

Eachine Nano V3 VTX User Manual

[Home](#) » [Eachine](#) » Eachine Nano V3 VTX User Manual

Eachine Nano V3 VTX



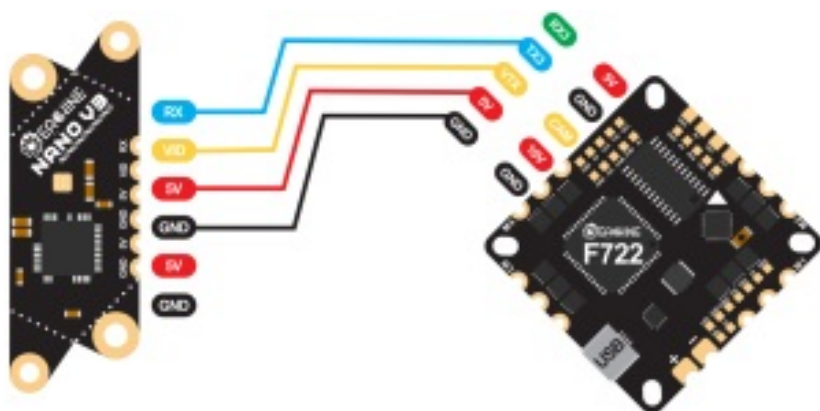
Contents [[hide](#)]

- [1 Product Parameters](#)
- [2 Wiring Diagram](#)
- [3 Interface Definition](#)
- [4 Function button settings](#)
- [5 Power indicator status](#)
- [6 Frequency sheet](#)
- [7 Button control definitions](#)
- [8 Documents / Resources](#)
- [9 Related Posts](#)

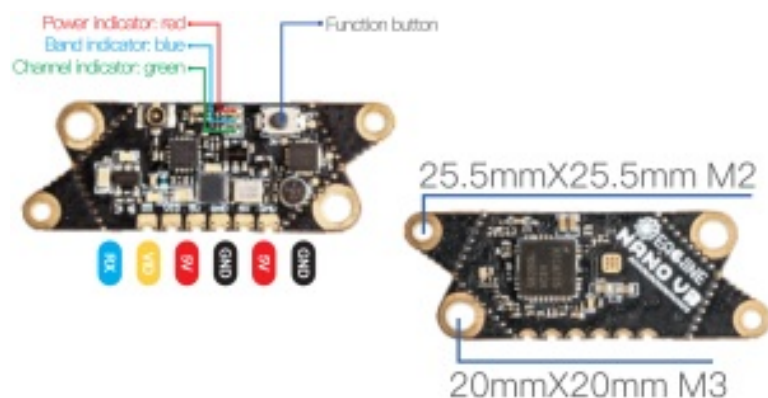
Product Parameters

- Built-in Microphone
- Input voltage: DC 5V
- PIT@75mA
- 25mW@180mA/ 1 6dBm
- 1 00mW@280mA/21 .5dBm
- 200mW@330mA/24.5dBm
- 400mW@400mA/27.5dBm
- Antenna interface: ipex
- Output power: PIT /25/1 00/200/ 400mW
- Standard 40 channels. A/B/E/F/R frequency group
- Installing Hole:
 - 20X20mm.M3
 - 25.5X25.5mm.M2
- Size: 28mm x 1 3.6mm x 5mm
- Weight: 3g

Wiring Diagram



Interface Definition



Function button settings

1. Setting methods for VTX parameters: OSD control through flight controller or VTX button control ;

- The protocol used for OSD: IRC tramp.
- The parameter table value for output power “25/1 00/200/ 400MW” is “25/100/200/400”;

4

Number of power levels

1

2

3

4

25

100

200

400

Value

25

100

200

400

Label

Power indicator status

indicator light: red	Always light	1 Flash stop	2 Flash stop	3 Flash stop	4 Flash stop
Power indicator	PIT	25mw	100mw	200mw	400mw

Frequency sheet

Band (Blue light)	CH(Green light)							
	1	2	3	4	5	6	7	8
A	5865	5845	5825	5805	5785	5765	5745	5725
B	5733	5752	5771	5790	5809	5825	5847	5866
E	5705	5685	5665	5665	5885	5905	5905	5905
F	5740	5760	5780	5800	5820	5840	5860	5880
R	5658	5695	5732	5769	5806	5843	5880	5917

Button control definitions

- Long press for 2 seconds, the LED indicator will start switching from channel, band and power repeatly (red for

power, blue for channel, green for band)

2. Long press for 2 seconds until the blue indicator is ON for channel setup. Short press to switch channel. When CH1 is selected, the indicator flashes once; when CH2 is selected, the indicator flashes twice, and so on.
3. Long press for 2 seconds until the green indicator is ON for band setup. Short press to switch band (A->B->E->F->R->A repeatly). When Band A is selected, the indicator flashes once; when Band B is selected, the indicator flashes twice, and so on .
4. Long press for 2 seconds until the red indicator is ON for power setup . Short press to switch power (25mw->100mw->200mw->400mw->PIT , 25mw repeatly). When 25mw is selected, the indicator flashes once; when 1 00mw is selected, the indicator flashes twice, and so on. The red indicator will be solid at Pit mode.
5. When the drone arms, long-press in advance to directly enter PIT mode.



Company: Lotus NL B.V

Address: KoningIn Julia~plein 10, le Verd, 2595M, The Hague, Netherlands.

E-mail: peter@lotusnl.com

Tel: +31644168999



MADE IN CHINA



Documents / Resources

	EACHINE Eachine Nano V3 VTX [pdf] User Manual EACHINE, Nano, V3, VTX
---	---