



ELAD FDM-DUOr Quick Start Guide: Stand Alone

Refer to Elad repository website <http://sdr.eladit.com/> for latest user manuals, software and firmware updates.



Short Pressure/Long Pressure

Each key have a different function if it is pressed for a short or a long time. Modify this time in the system menu 71 "Hold Time".

Select a band

Keep pressed the **F1** key until the desired frequency/band appears on the LCD display, then release the key and the current VFO is set to the frequency and mode saved in the memory channel 180 - 199.

Change Mode

Push the **MODE** key to change the operating mode.

Modify the system settings

Push the **MENU** key. Turn **E2** to select the parameter, push **E2** to display the parameter value, then turn **E2** to modify the parameter value. Push again **E2** to save the setting and the **MENU** key to exit.

Tune a frequency

Use the **main knob** to set the current VFO frequency. Apply a long pressure on the main encoder to enter the "Digit by Digit Tuning Mode".

Digit by digit tuning mode

In this mode use the **main knob** to modify the selected digit and **E1** or **E2** to change witch digit you want to modify. Apply a short pressure on **main knob** to return in the standard tuning mode.

Change the tuning step

Push the **main knob** to enter the step selection menu, turn the **main knob** to select the tuning step preset. Push the **main knob** to save.

Toggle between two tuning step

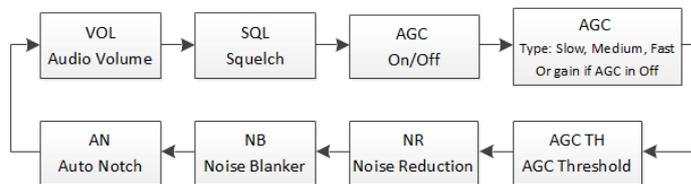
Push the **S** key to use the frequency step selected in the menu 7 "Quick Step", press again the **S** key to use the previous frequency step.

