

The Hikvision 2-Wire HD Analogue Video Intercom Video Syreon's

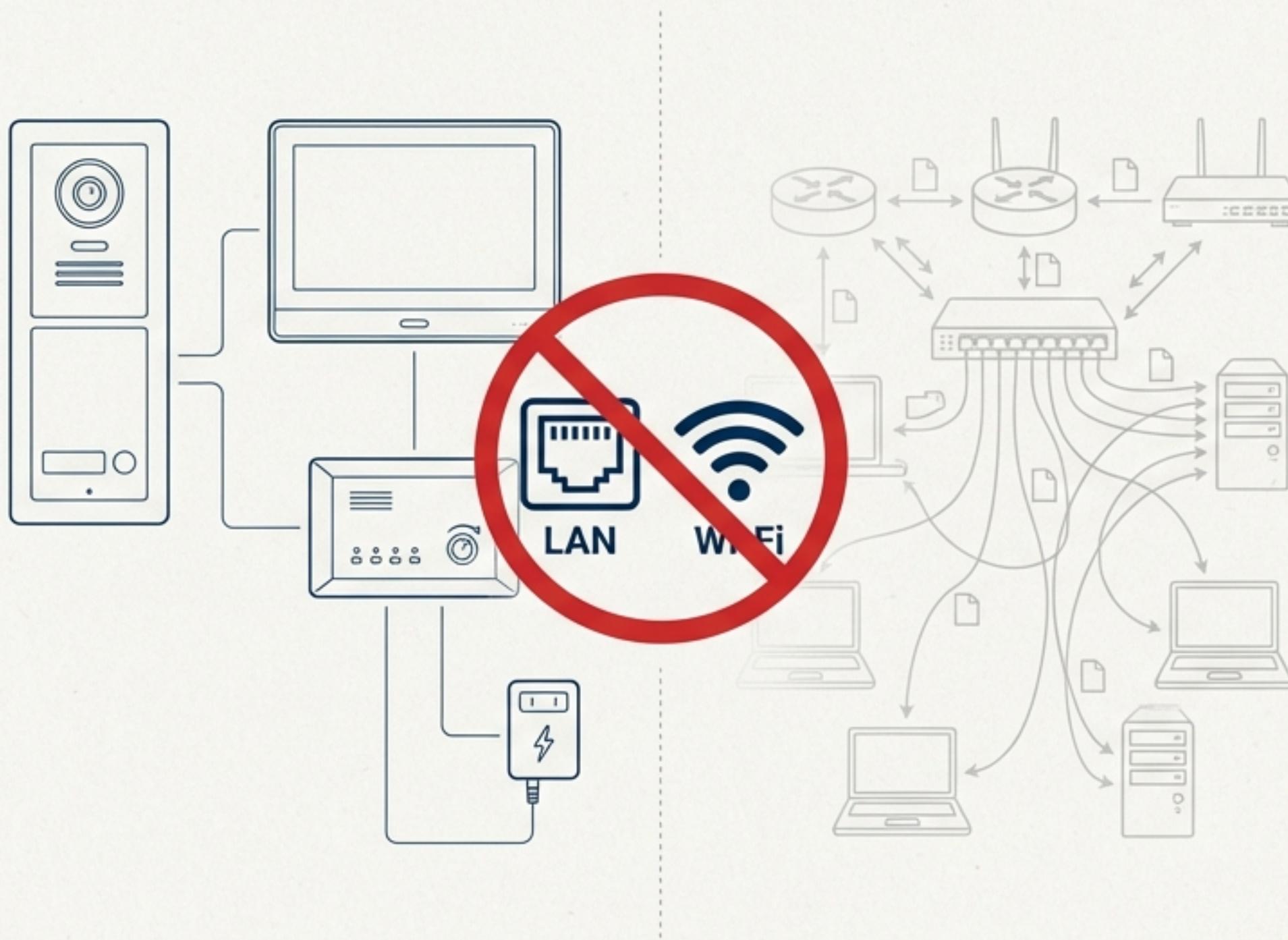
A Complete Technical Guide for Professional Installers



HIKVISION

NotebookLM

A Truly Analogue System: Simple, Simple, Standalone, No IP Required



- **No Network Connection Needed**

This system is fully analogue and operates independently of any IP network. There is **There is no LAN port on the distributor.**

- **No IP Configuration**

Forget laptops and IP settings. Device addressing is handled physically via simple twist dials on each component.

- **Direct & Reliable**

Designed for straightforward installations where network infrastructure is unavailable or unnecessary.

Installer's Note: This is a fully standalone product range. The analogue door station, screens, distributor, and power supply **cannot** be mixed with components from the existing two-wire digital or IP intercom systems.

The Core Components



48V DC Power Supply



2-Wire Video Distributor
(KAD7060)



Modular Door Station
(70003)



