



SMART CONTROL PANEL – 6” INCH

Model: AU-XSCP6



Compact Size
with Knob



Room
Separation



Fast
Response



Built-in
“Music System”



Smart ECO
System

INTRODUCTION

AutronX 6-Inch Smart Control Panel is an advanced smart home control center featuring a high-definition touchscreen with a multifunction rotary knob for intuitive operation. Designed to simplify home automation, it provides centralized control of lighting, curtains, climate, audio, door locks, and other smart devices from a single interface. With built-in Zigbee, Wi-Fi, and Bluetooth connectivity, the panel seamlessly integrates with the Tuya Smart ecosystem, enabling convenient control, automation, and scene management.

TECHNICAL SPECIFICATIONS

Model	: AU-XSPC6
Product Name	: Smart Control Panel 6” inch
Input Voltage	: AC 110–250V, 50/60Hz
Main Display	: 6-Inch HD Multi-Touch Screen 1440x720 Resolution
Rotary Knob Display	: 1.28-Inch Round Screen 240x240 Resolution
Touch Type	: Capacitive Touch
Operating System	: Android 8.1
Processor	: Octa-Core Cortex-A53 Up to 1.5GHz
Memory	: 2GB RAM 8GB ROM
Wireless Protocols	: Wi-Fi 2.4GHz Zigbee 3.0 Bluetooth
Wired Network	: 10/100 Mbps Adaptive Ethernet, RJ45 Port
Speaker Output	: 2 × (10-25W Max.) *
Speaker Impedance	: 4-8Ω
Audio Playback	: Bluetooth & Online Music Streaming
Device Compatibility	: Smart Ecosystem Devices
Languages	: Multi-language Support
Zigbee Gateway	: Built-in
Product Dimensions	: 208 × 86 × 11.5 mm

KEY FEATURE

 **6-Inch HD Touch Display** – Large high-resolution touchscreen with intuitive control and real-time device monitoring

 **Multifunction Rotary Knob** – Quick control of lighting, curtains, volume, temperature, RGB colors, and scenes

 **Built-in Zigbee Gateway** – Seamless connectivity with Zigbee smart devices without an additional hub

 **Built-in Audio System** – Supports direct speaker connection with Bluetooth and online music streaming

 **All-in-One Smart Home Controller** – Manage lights, curtains, climate, audio, scenes, and smart devices from a single panel

 **Multi-Protocol Connectivity** – Supports Wi-Fi, Zigbee 3.0, Bluetooth, Ethernet, and RS485 communication

 **Smart Life App Integration** – Synchronizes devices, rooms, scenes, and automation directly from the app

 **Smart Ecosystem Compatibility** – Supports a wide range of smart devices available within the Smart Life ecosystem

 **Easy Flush-Mount Installation** – Designed for standard wall box installation with a clean, elegant finish

 **Customizable Scenes & Automation** – Create personalized routines and intelligent automation for every lifestyle

 **Smooth & Responsive Interface** – Android-powered performance with fast navigation and user-friendly operation

 **Built-in Load & Speaker Control** – Supports 2-channel Speaker control and direct speaker connectivity from the panel itself

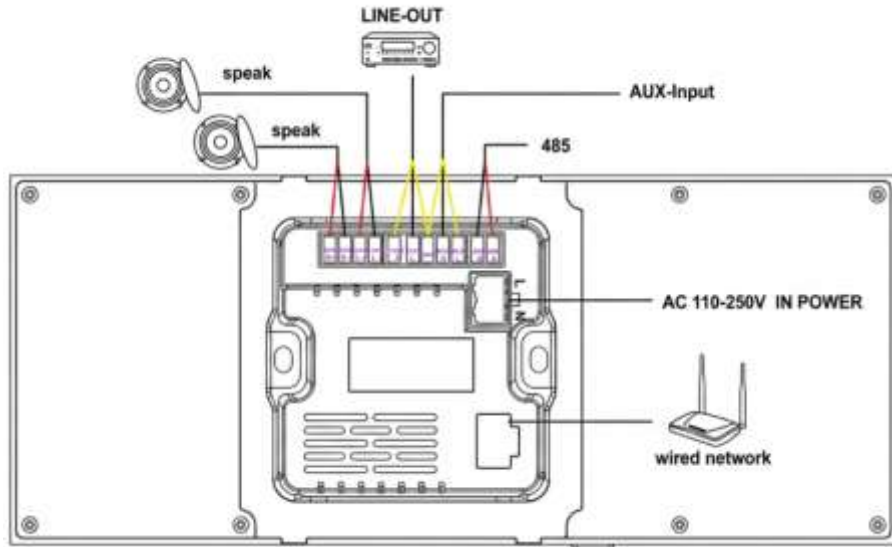
INSTALLATION

Panel Installation

1. Turn OFF the main power supply before installation.
2. Connect the power wires:
 - **L** → Live (Phase)
 - **N** → Neutral
3. Connect optional communication cables if required:
 - **RJ45 Ethernet Cable**
 - **RS485 Communication Cable**
4. Fix the backend module into the standard 86-type wall box.
5. Attach the front display panel to the backend module.
6. Turn ON the power supply and wait for the panel to boot up.



WIRING CONNECTION



SPEAKER CONNECTION

Speaker Output

1. Connect the speakers to the output terminals
 - SPK L+ / L- → Left Speaker
 - SPK R+ / R- → Right Speaker
2. Ensure the speaker impedance is **4–8Ω**.
3. Recommended speaker power:
 - **10W–25W per channel**
 - Maximum **2-channel speaker output**
4. Verify (+/-) for both speakers to ensure proper audio performance.

AUX Audio Input

1. Connect the audio source to the AUX terminals:
 - AUX L → Left Audio Input
 - AUX R → Right Audio Input
 - GND → Ground
2. Use a **3-core shielded audio cable** for reliable audio transmission.
Recommended speaker power

Note: Use high-quality speaker cable and avoid short-circuiting the speaker terminals.

Network & App Setup

1. Connect the panel to the local Wi-Fi or Ethernet network.
2. Open the **Smart Life App** and scan the QR code displayed on the panel.
3. Complete the pairing process.
4. Once connected, all configured devices, rooms, scenes, and automation settings will automatically synchronize with the panel.
5. Customize rooms, scenes, automation routines, and shortcuts as required.
6. Start controlling lights, curtains, climate, audio, sensors, locks, and other smart devices directly from the 6-inch control panel.