Use of E1 and E2 Knobs

Turn: modify the selected parameter

Short press: change parameter selection

E1 knob

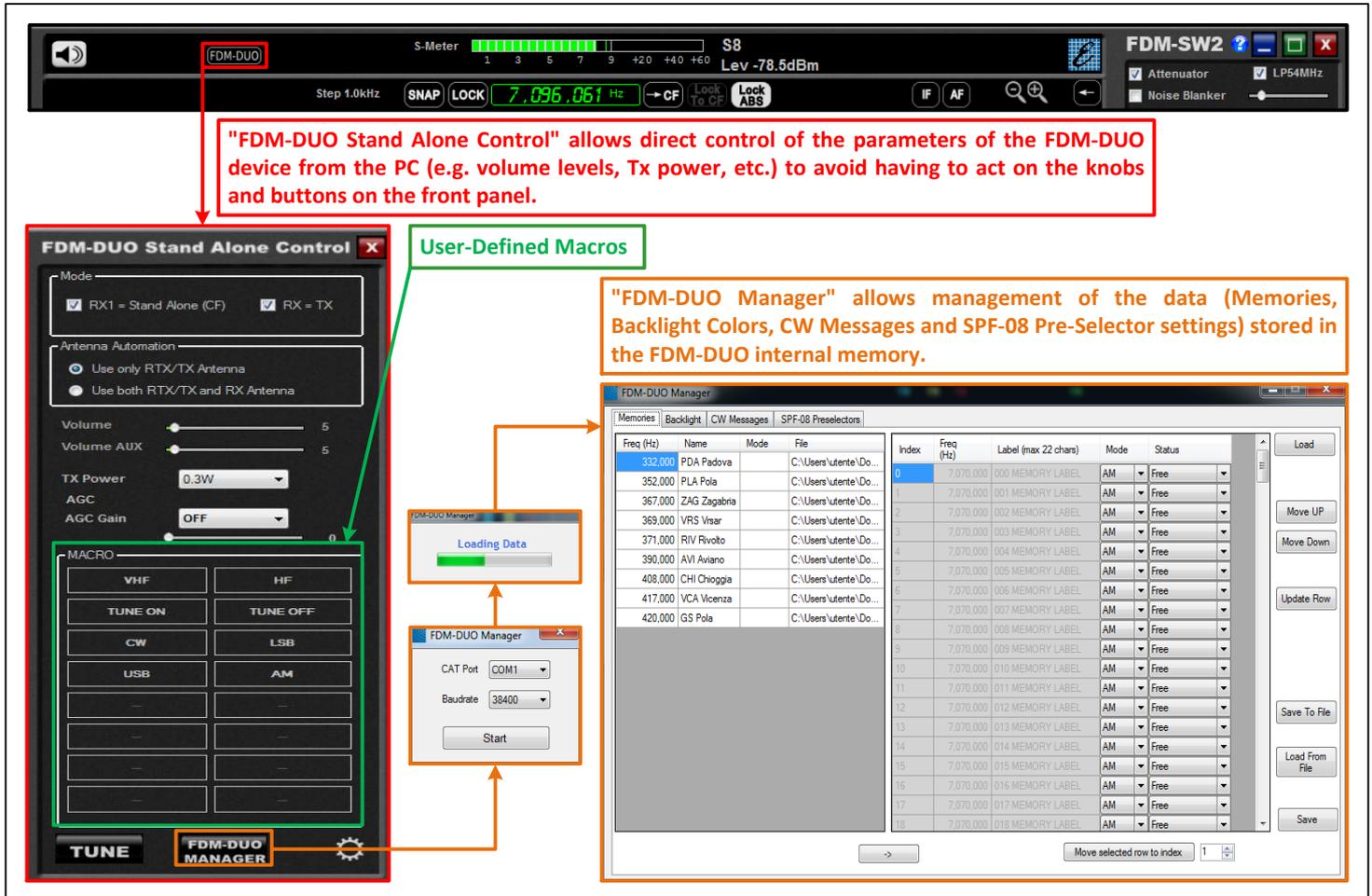


E2 knob



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Features Available with ELAD FDM-SW2 Software (Ver. 1.88 or Greater)



The screenshot displays the ELAD FDM-SW2 software interface. At the top, the main control bar shows the S-Meter, frequency (7.096.061 Hz), and various control buttons like SNAP, LOCK, and CF. A red box highlights the 'FDM-DUO' button in the top left corner.

A red-bordered text box explains: **"FDM-DUO Stand Alone Control" allows direct control of the parameters of the FDM-DUO device from the PC (e.g. volume levels, Tx power, etc.) to avoid having to act on the knobs and buttons on the front panel.**

The 'FDM-DUO Stand Alone Control' window is shown on the left, featuring settings for Mode (RX1 = Stand Alone (CF), RX = TX), Antenna Automation, Volume, TX Power (0.3W), and AGC. A 'MACRO' section contains buttons for VHF, HF, TUNE ON, TUNE OFF, CW, LSB, USB, and AM. A green-bordered text box labeled 'User-Defined Macros' points to this section.

The 'FDM-DUO Manager' window is shown on the right, displaying a table of memories. An orange-bordered text box explains: **"FDM-DUO Manager" allows management of the data (Memories, Backlight Colors, CW Messages and SPF-08 Pre-Selector settings) stored in the FDM-DUO internal memory.**

Index	Freq (Hz)	Label (max 22 chars)	Mode	Status
0	7.070.000	000 MEMORY LABEL	AM	Free
1	7.070.000	001 MEMORY LABEL	AM	Free
2	7.070.000	002 MEMORY LABEL	AM	Free
3	7.070.000	003 MEMORY LABEL	AM	Free
4	7.070.000	004 MEMORY LABEL	AM	Free
5	7.070.000	005 MEMORY LABEL	AM	Free
6	7.070.000	006 MEMORY LABEL	AM	Free
7	7.070.000	007 MEMORY LABEL	AM	Free
8	7.070.000	008 MEMORY LABEL	AM	Free
9	7.070.000	009 MEMORY LABEL	AM	Free
10	7.070.000	010 MEMORY LABEL	AM	Free
11	7.070.000	011 MEMORY LABEL	AM	Free
12	7.070.000	012 MEMORY LABEL	AM	Free
13	7.070.000	013 MEMORY LABEL	AM	Free
14	7.070.000	014 MEMORY LABEL	AM	Free
15	7.070.000	015 MEMORY LABEL	AM	Free
16	7.070.000	016 MEMORY LABEL	AM	Free
17	7.070.000	017 MEMORY LABEL	AM	Free
18	7.070.000	018 MEMORY LABEL	AM	Free

The 'FDM-DUO Manager' window also includes a 'Loading Data' progress bar and a 'Start' button. A 'Loading Data' window is shown in the middle, indicating the process of loading data from the device.

NB: user manuals and softwares are provided on an USB flash drive supplied together with cables assembly bag. Use this USB flash drive also to proceed with firmware upgrades.