NanoVNA-F Quick start guide - Firmware 0.1.x

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Release: 2.0

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DISPLAY

- TRACE → Select a trace to modified the format, scale and so on → TRACE 0 / TRACE 1 / TRACE 2 / TRACE 3 / < BACK → SELECT / OFF
- FORMAT → LOGMAG / PHASE / DELAY / SMITH / SWR / > MORE / < BACK → POLAR / LINEAR / REAL / IMAG / RESISTANCE / REACTANCE / < BACK
- SCALE → SCALE/DIV / REFERENCE POSITION / ELECTRICAL DELAY / < BACK → Keypad
- CHANNEL → S11 REFLECT / S21 THROUGH / < BACK
- TRANSFORM → TRANSFORM ON / LOW PASS IMPULSE / LOW PASS STEP / BANDPASS / WINDOW / VELOCITY FACTOR / < BACK → MINIMUM / NORMAL / MAXIMUM / < BACK → Keypad
- < BACK

MARKER

SELECT MARKER / SEARCH / OPERATIONS / SMITH VALUE / < BACK

- SEARCH → MAXIMUM / MINIUM / SEARCH < LEFT / SEARCH > RIGHT / TRACKING / < BACK
- OPERATIONS → > START / > STOP / > CENTER / > SPAN / > EDELAY / < BACK
- SMITH VALUE → LIN / LOG / Re+Im / R+Xj / R+L/C / < BACK

MARKER 1 / MARKER 2 / MARKER 3 / MARKER 4 / ALL OFF / DELTA / < BACK

STIMULUS

START / STOP / CENTER / SPAN / CW FREQ / PAUSE SWEEP / < BACK → Keypad

CAL

CALIBRATE / SAVE / RESET / CORRECTION / < BACK

- SAVE → SAVE 0 / SAVE 1 / SAVE 2 / SAVE 3 / SAVE 4 / < BACK
- CALIBRATE → OPEN / SHORT / LOAD / ISOLN / THRU / DONE / < BACK → SAVE 0 / SAVE 1 / SAVE 2 / SAVE 3 / SAVE 4 / < BACK

RECALL

RECALL 0 / RECALL 1 / RECALL 2 / RECALL 3 / RECALL 4 / < BACK

CONFIG

TOUCH CAL / TOUCH TEST / SAVE / ABOUT / LANGSET / < BACK

- LANGSET → ENGLISH / CHINESE / < BACK
- ABOUT →

4.20V

NanoVNA-F

Cx
D
R
S
T
X

WWW.DEEPELEC.COM
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github.com/flyoob/NanoVNA-F
groups.io/g/nanovna-f
Facebook Group : NanoVNA-F
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START 50.000 kHz STOP 1000.000 000 MHz

If calibration is available, the CAL status will be displayed.
Otherwise, it is hidden. C * is in the state where an unsaved calibration is applied(it disappears from memory when the power is turned off).

C0 to C4 Indicates that the saved calibration values are applied to one of the save locations. Saved or Unsaved will change when calibration data is properly saved.

The letters below C indicate that the following error terms have been applied.
D: Directivity, R: Reflection Tracking,
S: Source Match, T: Transmission Tracking and X: Isolation

	Status	Red	Blue	
Charge	charging	Blink	OFF	After turning off the power, the blue light stays on for about 40 seconds, and then goes out.
	full	ON	OFF	
Discharge	discharging	OFF	ON	
	low battery	OFF	Blink	

Deepelec Store

7	8	9	G	Done
4	5	6	M	
1	2	3	k	
0	.	←	x1	

Backspace & Exit