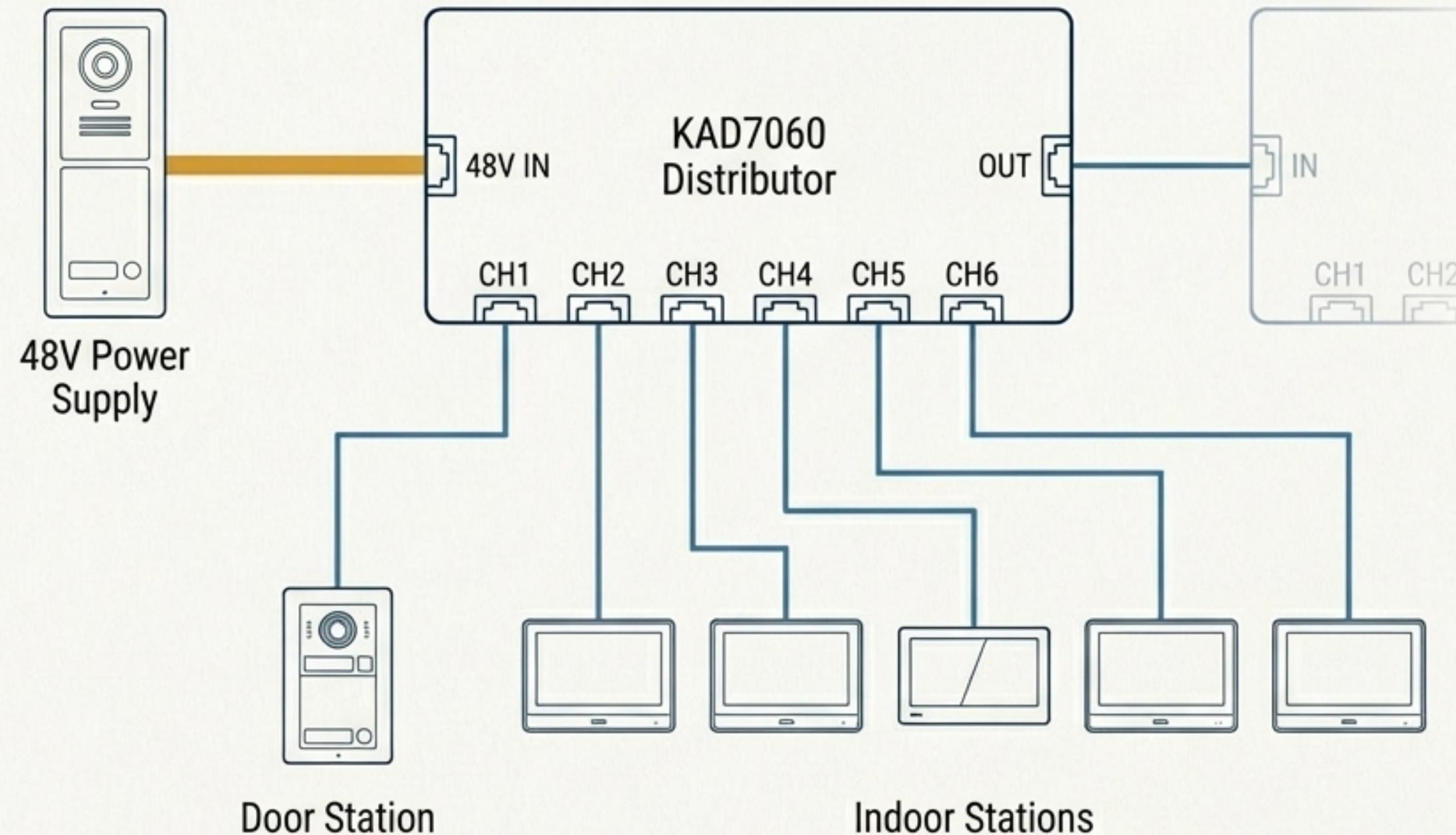
Indoor Station

Note: Available in Wi-Fi and non-Wi-Fi versions.



Floor Shunt (Optional)
For expanded topologies.

System Architecture and Scalability



Power Capacity

A single 48V power supply can support:



Up to **22** Wi-Fi indoor stations.



Up to **64** non-Wi-Fi indoor stations.

