

## PANIO CP1100\_B

### 9-Key Control Host with Volume Knob

PoE / DC Power · RS-232 & Relay Control · Web-Based Configuration · Wall-Mounted Automation Keypad



Core Item	Product Positioning
<b>9-Key Control Panel</b>	8 programmable silicone command keys plus 1 lock key for secure operation
<b>Volume Knob</b>	Rotary volume control, clockwise to increase and counterclockwise to decrease
<b>Multi-Interface Control</b>	TCP / UDP over LAN, 2 × RS-232 ports and 2 × relay outputs
<b>PoE / DC Power</b>	Supports PoE over RJ45 or DC 12V power input for flexible installation

# Contents

---

- 01 Product Overview
- 02 Product Features
- 03 Technical Specifications
- 04 Applications & Package Contents
- 05 Mechanical Drawing & Interface Layout

## 01 Product Overview

---

The PANIO CP1100\_B is a professional wall-mounted IP control host designed for integrated AV, lighting, power and automation projects. The front panel combines one rotary volume knob, eight programmable command keys and one lock key, giving users a clean physical interface for frequently used control actions.

Built for B2B installation environments, the CP1100\_B supports command output through LAN, RS-232 and relay interfaces. Configuration is performed through a browser-based control platform, allowing system integrators to assign actions to the knob and keys for different on-site control requirements. PoE support reduces cabling complexity, while the DC 12V input remains available for local power deployments.

## 02 Product Features

---

- **Rotary Volume Control:** Integrated knob for intuitive level adjustment; clockwise increases volume and counterclockwise decreases volume.
- **Programmable Physical Keys:** Eight silicone command keys can be configured for common control actions, with one dedicated lock key for panel protection.
- **Multiple Control Outputs:** Supports LAN command control through TCP/UDP, two RS-232 serial ports and two relay interfaces for professional integration projects.
- **Web-Based Control Platform:** A browser UI allows integrators to configure key names, command formats, communication protocols and device network parameters.
- **PoE or DC Power Input:** Supports PoE power over the LAN port and local DC 12V input, simplifying wiring for wall-mounted installations.
- **Device Lock Protection:** Long-press the lock key for 3 seconds to lock or unlock the panel, preventing accidental operation in public or shared rooms.

## 03 Technical Specifications

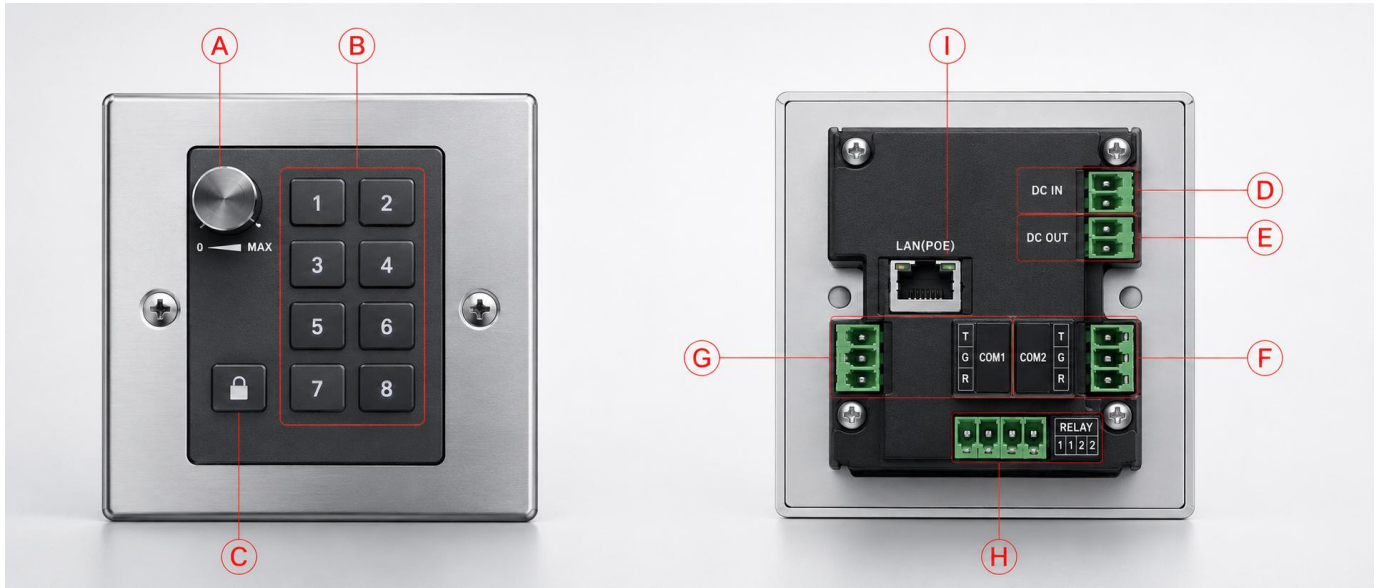
Parameter	Details
Model Name	CP1100_B
Product Type	9-key control host with volume knob
Control Interface	1 × rotary knob, 8 × programmable silicone keys, 1 × silicone lock key
Output / I/O	2 × RS-232, 2 × relay outputs, 1 × RJ45 LAN input/output
Network Protocol	TCP / UDP over LAN
PoE Support	IEEE 802.3af/at
Power Consumption	4.8 W
Power Input	DC 12V 1.5A power adapter or PoE via RJ45
Dimensions	86 mm (W) × 86 mm (D) × 39.8 mm (H)
Weight	0.24 kg
Package Weight	0.52 kg
Operating Temperature	0°C to 50°C
Storage Temperature	0°C to 50°C
Operating Humidity	10% to 90%

## 04 Applications & Package Contents

Application Scenario	Deployment Focus	Benefit
Corporate Meeting Rooms	Wall-mounted keypad for AV, power, display and volume control	Provides a simple physical control point for daily meeting operation
Education & Training Spaces	Classroom device control, scene recall and audio adjustment	Helps instructors operate room equipment quickly and consistently
Exhibition Halls	Central control point for displays, lighting and media playback devices	Improves on-site operation and system reliability
Digital Operating Rooms	Dedicated control interface for selected equipment commands	Supports controlled operation in professional medical AV environments
Hospitality / Bars / Restaurants	Audio level control and preset command triggering	Gives staff a durable and easy-to-use interface for common tasks

## 05 Mechanical Drawing & Interface Layout

### Front / rear interface reference



No.	Description
A	Volume knob: clockwise to increase, counterclockwise to decrease
B	Command keys: press to send configured commands
C	Lock key: long-press for 3 seconds to lock / unlock the device
D	DC IN: 12V 1.5A power input
E	DC OUT: power loop output
F	COM2: RS-232 serial port
G	COM1: RS-232 serial port
H	RELAY: two relay outputs
I	LAN (PoE): network input with PoE support

### Package Contents

- 1 × CP1100\_B 9-key control host with volume knob
- 2 × 3-pin Phoenix terminals
- 3 × 2-pin Phoenix terminals

- 1 × 12V 1.5A power adapter
- 1 × User manual
- 1 × Sticker