthorized accesses
- Built-in sync clocks
- Support factory reset

TECHNICAL

CPU	ARM Cortex-A53 1.8GHz
Operation System	Android 9
RAM	2GB DDR4 RAM
Flash Memory	8GB EMMC Flash

MECHANICAL

Housing	Metal enclosure with aluminium alloy front panel
Color	Silver panel, black back shell
Dimension	116mm (W) × 54mm (D) × 116mm (H)
Weight	450g
Installation	Type 120 Cassette Mounting
Power Supply	24V DC/1A or POE
Power Consumption	3.5W
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Relative Humidity	10~90% RH (non-condensing)

CONNECTIONS

COM1/2	2 × 3-pin Phoenix Connectors, for two-way RS-232 serial data communication
IR	1 × 2-pin Phoenix Connectors, for IR transmitting or one-way RS-232 serial data communication
	2 × 2-pin Phoenix Connectors, low-voltage relays, isolated, normally open,
RELAY	switching up to 30VDC, 1A / 125VAC, 0.3A
I/O	1 × 2-pin Phoenix Connectors, for digital signal inputting
LAN/POE	1 standard 10M/100M/1000M Ethernet RJ45 interface, supporting POE function
PWR	1 × 2-pin Phoenix Connectors, for power supply
Buttons	10 × programmable buttons
Knob	1 × programmable knob

Classic Application Example