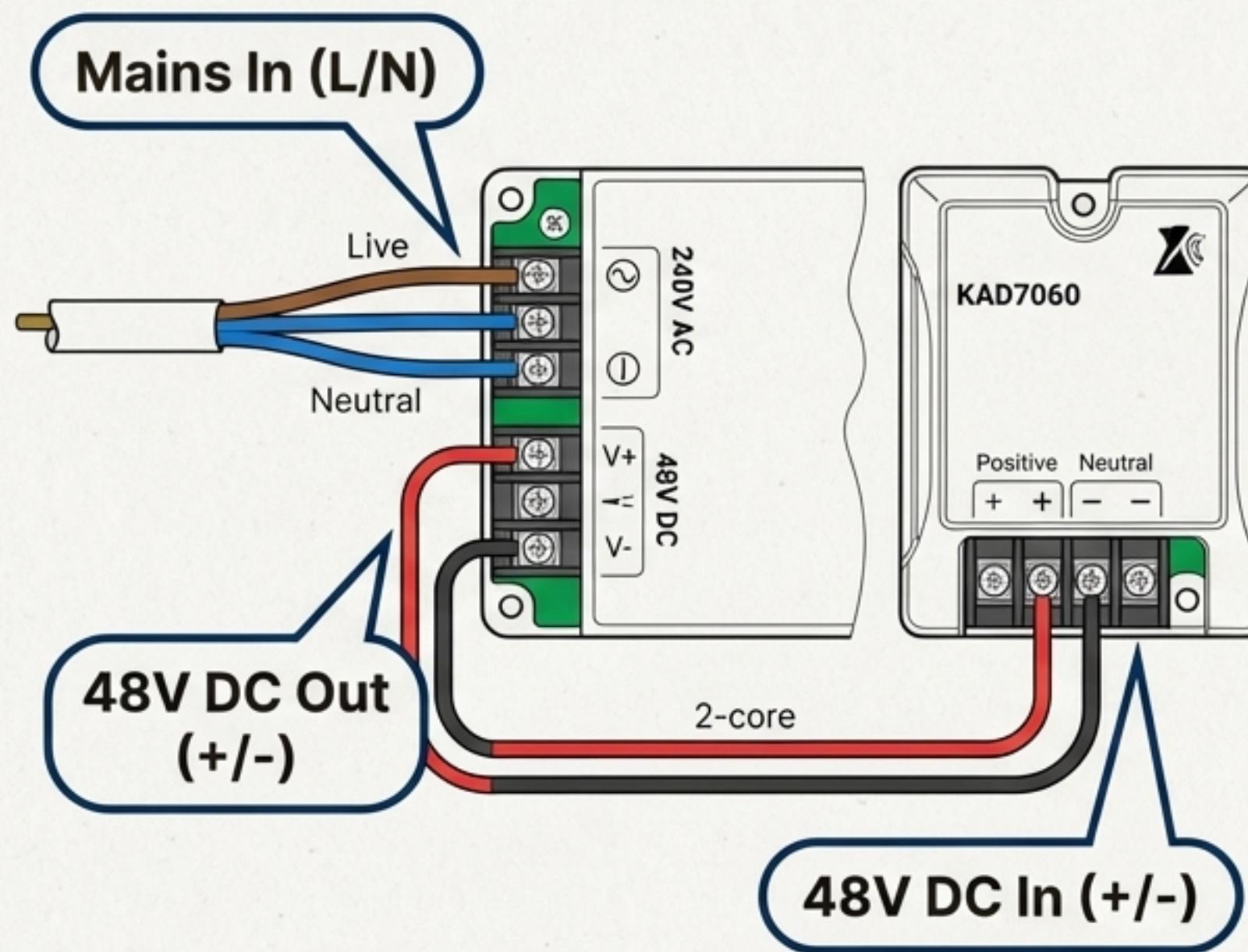
Distributor Capacity



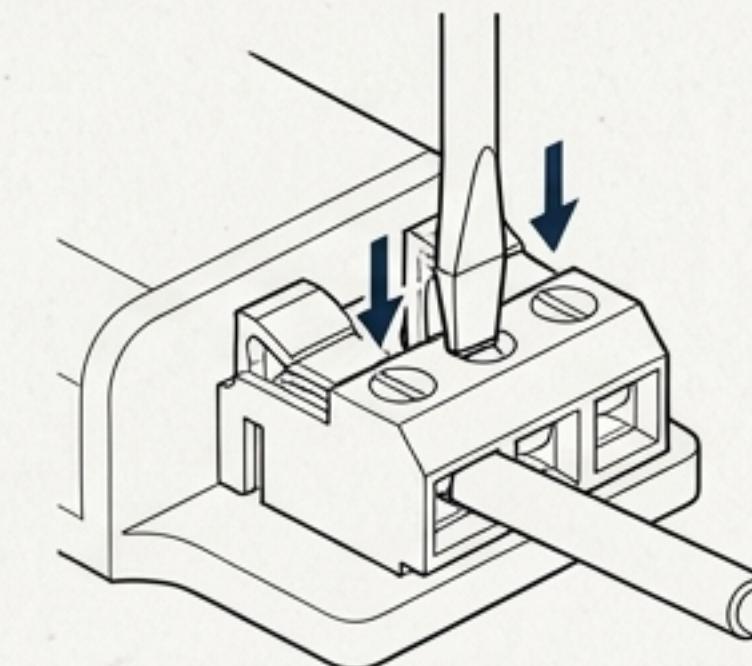
Each distributor features 6 channels for connecting one door station and five indoor stations.

Part 1: The Build

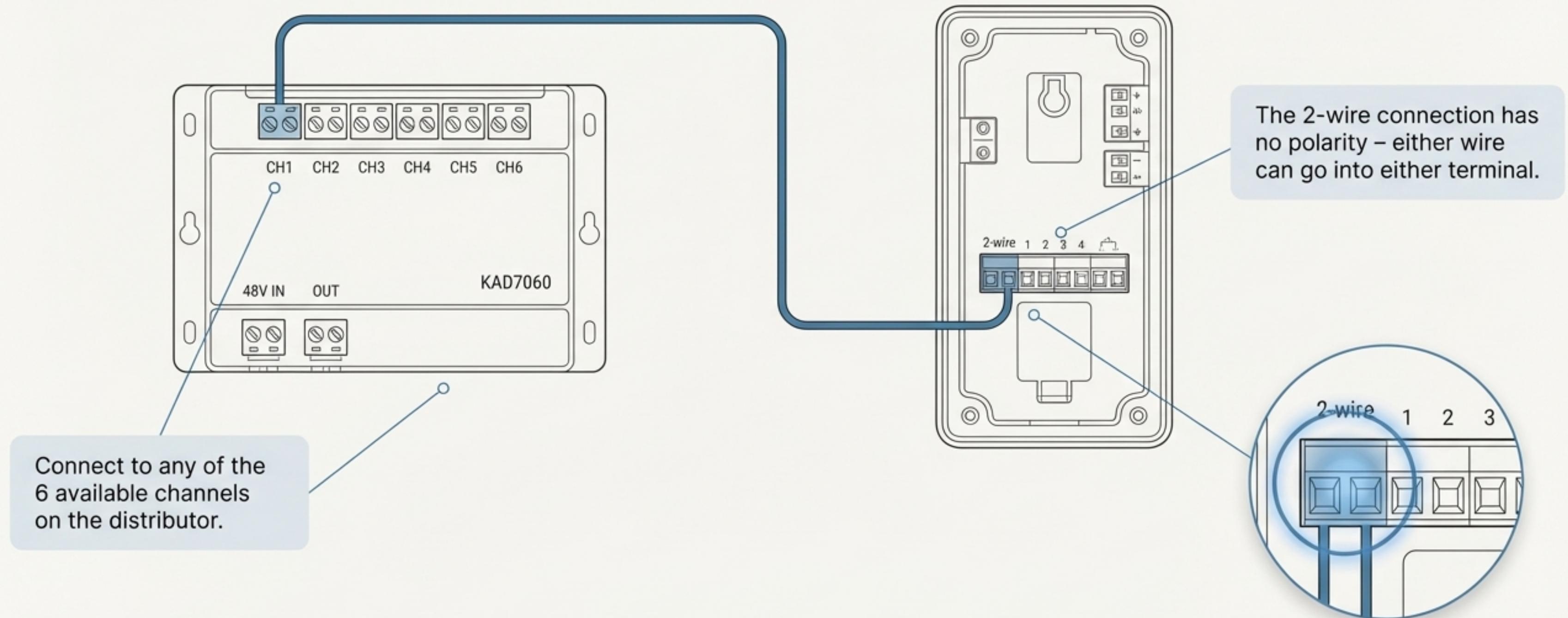
Step 1: Powering the System



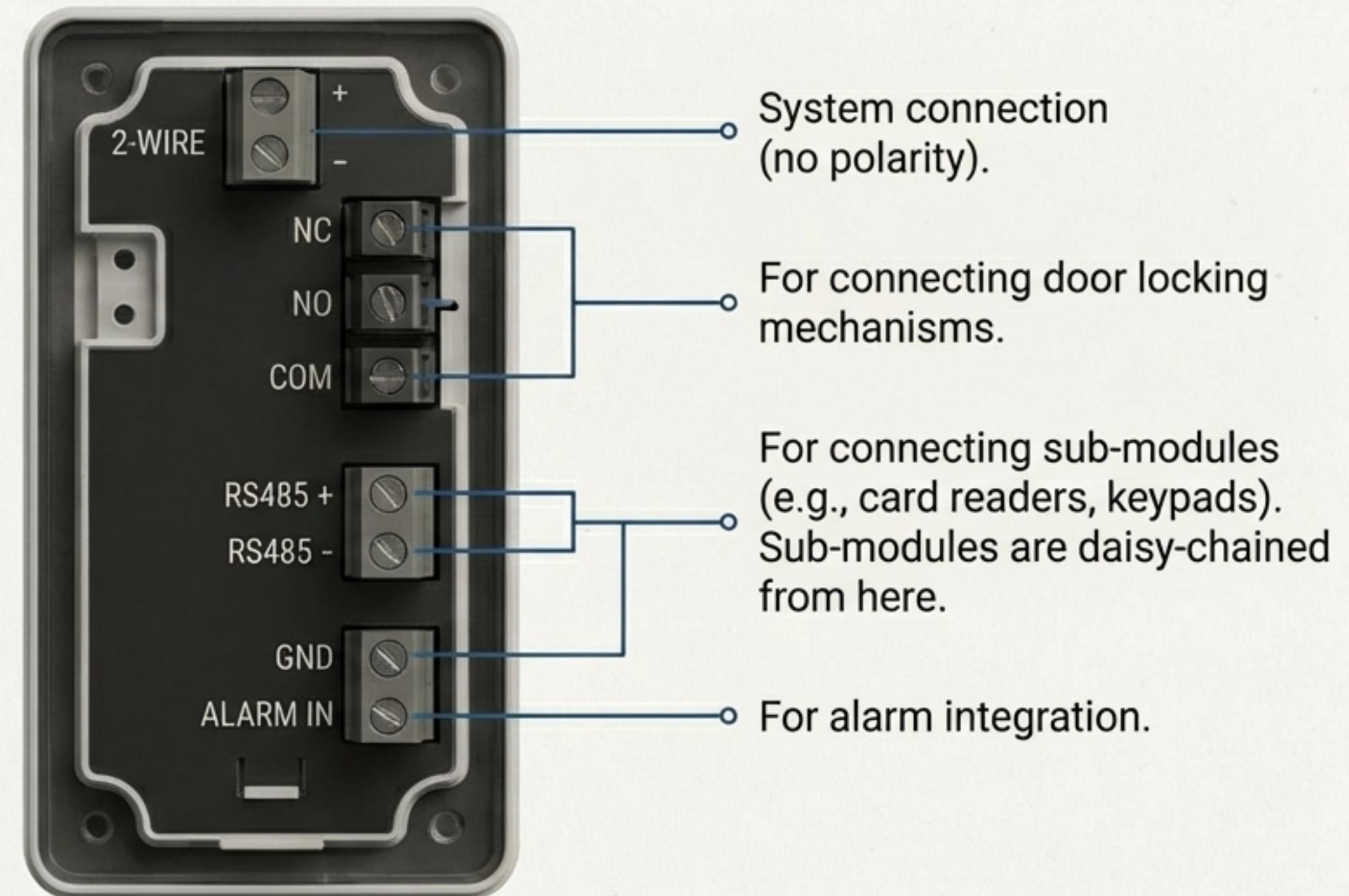
1. Connect mains Live and Neutral to the power supply input. (Ensure power is disconnected).
2. Connect the 48V DC output (V+ to Positive, V- to Neutral) from the power supply to the distributor's power input terminals.
3. Use the supplied flathead screwdriver to depress the spring clips for easy wire insertion.



