



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

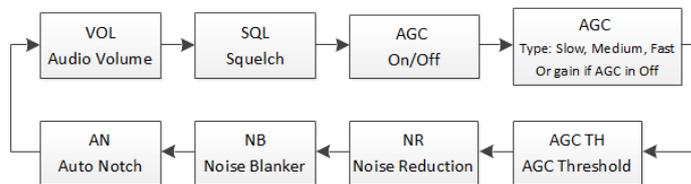
Push the **S** key to use the frequency step selected in the menu 7 "Quick Step", press again the **S** key to use the previous frequency step.

Use of E1 and E2 Knobs

Turn: modify the selected parameter

Short press: change parameter selection

E1 knob

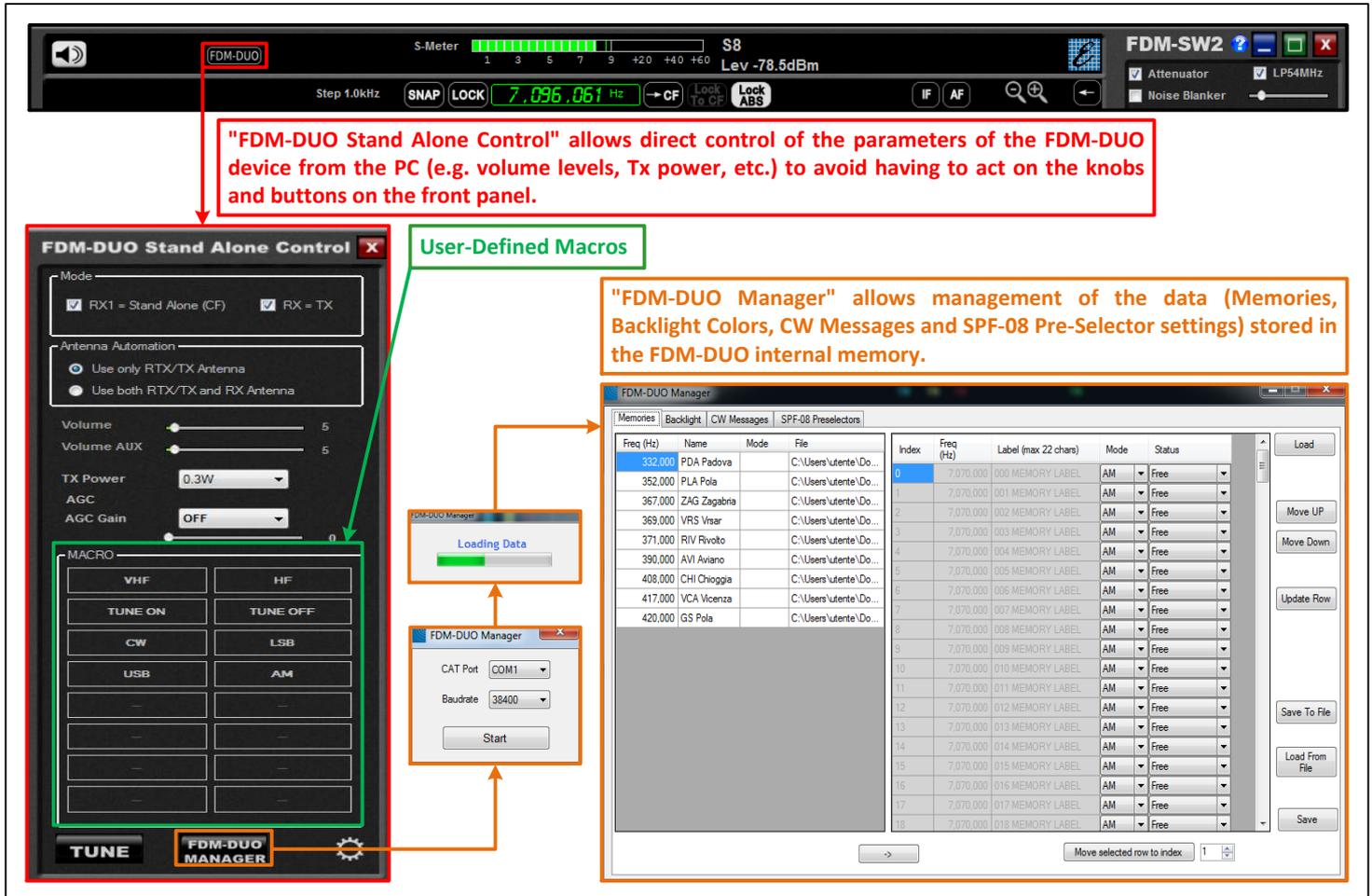


E2 knob



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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 FDM-DUO status, S-Meter, and various control buttons like SNAP, LOCK, and CF. Below this, two main windows are highlighted:

- FDM-DUO Stand Alone Control:** This window allows for direct control of the device parameters. It includes settings for Mode (RX1 = Stand Alone (CF), RX = TX), Antenna Automation (Use only RTX/TX Antenna or Use both RTX/TX and RX Antenna), Volume (Volume and Volume AUX), TX Power (0.3W), AGC (AGC Gain OFF), and a MACRO section with buttons for VHF, HF, TUNE ON, TUNE OFF, CW, LSB, USB, and AM. A gear icon labeled "FDM-DUO MANAGER" is located at the bottom right of this window.
- FDM-DUO Manager:** This window manages data stored in the device's internal memory. It features a table with columns for Freq (Hz), Name, Mode, and File. The table lists various memory slots, including PDA Padova, PLA Pola, ZAG Zagabria, VRS Vrsar, RIV Rivolto, AVI Aviano, CHI Chioggia, VCA Vicenza, and GS Pola. A second table below shows memory slots indexed from 0 to 18, each with a frequency of 7.070.000 Hz and a label like "000 MEMORY LABEL". The status for each slot is "Free".

Annotations in the image provide further details:

- A red box highlights the "FDM-DUO" label in the top bar, with a text box stating: "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.
- A green box highlights the "User-Defined Macros" section in the FDM-DUO Stand Alone Control window.
- An orange box highlights the FDM-DUO Manager window, with a text box stating: "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.

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.