



# *DDUtil v3 - Release Notes*

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**VERSION: 3.2.3.00**

**Release date:** 2016-3-1

**Smart SDR/Cat compatibility:** 1.6.21

## *Introduction*

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This software is released and intended to be used with the following **FlexRadio Systems** radios:

**Legacy** – F1500, F3000 and F5000.

**Signature** – 6300, 6500, 6700 and 6700R.

Additional radios utilizing 3<sup>rd</sup> party modified versions of **PowerSDR** software may also be used, but without author support or any guarantee of functionality.

## *Upgrading to this Software Release*

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This Software Release is available via **DDUtil's** automatic update feature, the **DDUtil** Help menu or from the **DDUtil Wiki** download page.

<http://k5fr.com/DDUtilV3wiki/index.php?title=Download>

This new release may be installed over any existing release without uninstalling or removing any files.

User settings and other files are preserved in special directories other than the install directory.

While **DDUtil** can be installed in any directory it is recommended to use the default directory specified by the installer (C:\DDUtil\_V3) for documentation and compatibility purposes.

Please report any bugs/defects to the **DDUtil Yahoo Group**.

<http://groups.yahoo.com/neo/groups/DDUtil/info>

## *Known Bugs and Limitations*

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This is considered Beta software and as such may have bugs/defects that can cause your computer to become unstable and/or crash. If you don't feel comfortable using Beta software you might consider using **DDUtil v2** which is considered mature software. But, you'll miss all the fun too.



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## Defects, Enhancements & New Features

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### MACRO COMMANDS

- Added **DD6DOS** (Set DSP Offset)  
DD6DOSn:{L|U}:offset n = slice 0-7, 9 L = DIGL U = DIGU  
DD6DOS9:U:+1500; Sets the DSP offset for DIGU to +1500 Hz  
DD6DOS9:L:1500; Sets the DSP offset for DIGL to -1500 Hz
- Revised **DD6FIL** and **DD6SSF** to set the DSP filter offset when executed.
- Revised **DD6FIL** & **DD6SMS** mode descriptors to accept all Flex modes. Please note the mode index is now 2 characters as follows:

00 = LSB  
01 = USB  
04 = CW (02 & 03 may also be used)  
05 = FM  
06 = AM  
07 = DIGU  
09 = DIGL  
10 = SAM  
11 = NFM  
12 = DFM  
20 = FDV  
30 = RTTY  
40 = DSTR

A typical macro would be **DD6FIL9:07:+1500:01000**; which will set the active slice to DIGU with a filter width of 1000 Hz centered at 1500 Hz above the center frequency.

- Added **DD6PMC** (Set Mic Profile)  
DD6PMC:{name}  
DD6PMC:micprofile name;
- Added **DD6PRG** (Set Panadapter Preamp Gain)  
DD6PRGn:x n = panadapter; x = gain setting (1-3 digits)  
DD6PRG0:-10; Sets panadapter #1 to -10 db negative gain  
DD6PRG0:0; Sets panadapter #1 to 0 db unity gain  
DD6PRG0:30; Sets panadapter #1 to 30 db positive gain
- Revised **DD6PTX** (Set TX Profile)  
DD6PTX:{name}  
DD6PTX:txprofilename;

See the wiki Cat article for complete usage information.

<http://k5fr.com/DDUtilV3wiki/index.php?title=CAT>



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## MISC

- Added temporary fading error message to the System Tray area (right lower screen) when Macro command structure is defective. **Note:** hover the cursor over the message to prevent fading.
- Added new annunciator to the **Misc** form:  
**Wide Noise Blanker (wnb)** On/Off toggle
- Added **RTTY** check box to **Auto Drive Expert** settings for amps 1 & 2.
- Added a method to select the correct **USB-8 Relay Board** when multi generic **FTDI USB** devices are present in the system. See the following wiki article for information.  
[http://k5fr.com/DDUtilV3wiki/index.php?title=USB-8\\_Relay\\_Board#Troubleshooting](http://k5fr.com/DDUtilV3wiki/index.php?title=USB-8_Relay_Board#Troubleshooting)
- Reworked **Repeater** ports 1/2 to correct a defect that didn't acknowledge the **VFO B** check box option.
- Added **CI-V Fm Addr** check box to **Passive Listener** group on the **Features** tab. Set this control to **33** if Slave Radio is an **Icom** or **5C** if CI-V hardware is attached (THP amp, Palstar AT-AUTO, others).
- On the **Misc Form** added a check box to the **Split** controls that will lock **Slice B** to **Slice A** if selected. When the **Split** button is engaged (yellow) and the check box (next to it) is selected **VFO B** will track **VFO A**. This feature best used if **VFO B** is in a different panadapter than **VFO A**. This control is **NOT** persisted between **DDUtil** sessions.

- Added **VFO B** check box to the **Passive Listener** group (Port tab). When this check box is selected **DDUtil** will pass the frequency (and mode if selected) of **SDDR or PSDR VFO B** to the **Passive Listener** client. If the client is a radio this frequency goes to the radio's **VFO A**.



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## *Application Notes*

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None for this revision.

## *End-User License Agreement*

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**DDUtil** (Data Decoder Utility) a software product.

### **General**

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[http://k5fr.com/DDUtilV3wiki/index.php?title=Main\\_Page](http://k5fr.com/DDUtilV3wiki/index.php?title=Main_Page)