Step 2: Connecting the Door Station

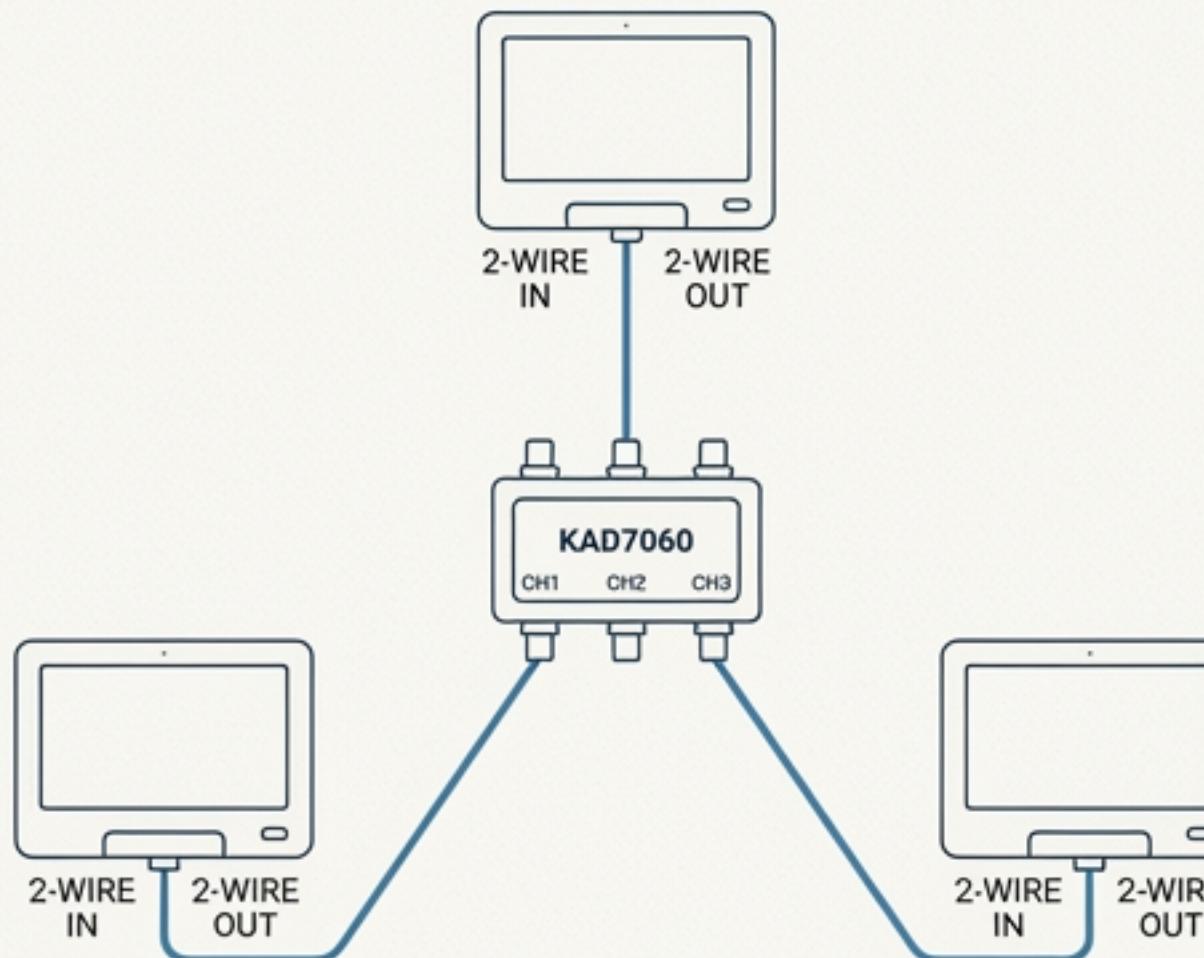


Door Station Terminals: A Closer Look



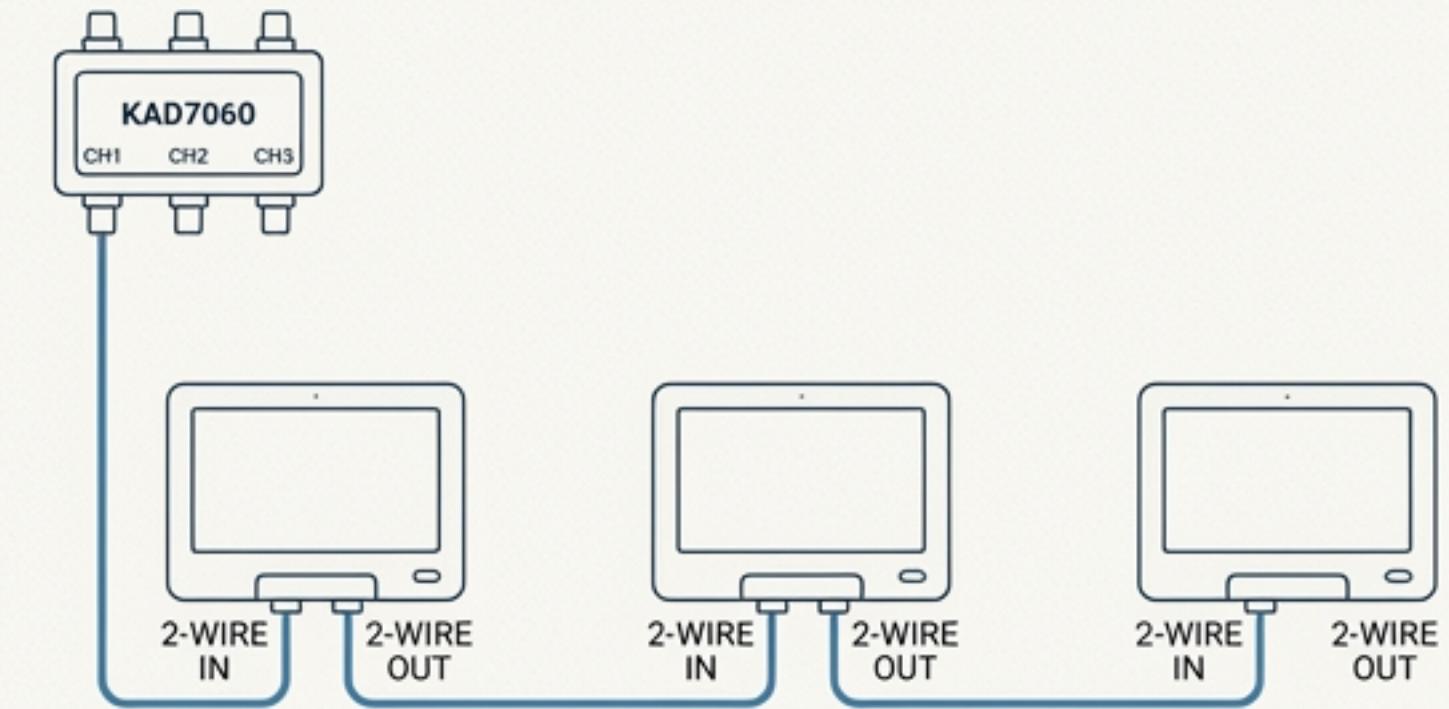
Step 3: Wiring the Indoor Stations - Star vs. Daisy-Chain

Star Topology



Ideal for home-run cabling.

Daisy-Chain Topology



Reduces cable runs in linear layouts like apartments.

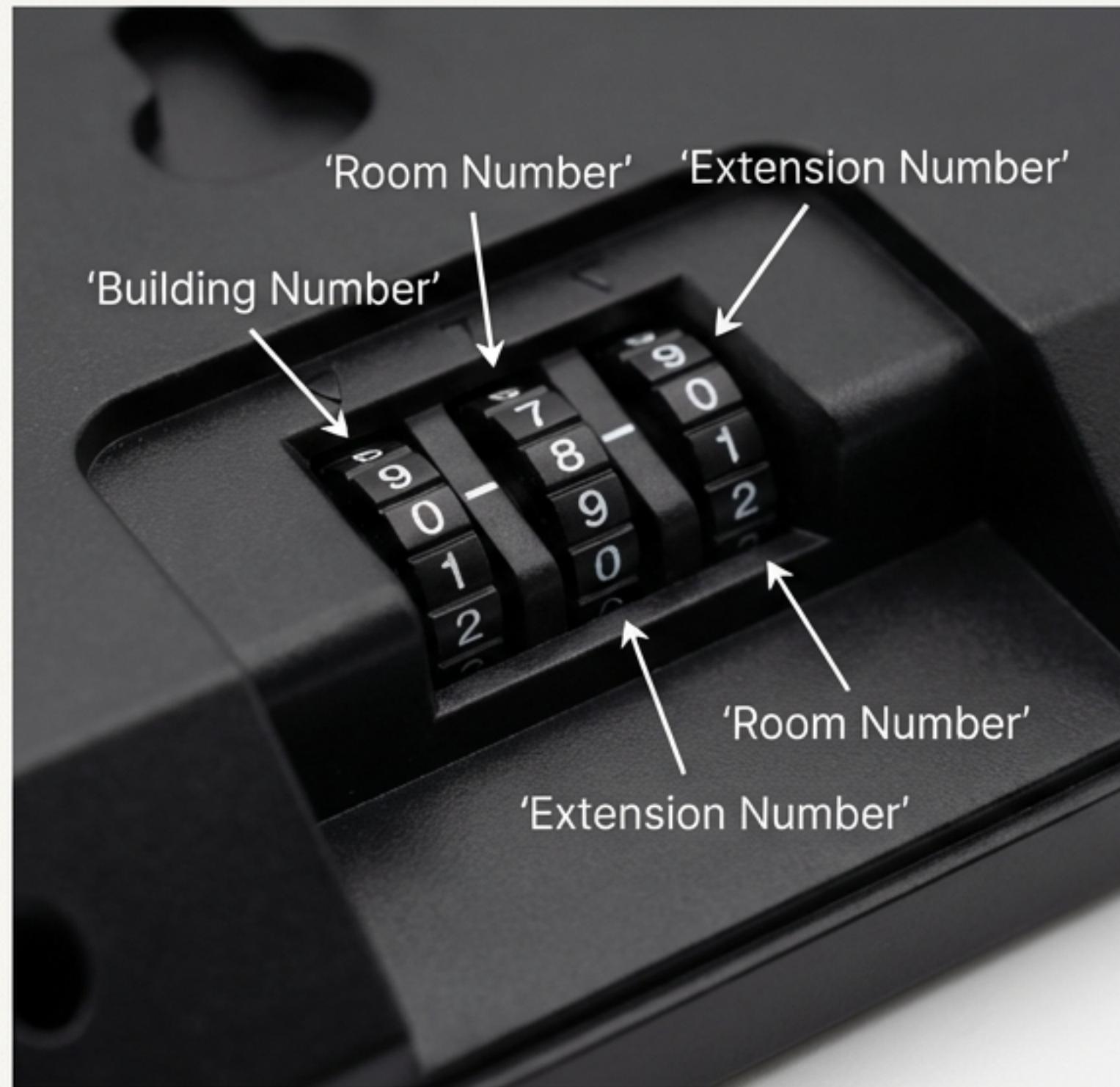
Part 2: The Setup

Addressing the Door Station



- **Building Number:** Set using the 'x10' and 'x1' dials.
Example: For Building 1, set 'x10' to 0 and 'x1' to 1.
- **Door Station Number: This is a critical setting.**
For the Main Door Station, this dial **must be set to 0**.
For sub-door stations, set to 1, 2, 3, etc.
- **Door Unlock Duration:** Can be set physically with the dedicated dial on the right.

