

System-2 Starter Kit Quick Start Guide

Introduction

Your starter kit provides an initial 8 or 16 channel support and includes:

- A Panel Controller, Motor driver board(s) of choice, Pushbuttons with cables and screws, Green/Green LED cable pairs, CAN network termination jumpers installed on all boards.

You may also require:

- 12 Volt DC regulated power supply.
 - 500mA per Panel Controller.
 - 1.5A per Servo Controller.
- Network twisted pair cable as listed on our System2 online 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 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 18*

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

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:**

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

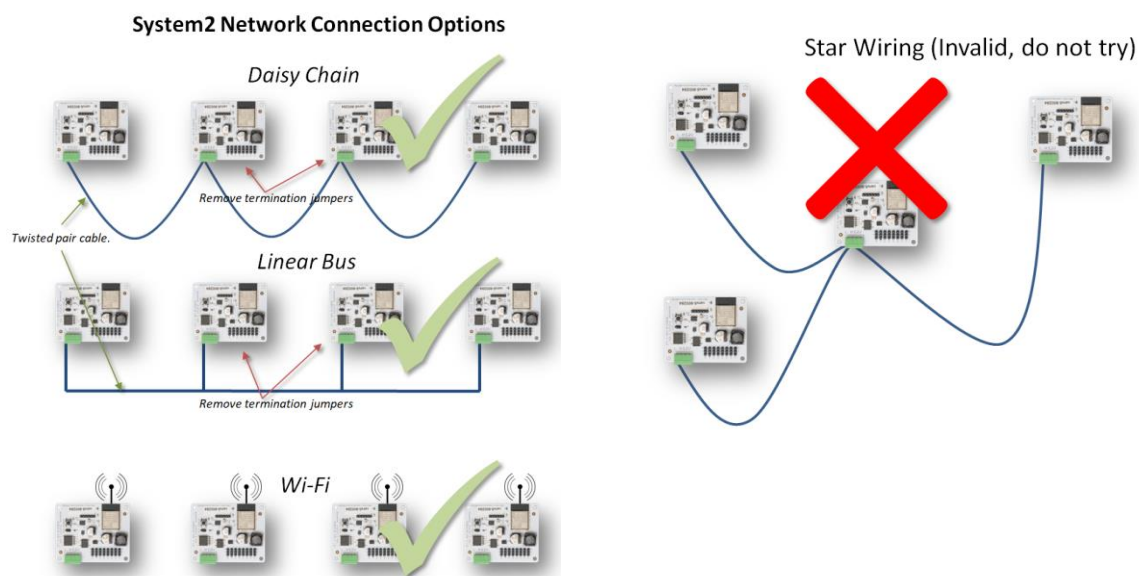
By following these steps, you will successfully configure the System-2 board for Wi-Fi connectivity, enabling adjustments to board settings and future software updates over your local Wi-Fi.

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 end boards.

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.