

◆— FT-2000 / FT200D Firmware Upgrade Changes —◆

- ① Yaesu released Version 0142 Main CPU and Version 11.39 DSP software upgrades in January of 2009. The software upgrades can be downloaded free of charge from the Yaesu web page:

Go to the Yaesu web page <http://www.yaesu.com/> and go to the FT-2000 product page. When there, click on the **FILES** tab to be able to download the software update and its documentation. Radios delivered after January, 2009 should already come with the upgrade installed.

The following notes detail how the firmware upgrade has affected the MiniManual.

◆— Operational Changes —◆

1. ① **Menu 15 diSP LVL IND** was added, which allows you to enable or disable the display of the values of several knobs while they are being adjusted. While the knobs are being adjusted, the value of the settings will be displayed in the VFO-B area. Factory defaults are for all knobs to have their values displayed while being adjusted. New procedure is below:

Enabling / Disabling Sub-Band Display of Knob Values as they are Adjusted

1. Use **Menu 15 diSP LVL IND** to either enable **E**, or disable **d** the display of the following knob values as they are being adjusted: **PI** PITCH, **SP** SPEED, **CO** CONTOUR, **nO** NOTCH, **dn** DNR, **Cd** CW DELAY, **Ud** VOX DELAY.
 2. Rotate [**SUB VFO-B**] to select the knob function to be enabled or disabled.
 3. Press [**ENT**] to either enable or disable display of that knob's adjustment values.
2. ① **Menu 31 GEnE CAT IND** was added, which enables / disables LED flashes in the [**CS**] switch when computer interface CAT commands are being received. The default condition is ON, which should be acceptable for most folks.
3. ① The attenuation range of the Equalizer Level settings was increased from -10 to +10dB to -20 to +10dB. They also optimized the factory default settings for these parameters. These are the **LVL** menus in the **Transmit Audio Equalizer** section of the menus found on page 20 of this MiniManual.
4. ① They also made a number of fixes or improvements to a few items that don't affect operational instructions. I won't detail those here, refer to the Yaesu upgrade documentation mentioned above.
5. ① From a performance standpoint, the DSP 11.39 improvements are a big deal, because you get the improved DSP performance that was developed for the FTdx9000. I would install the new firmware just to get the improved DSP performance. However, none of the DSP changes affect the operational procedures, you just get better results by doing what you already would have done in the prior version of software. The Yaesu documentation itemizes these changes.
6. ① The biggest impact to the Mini-manual, is that all references to menu numbers after **Menu 14** have changed because Yaesu inserted two new menus in the "middle" of the menu sequence that was already there. However, menu names remain the same, and if you understand that the menu numbers have been increased by 1 after **Menu 15**, and by 2 after **Menu 15** its fairly simple to find what you want when scrolling through the FT-2000's menu system.