Addressing the Indoor Stations



Configuration Explained with an Example

Scenario: Two screens in one apartment (Building 1, Room 1).



Screen 1 (Main)

- Building Number: 1
- Room Number: 1
- Extension Number: 0 (or default position)



Screen 2 (Extension)

- Building Number: 1
- Room Number: 1
- Extension Number: 1

Installer's Note: Each screen within the same room needs a unique Extension Number. The first screen is typically 0, the second is 1, and so on.

Activating the System with Your Mobile Phone

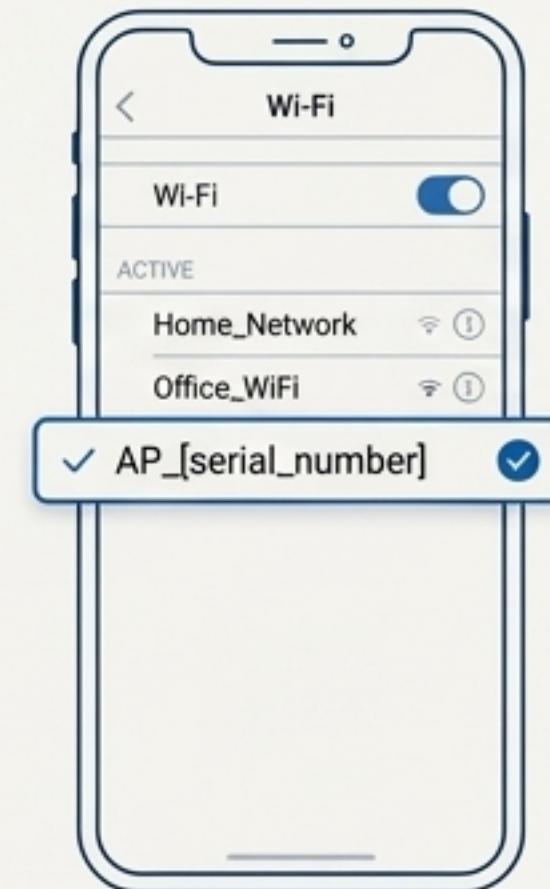
1.

1. Activate AP Mode: Press and hold the hidden button below the main call button for a few seconds until you hear a beep.



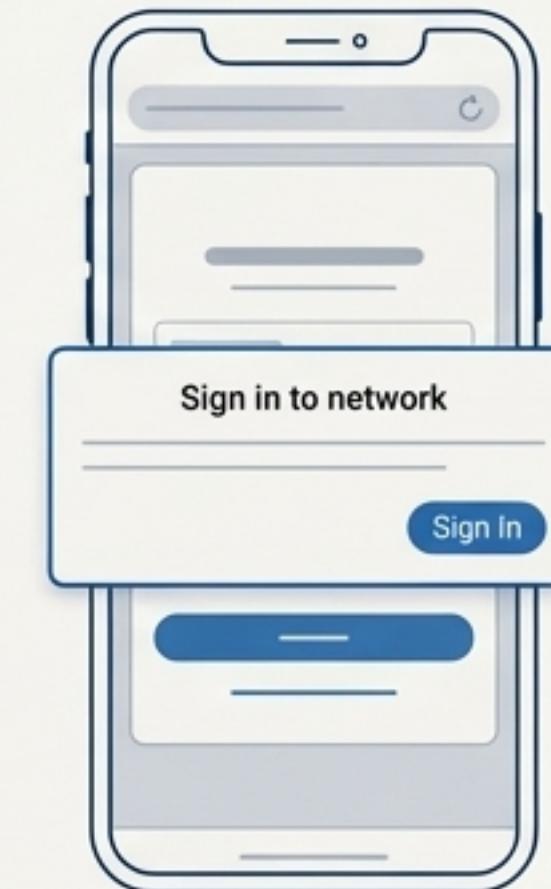
2.

2. Connect to the Wi-Fi: On your phone, connect to the Wi-Fi network named 'AP_[serial_number]'.

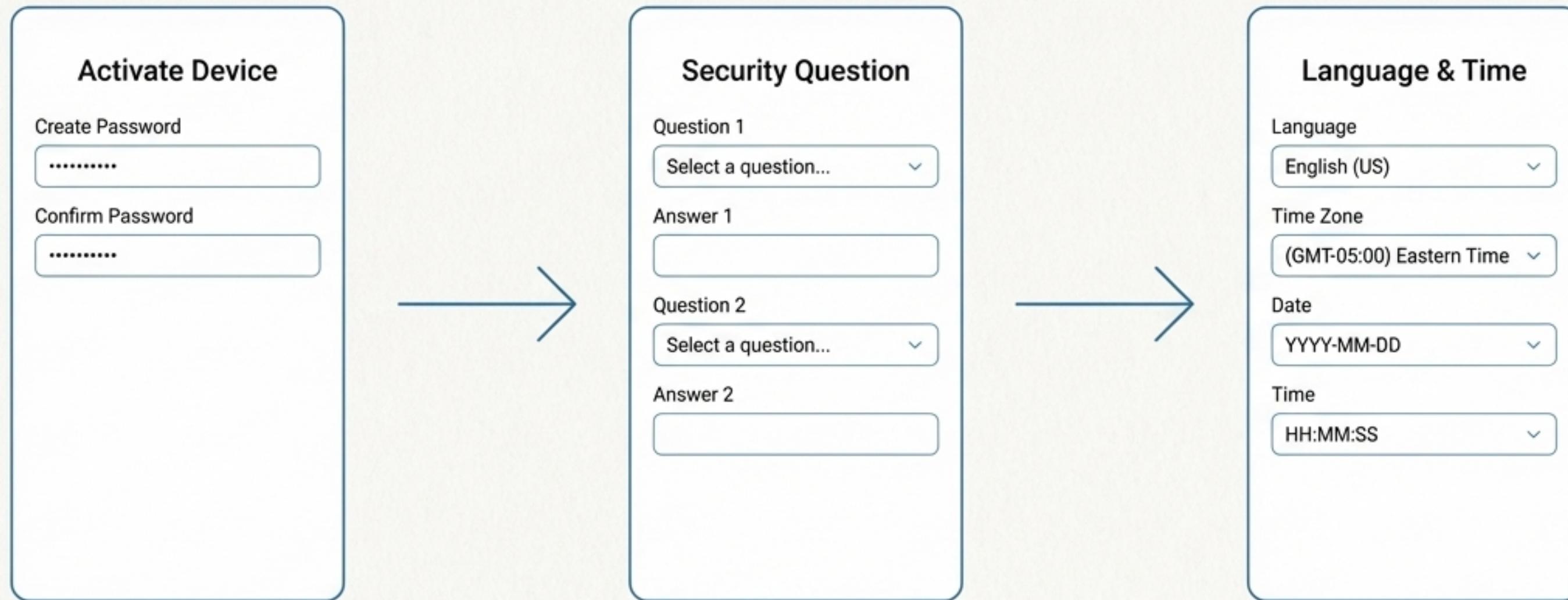


3.

