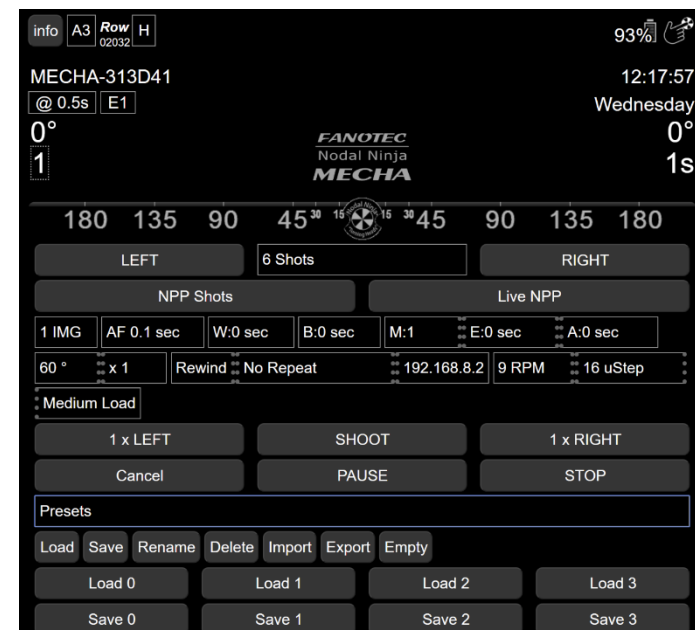
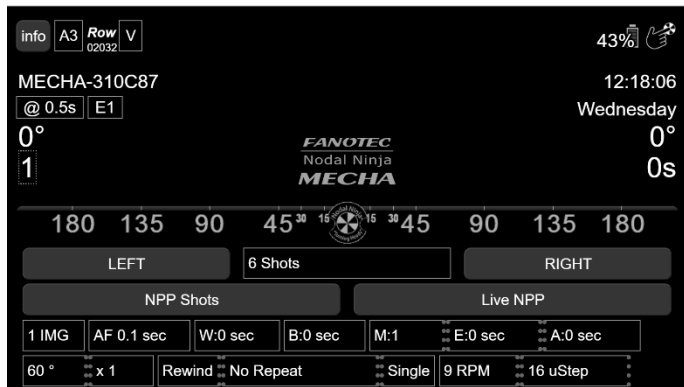


Pairing Two MECHAs for Dual Axis Application

1. Power up horizontal MECHA and press [1] when LEDs shows - - - - -
2. Connect to horizontal MECHA with MECHA SSID and password. Refer to [this guide](#) if needed. SSID and password are printed on the supplied QR code label. Record them if the label is not available.
3. Open 192.168.8.1/config
User: `admin`
Password: `Mecha`
4. Select Default Mode: `[AP+STA]`
5. Select `[Apply]`
6. Power up vertical MECHA and press [1] when LEDs shows - - - - -
7. Connect to vertical MECHA with MECHA SSID and password.
8. Open 192.168.8.1/config
User: `admin`
Password: `Mecha`
9. Select Default Mode: `[STA]`
10. Select `[Apply]`
11. Select `[Connect to Wi-Fi]`, enter SSID and password for horizontal MECHA.
12. Connect to horizontal MECHA again using MECHA SSID.
13. Access 192.168.8.1/row
If pairing is successful, UI will show `[H]` at the upper left corner and `[Team .x]` near the bottom of page, where `x` is the last part of the IP in 192.168.8.x. The vertical MECHA can be accessed by selecting the `[H]` icon or by typing 192.168.8.x at browser address. Vertical MECHA UI will show `[V]` at the upper left corner and `[Team]` near the bottom of page. Select `[V]` to go back to horizontal MECHA. Use 2 Tabs with MECHA IPs in browser to access both MECHAs quickly.

14. To get presets from server, select `[Connect to Wi-Fi]` and enter SSID and password for the Wi-Fi network with internet access.
15. Select `[Presets]`, load `[More from Server]` to get some presets to test. You can ask for presets for your specific setup at forum.nodalninja.com.
16. Save the desired presets to Buttons `[1]`, `[2]` and `[3]` respectively using `[Save 1]`, `[Save 2]` and `[Save 3]`, so that the presets can be executed without using the interface. E.g., press `[1] [<]` or `[1] [>]` to execute the Button 1 preset in the desired direction.
17. Note that MECHA (accessed by 192.168.8.1) is in AP mode. If you use the Hotspot/ Wi-Fi Tethering function on the same device to provide the internet access, MECHA cannot connect to the Internet and `[More from Server]` is not available. You can use MECHA's STA_IP to access it. For example, on Android, STA_IP is 192.168.43.x, where `x` can be `2-254`; on iPhone / iPad, STA_IP is 172.20.10.x, where `x` can be `2-14`. Refer to [this guide](#) on STA mode for details.





Pairing with Buttons only - zero Learning MECHA Mode (For Firmware C1E_02011 or Newer)

1. Power up horizontal MECHA and press [1] when LEDs shows - - - - -.
2. Press buttons [0][1][2][3][1][2][3][1][>] to enter 8-digit code 01231231>, where [0] is the power button. MECHA will give 5 beeps if not muted in settings.
3. Power up vertical MECHA and press [1] when LEDs shows - - - - -.
4. Press same button sequence as in step 2. MECHA will give 2 beeps if not muted in settings.
5. MECHAs will pair up. And from now on, every time MECHAs are powered up, they will pair up together. As indication of successful pairing, horizontal MECHA will show 1 LED -, vertical MECHA will show 2 LEDs =.
6. MECHA will use a new SSID, **MECHA-H123**, instead of the usual one. Password will be 01231231.
Note: You can change the code to something like 03213213> in which case SSID will be **MECHA-H321** and password will be 03213213.
The rules for the code are:
 - i. It must start with 0 and have 8 digits.
 - ii. No identical digits next to each other.
 - iii. It must end with >.
 - iv. 3 digits after 0 will be used as part of the SSID.
7. Connect with Phone or PC to **MECHA-H123**.

8. Access the interface of horizontal MECHA with 192.168.8.1/row
9. To get presets from server, select [\[Connect to Wi-Fi\]](#) and enter SSID and password for the Wi-Fi network with internet access.
10. Select [\[Presets\]](#), load [\[More from Server\]](#) to get some presets to test. You can ask for presets for your specific setup at forum.nodalninja.com.
11. Save the desired presets to Buttons [1], [2] and [3] respectively using [\[Save 1\]](#), [\[Save 2\]](#) and [\[Save 3\]](#), so that the presets can be executed without using the interface. E.g., press [1] [<] or [1] [>] to execute the Button 1 preset in the desired direction.
12. Note that MECHA (accessed by 192.168.8.1) is in AP mode. If you use the Hotspot/ Wi-Fi Tethering function on the same device to provide the internet access, MECHA cannot connect to the Internet and [\[More from Server\]](#) is not available. You can use MECHA's STA_IP to access it. For example, on Android, STA_IP is 192.168.43.x, where *x* can be 2-254; on iPhone / iPad, STA_IP is 172.20.10.x, where *x* can be 2-14. Refer to [this guide](#) on STA mode for details.

