

DDUtil v3 - Release Notes

VERSION: 3.2.0.00

Release date: 2015-3-26

Smart SDR/Cat compatibility: 1.4.1

Introduction

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 3rd party modified versions of **PowerSDR** software may also be used, but without author support or any guarantee of functionality.

Upgrading to this Software Release

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

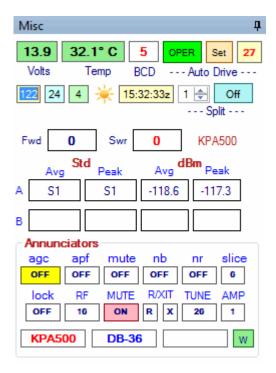
This new release may be installed over any existing release without uninstalling or removing any files. User settings and other files are preserved in special directories other than the install directory. While **DDUtil** can be installed in any directory it is recommended to use the default directory 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



Defects, Enhancements & New Features

NEW ANNUNICATOR GROUP

A new **Annunciators** group has been added to the **Misc** form. This group is for **F6K** users to see and manipulate some of the **SSDR** controls not readily available or unhandy due to their location or operating position.



These controls are actually buttons that will toggle on/off functions or step through option ranges of some controls like AGC, Slice, RF Gain and Amp. When activated most buttons turn a light pink to show they are on. RF, Slice and Amp do not change color as they step through ranges of values.

Lower case button titles indicate slice functions and Upper case titles indicate a global function of the radio or panadapter, i.e. **Mute** is speaker audio mute (all slices) and **mute** is active slice audio mute. The slice functions apply to the **active** slice only.

Notes:

- 1. Virtually, all controls have a **Tool Tip** that describes their function, These Tool Tips can be seen by hovering the cursor over the control of interest.
- 2. Users not wanting to see or use this new feature can grab the bottom border of the Misc form and drag it up to cover as much as they wish to not see.

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MACRO COMMANDS

- Added DD6AGC (sets AGC-T mode) DD6AGC{0-7|9}:{0-3} DD6AGC0; set slice "A" AGC Mode to FAST
- Added DD6APF(set APF on/off) DD6APF{0-7|9}:{0|1} DD6APF0:1; turns slice "A" APF on
- Added DD6APG (sets APF Gain) DD6APG{0-7}:{000-100} DD6APG0:050; sets the "A" APF Gain to 50
- Added DD6AUM (Slice Audio Mute) DD6AUM{0-7|9}:{0|1} DD6AUM0:1; mutes slice "A" audio
- Added DD6NBG (slice noise blanker gain) DD6NBG{0-7}:{000-100} DD6NBG0:050; sets the "A" NB Gain to 50
- Added DD6NRG (slice noise reduction gain) DD6NRG{0-7}:{000-100} DD6NRG0:050; sets the "A" NR Gain to 50
- Added DD6SAP (slice audio play on/off) DD6SAP{0-7|9}:{0|1} DD6SAP0:1; turns slice "A" play on
- Added DD6SAR (slice audio record on/off) DD6SAR{0-7|9}:{0|1} DD6SAR0:1; turns slice "A" audio record on
- Added DD6SDC (slice DAX channel) DD6SDC{0-7|9}:{0-9} (channel 0 = None) DD6SDC0:2; sets slice "A" DAX channel to 2

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<u>MISC</u>

- Fixed **ZZMU** Cat command throwing errors.
- Fixed mode on **DDUtil** title bar not changing when band is changed.
- Added AF MARS frequencies to Auto Drive table.
- Fixed Auto Drive BOBC option bug.
- Added Auto Drive power window to Misc form (top row R/H window).
- Added 60 meters to Barefoot Auto Drive settings.



Application Notes

None for this release.

Known Bugs and Limitations

General

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.

End-User License Agreement

DDUtil (Data Decoder Utility) a software product.

General

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