3. Launch Web Interface: Your phone will prompt you to sign in. This will open the device's web configuration page in your browser.



Initial Configuration via Web Browser



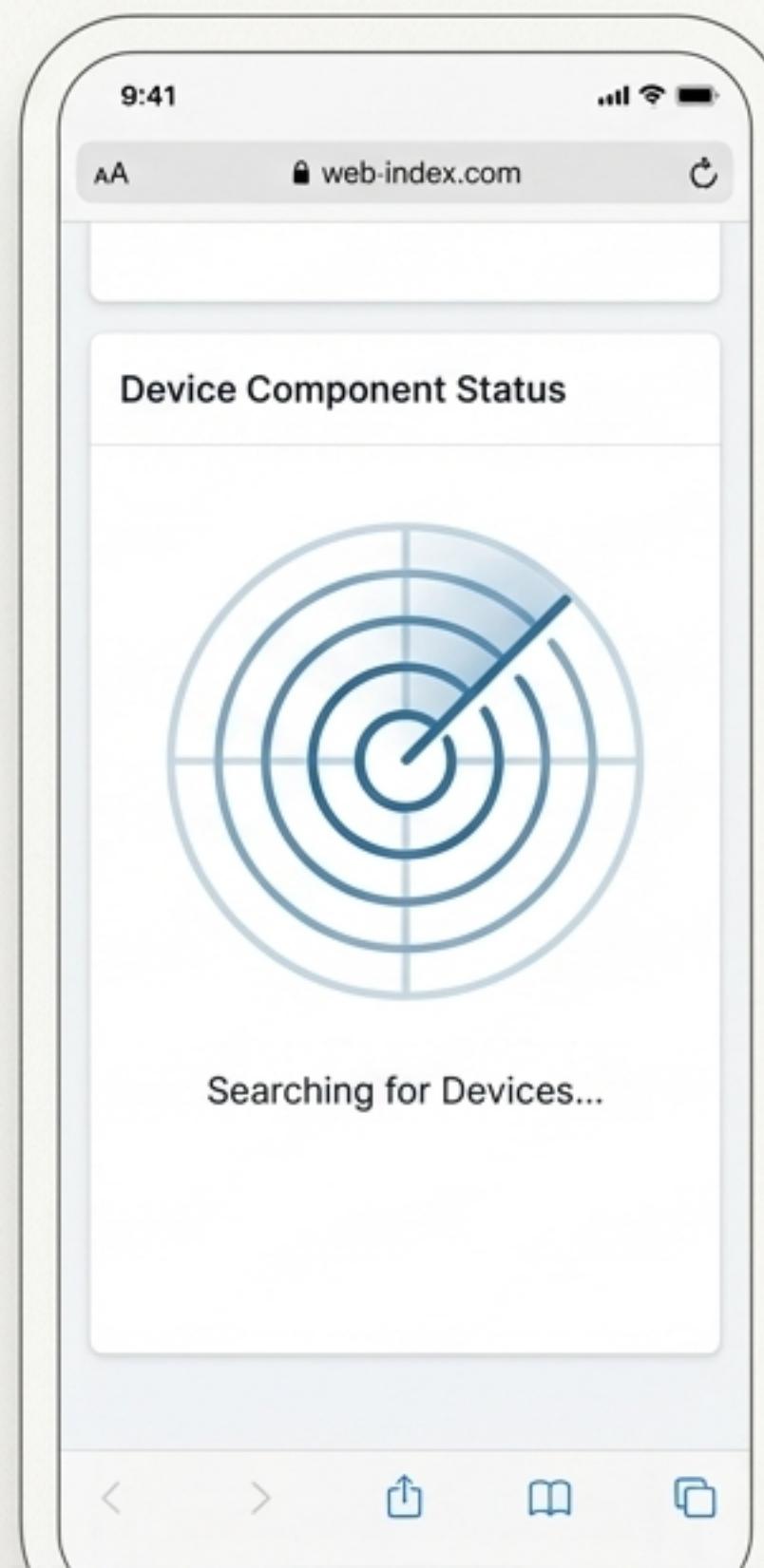
First, create a strong admin password for the device.

Set security questions for password recovery. This step can be skipped if a recovery email is set.

Confirm language, time, and date settings.

The default Wi-Fi password is the device serial number (the characters after 'AP_').

Final Step: Linking All Devices

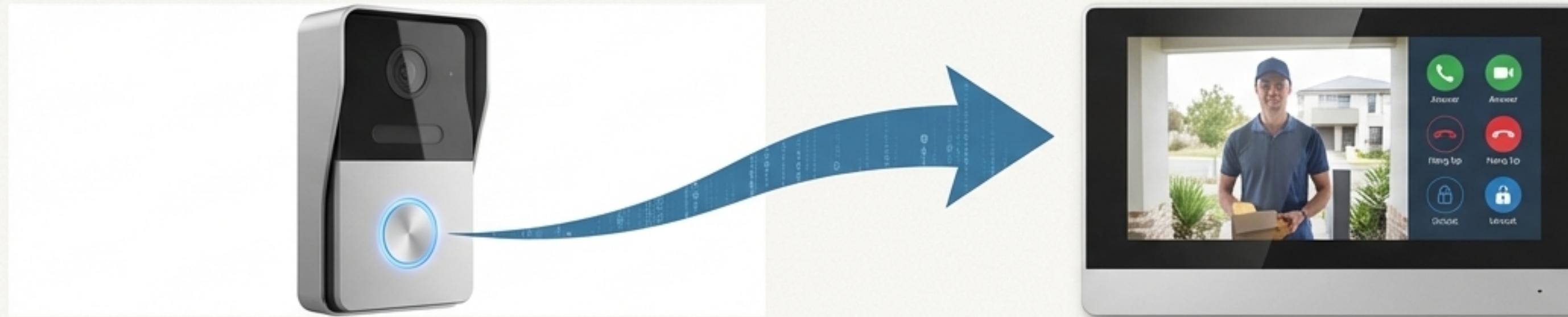


1. After initial activation, the interface will prompt you to link devices.
2. Press and hold the button on the door station again for **10 seconds** to start the search process.
3. The system will now automatically discover and link all addressed indoor stations.
4. The 'Device Management' screen will show the status as the devices are found.

