

## ELAD DUO-ART - RELEASE STATUS

### Current release :

**November 20, 2019**

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.70</b> Date: 11/20/2019	<ul style="list-style-type: none"> <li>Performed several minor graphics corrections.</li> <li>Improved network management regarding server connection control.</li> <li>The TUNE menu is now deactivated if the ATU is not enabled.</li> <li>Fixed minor problem with screensaver management.</li> <li>Fixed problem on menu 40 "Spectrum Settings", some negative values could not be set.</li> <li>The last menu used is now remembered.</li> <li>Improved management of serial communication errors with the FDMDUO and FT-817 interfaces.</li> <li>Menu 90 "Factory Default" no longer erases memory bank data and tuning data.</li> </ul>

NB: changes compared to previous release are **highlighted in yellow**.

### Previous releases :

**June 11, 2019**

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.61</b> Date: 06/11/2019	<ul style="list-style-type: none"> <li>Added improvements to network communication.</li> <li>Added improvements to internal communication.</li> <li>Fixed minor issues related to visualization.</li> </ul>

**April 24, 2019**

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.54</b> Date: 04/24/2019	<ul style="list-style-type: none"> <li>Modified menu 6 "Remote Password" to allow generation of another password.</li> </ul>

**April 23, 2019**

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.53</b> Date: 04/23/2019	<ul style="list-style-type: none"> <li>Added support for the CW functionality of the EladRemote software.</li> <li>Added improvements in hardware management.</li> </ul>

**March 22, 2019**

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.46</b> Date: 03/22/2019	<ul style="list-style-type: none"> <li>Added menu 25 "DUO PTT Out" in the TUNE menus group. This new menu allows to manage menu 56 "TUNE PTT" of the FDM-DUO. Choices are : <ul style="list-style-type: none"> <li>"Force To No" : force to NO the menu 56 of the FDM-DUO,</li> <li>"Not Force" : don't touch the value of the menu 56 of the FDM-DUO.</li> </ul> </li> <li>Improved the frequency synchronization with the FDM-DUO.</li> <li>"Spectrum" menus are now in the same menu : menu "40 Spectrum Settings", and settings can be set separately for each band.</li> <li>Added waterfall visualization with related menus : enable, position, scroll type, min and max dBm values.</li> <li>Added tune data information on the right of the display, information are related to the current frequency and the selected antenna : <ul style="list-style-type: none"> <li>"Tune Data Loaded" : tuning has already been made and tune data are in use (no tuning needed),</li> <li>"No Tune Data Available" : no tune data have been found and no tune data are in use (tuning is needed),</li> <li>"Antenna Tuner Bypassed" : the antenna tuner is bypassed (ATU bypass can be removed to check the Tune Data state, i.e. "Loaded" or "Not Available").</li> </ul> </li> <li>Tested for remote control.</li> </ul>

**February 15, 2019**

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.34</b> Date: 02/15/2019	<ul style="list-style-type: none"> <li>Modified the menu 2 "Rx Filters Settings", the single frequencies are now settable.</li> <li>Improved tuning management. Tuning does not start if the input power is not sufficient, in this case the warning message "Auto Tune Low Pwr" is displayed.</li> </ul>

**December 20, 2018**

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.27</b> Date: 12/20/2018	<ul style="list-style-type: none"> <li>Fixed tuning management issue when started by the FDM-DUO.</li> <li>Fixed PwrIn field management issue in the memory bank window.</li> </ul>

**December 6, 2018**

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.26</b> Date: 12/06/2018	<ul style="list-style-type: none"> <li>Fixed attenuators management issue at startup.</li> <li>Changed the visualization of the versions in the Information Window.</li> </ul>

### November 27, 2018

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.25</b> Date: 11/27/2018	<ul style="list-style-type: none"> <li>Fixed screensaver management issue.</li> <li>Fixed fan management issue.</li> <li>Fixed preselectors management issue.</li> <li>Improved the visualization and the management of the Memory Bank Window fields.</li> <li>Fixed fan management issues.</li> <li>Added the possibility to turn off the unit by a long press when the Information Window is displayed.</li> </ul>

### November 6, 2018

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.20</b> Date: 11/06/2018	<ul style="list-style-type: none"> <li>Added the possibility to turn off the unit by a long press when the Memory Bank Window is displayed.</li> <li>Added menu 32 "View on TX" that allows to choose the View displayed during transmission.</li> <li>Added several improvements regarding low-level communication with the FDM-DUO.</li> <li>Fixed fan management issues.</li> <li>Added improvements in the ATU management.</li> </ul>

### August 3, 2018

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.7</b> Date: 08/03/2018	<ul style="list-style-type: none"> <li>Added improvements in the ATU management.</li> </ul>

### August 2, 2018

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.5</b> Date: 08/02/2018	<ul style="list-style-type: none"> <li>Selected View is now remembered after power cycle.</li> <li>Improved software update management.</li> <li>The power set in the Memory Bank Window is now send to the FDM-DUO, if the related AmpEnable setting is On.</li> <li>Added the menu "FAN CONTROL – Work Mode" that have two choices : <ul style="list-style-type: none"> <li>High Performance : fan at 100% during Tx, lower temperature limits,</li> <li>SSB : fan not at 100% during Tx, higher temperature limits.</li> </ul> </li> </ul>

### July 10, 2018

<b>Firmware (FW)</b>	Version: <b>1.2</b> Date: 06/28/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.2</b> Date: 07/10/2018	<ul style="list-style-type: none"> <li>Fixed issues in tune-up management.</li> <li>Corrected various user interface writings.</li> <li>Added security checks on the PTT input.</li> <li>Improved temperature management.</li> </ul>

### June 27, 2018

<b>Firmware (FW)</b>	Version: <b>1.1</b> Date: 06/27/2018	<ul style="list-style-type: none"> <li>Added improvements in hardware management.</li> </ul>
<b>Software (UI)</b>	Version: <b>1.0</b> Date: 06/27/2018	<ul style="list-style-type: none"> <li>First v1.xx release.</li> </ul>

### June 19, 2018

<b>Firmware (FW)</b>	Version: <b>1.0</b> Date: 06/19/2018	<ul style="list-style-type: none"> <li>First v1.xx release.</li> </ul>
<b>Software (UI)</b>	Version: <b>0.65</b> Date: 06/19/2018	<ul style="list-style-type: none"> <li>Menu order reorganized .</li> </ul>

### June , 2018

<b>Firmware (FW)</b>	Version: <b>0.x</b> Date: 06/-/2018	<ul style="list-style-type: none"> <li>Beta version.</li> </ul>
<b>Software (UI)</b>	Version: <b>0.x</b> Date: 06/-/2018	<ul style="list-style-type: none"> <li>Beta version.</li> </ul>