Pairing Two MECHAs for Dual Axis Application

- 1. Power up horizontal MECHA and press [1] when LEDs shows = = = =
- 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.

info A3 Row H 93% (*									
MECHA-313D41 12:17:57 @ 0.5s E1 Wednesday)° FANOTEC 0°									
1			Nodal Ninja MECHA				1s		
180) 135	90	45 ³⁰	15	¹⁵ ³⁰ 45	90	135	180	
LEFT			6 Shots				RIGHT		
NPP Shots			Live NP			NPP			
1 IMG AF 0.1 sec W:0 s			ec B:0 sec M:1 E:0 sec A:0 se			с			
60 °	x 1 Rev	wind No	o Repeat		192.168.	8.2 9 RP	M 16 u	Step	
Medium Load									
1 x LEFT			SHOOT				1 x RIGHT		
Cancel			PAUSE				STOP		
Presets									
Load Save Rename Delete Import Export Empty									
Load 0			Load 1		Load 2		Load 3		
S	ave 0		Save 1		Save 2	2	Sav	ve 3	

info A3 Row V					43% 🗇	
MECHA-310C87 @ 0.5s E1 0° 1	FANO Nodal N MEC	TEC linja HA		W	12:18:06 ednesday 0° 0s	
180 135 90	45 ³⁰ ¹⁵	^{15 30} 45	90	135	180	
LEFT	6 Shots			RIGHT		
NPP Shots		Live NPP				
1 IMG AF 0.1 sec W:0 s	B:0 sec	M:1	E:0 sec	A:0 sec	;	
60 ° x 1 Rewind N	No Repeat	Single	RPM	16 uStep		

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 = = = =.
- Press buttons [0][1][2][3][1][2][3][1][>] to enter 8-digit code 01231231>, where [0] is the power button. MECHA will gives 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 gives 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 =.
- 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.

info A3 Row H						76% 🏹	
MECHA-H123 @ 0.5s E1 0° 1		FANOTEO Nodal Ninj MECH/	C a		2	22:43:54 020.02.16 0° 1s	
180 135	90 45	30 15	³⁰ 45	90	135	180	
LEFT	14 Sho	ots			RIGHT	•	
NPP		Live NPP					
1 IMG MF	W:0 sec	B:0 sec	ec M:1 E:0.25 sec A:0 sec			sec	
25.71 ° x 1 Wait Repeat 8*1 sec							
P10:-12,8:-45,6:-60,10:12,8:45,6:60,2^90:90,2^90:-90,0 ° 13.5 RPM 16+128 uStep							
Heavy Load							
1 x LEFT		SHOOT			1 x RIGHT		
Cancel		PAUSE			STOP		
DAC 14-10-8-6 Shots 7 Rows 2N 2Z							
Load Save Rename Delete Import Export Empty							
Load 0	Load 1		Load 2			Load 3	
Save 0	Save 1		Save 2		Sa	ve 3	