

System-2 Quick Start Guide

Introduction

Your System2 products can use a wide power range from 12 – 24 Volts from a regulated power supply. System2 Solenoid drivers require 20-24 Volts DC to charge the integrated CDUs.

Twisted pair cable for the CAN network should be used.

Both CAN cable and a suitable power supply is available from our web shop.

Getting your first board on your local Wi-Fi network

To set up a new System-2 board for Wi-Fi connectivity, follow these steps:

1. **Power Up any board:**

- Apply 12-24 DC regulated power to the Panel Controller (12V terminals).
- Observe the RUN LED flash about once per second (may take up to 30 seconds on first-time boot).

2. **Activate Hotspot:**

- Hold the HOTSPOT button for 1 second; observe the RUN LED flash rate increase to show the hotspot is active.

3. **Connect to Hotspot:**

- From your phone, tablet, or other Wi-Fi device, scan for Wi-Fi networks.
- Locate the hotspot network for the Panel Controller (identified by the device name/serial number on the sticker, such as "panel-xxxxxx" or "serv8-xxxxxx").
- Connect to this network (you may receive a warning that this network does not connect to the Internet, which is normal).

4. **Configure Wi-Fi Settings:**

- If prompted for sign-in, proceed to the sign-in page.
- If no sign-in prompt appears, navigate your browser to "4.3.2.1/admin".
- Press the "Scan WiFi" button to populate scanned networks.
- Select the appropriate network from the list (strongest signals towards the top).
- Enter the password (case sensitive, max 16 chars) and press save.

5. **Note IP Address:**

- The device's IP address will be displayed near the top (red band). Make a note of this.

6. **Reboot and Access:**

12:16 4G 99%

Sign in to serv8-451b34
4.3.2.1

**MegaPoints
Controllers**

System 2 AIR WiFi Configuration

Product: Servo-8
Hostname: serv8-451b34
IP Address: 192.168.0.121

Scan Wi-Fi networks automatically.

Scan WiFi Megapoints

Password

Save Reboot

Or enter Wi-Fi details manually.

SSID

Password

Save

Device Management

- Press the reboot button when ready.
- Access the device via your usual network using the IP address obtained previously.

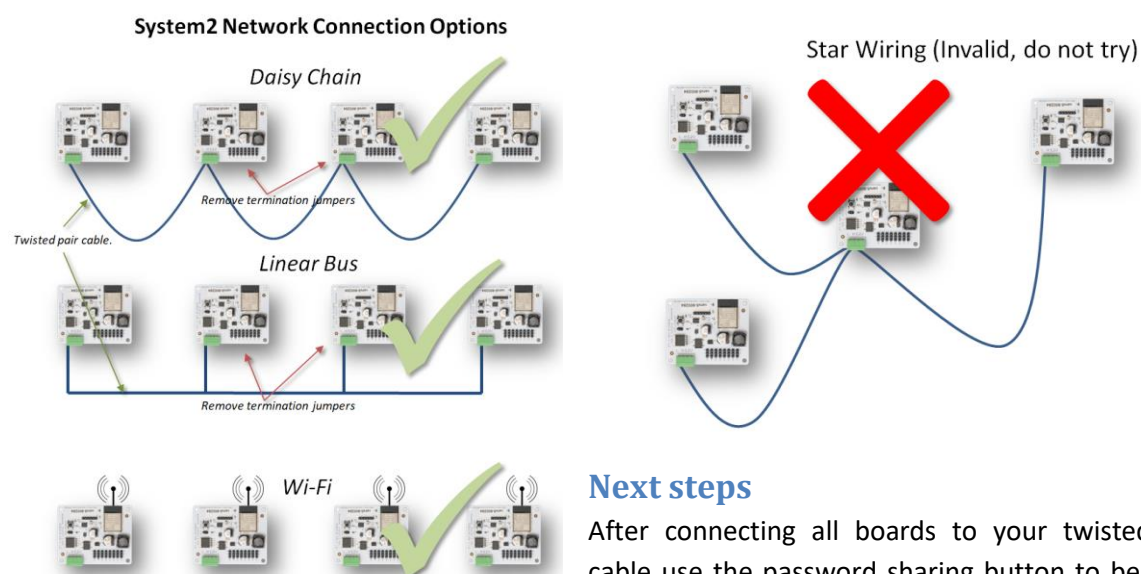
By following these steps, you will successfully configure the System-2 board for Wi-Fi connectivity, enabling adjustments to board settings and future software updates over your local Wi-Fi.

To connect each board together:

1. Connecting your network cable (twisted pair):

- Connect the wires to the CAN-L and CAN-H ports on each System2 board.
- Ensure to make good contact with the conductor; take care not to clamp the terminal on the insulator material.
- Remove termination jumpers from all except the two boards at the end of the network.

You can use any of the supported wiring methods below:



Next steps

After connecting all boards to your twisted pair cable use the password sharing button to bring all boards onto your Wi-Fi and access their configuration settings.

See the System2 video guides and download the full documentation set from:

<https://megapointscontrollers.co.uk/system2>

NOTE: We operate on a policy of continuous improvement. Colours, specifications and even the placement of components may vary from time to time.