From this interface, you can temporarily open the door, manage users (if a card module is attached), and access advanced settings. This functionality is only available while connected directly to the door station's Wi-Fi AP.

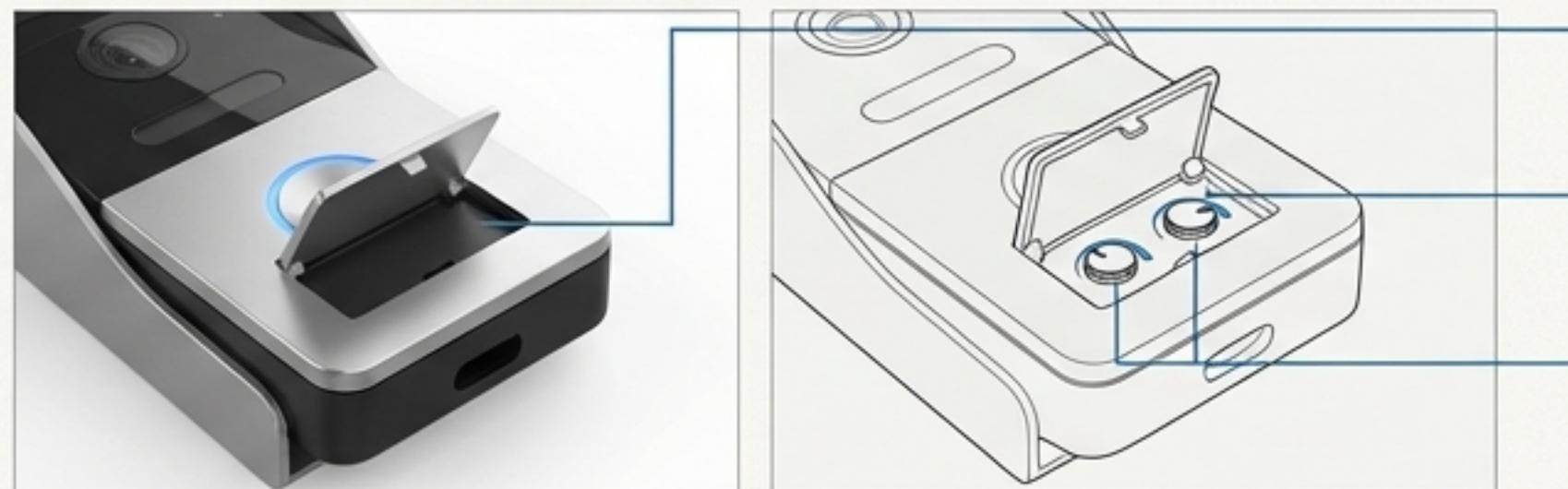
System Live

Making a Call and Fine-Tuning



Once activated and linked, pressing the call button will ring all associated indoor stations. Two-way audio and door release are now active.

Post-Installation Adjustments



Location

Underneath the silver faceplate on the door station is a small flap.

Controls

Beneath the flap are two dials.

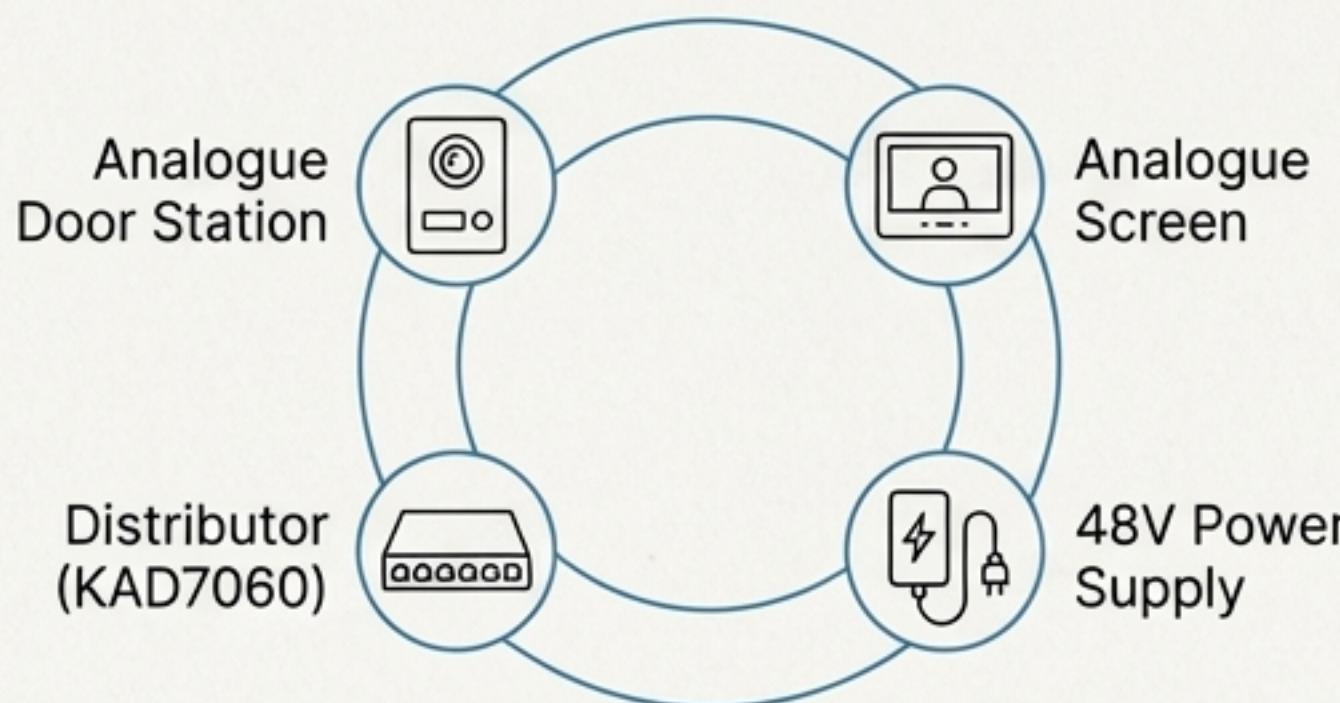
Function

These dials allow you to adjust the volume for the built-in microphone and speaker to suit the environment.

Key Takeaways for a Successful Installation

- Core Strengths

- **Simple & Fast:** Physical dial addressing eliminates complex software configuration.
- **Network Independent:** A perfect solution for sites without existing network infrastructure.
- **Powerful & Scalable:** A single 48V PSU can power up to 64 non-Wi-Fi screens, with cascading distributors for larger projects.



System components are not cross-compatible. You must use the dedicated analogue screens, distributor (KAD7060), and 48V power supply with this door station. Do not mix with any digital or IP Hikvision intercom parts.