

## One Plug Software Revision Log

2007/06/05

Version 1.0.3

Problems resolved: Uses 588SW Version 1.014 and up

- \* Preset Memory buttons that you can enable from the CONSOLE and will be similar to the Frequency Memories, 16 of them that you can quickly jump to. Similar to others band stack mode buttons.

- \* Added "RIP on CONNECTION" checkbox to NETCONFIG.

Allows you to automatically RIP if connection is established.

- \* Moved the "More" stuff to a new form. This way you can move it where you want it.

- \* Made the CONSOLE window resize-able.

This makes it easier to expand the size of the window for those with higher resolution monitors, making it easier to read, and the control items more spread apart.

- \* Made the set frequency also get the antenna and pre-amp statuses, so that if they change per band, then you will see the new antenna selection on the One Plug gui.

- \* Made several changes to the installer to help it work better with Vista and/or broken registry issues we have seen on several different computers.

- \* Several bug fixes relating to RIP and TRIP quality of service.

- \* Added "CONTROLS" button to CONSOLE. Allows you to setup the functionality for F1, F2, F3, Page Up and Page down.

- \* Fixed problem with setting memories causing it to stop RIPing.

- \* Resolved SWR displayed output to LOW if the transmitted power is negligent compared to selected power level. (aka 9.9:1 bug)

- \* Made PC Volume and Radio Volume adjustments able to be frozen.

Click on named text, and then you can't adjust it anymore.

- \* Added way to clear the CW Typeahead buffer in both One Plug and also whatever is queued up in the radio.

- \* Cursor keys now have full time dedicated functions, except when they are in focus of an adjustment item that requires their focus to be editing:

Cursor Up - Increase to next step size

Cursor Down - Decrease to next lower step size

Cursor Right - Increase VFOA Frequency by current Step Size

Cursor Left - Decrease VFOA Frequency by current Step Size

2007/07/19

Version 1.0.4

REQUIRES 588 SW Version 1.017 and up

Problems Resolved:

- \* Added text and HELP box in NETCONFIG referring to 6 UDP ports

- \* Added graceful handling of selecting a UDP port that is already in use by another program.

- \* Couldn't type in values in PBT frequency in 1.0.3

- \* Removed TAB and shift-TAB navigation, it was erratic

- \* Add "Use OMNI-VII MIC/LINE Inputs" select for tx audio source

When selected, "TX AUDIO SRC" selections are "RIG MIC" and "RIG LINE"

Permits using the mic input or line input on the OMNI-VII for the transmit audio source when controlling the rig via the Ethernet.

When deselected, "TX AUDIO SRC" changes to "PCMIC GAINED BY" and its selections are "RIGGAINA" and "RIGGAINB"

- \* RIT not consistently working correct

- \* Added RIP and TRIP Compression support
- \* Added Double TRIP for fast networks that still drop packets
- \* Added SPOT to the function keys
- \* Changed TAB sequence in Netconfig
- \* Disable TUNE while in transmit
- \* Disabled Transmit while in TUNE
- \* Disabled TUNE if transmit is disabled
- \* Sporadic SPLIT, RIT/XIT and memory recalls using F1/F2/F3 keys
- \* Added Remote control of DISPLAY AT RIG ON / OFF
- \* Added VOX On/OFF control to One Plug when using the Rigs physical Mic/Line inputs

2007/08/13

Version 1.0.5                   REQUIRES 588 SW Version 1.017 and up

Problems Resolved:

- \* Added ALC Bar under S-Meter/PwrMeter for Voice Modes
- \* Allow CWType Text to be entered continuously without stopping
- \* Add Mute AT RIG control
- \* Modified Installer to overwrite existing UDP588.exe  
Eliminates requirement for user to uninstall existing version before installing this new version
- \* Numerous changes to improve RIP and TRIP performance
- \* Added monitor for end of TRANSMITs, if it is suppose to be off, then send TRIP off again

2007/09/13

Version 1.0.6                   REQUIRES 588 SW Version 1.017 and up

Problems Resolved:

- \* LEDs and Power/Smeter readouts update after changing from RX to TX takes too long
- \* Pressing PTT sometimes locks up One Plug
- \* PCMicGain doesn't resize when resizing the CONSOLE window
- \* RIP stutters when One Plug is closed down
- \* Improvements to TRIP
- \* Added Ability to choose whether to Lock Transmit packets to the Receive packet timing of the rig. Locking improves reliability of transmit using TRIP at the expense of network bandwidth
- \* Added F12 Key press to start/stop transmits
- \* Resolved keypad input synchronization issues for entering a frequency
- \* Improved Transmit TRIP audio (works best with 588 Firmware 1.019)

2007/12/05

Version 1.0.7                   REQUIRES 588 SW Version 1.017 and up

Problems Resolved:           Works best with 1.024 and up Firmware

- \* Included MSCOM and MSWINSOCK for installations that don't have them yet
- \* Improved RIP Reliability
- \* Improved TRIP Reliability
- \* Modified Signal Strength and Power Meters to work from RIP Data.  
Faster and more reliable.

2009/03/12

Version 1.0.8                   REQUIRES 588 SW Version 1.017 and up

Problems Resolved:           Works best with 1.027 and up Firmware

- \* Improved RIP Reliability
- \* Improved TRIP Reliability
- \* Enabled 610 Connection, Enumeration and Control

2009/08/23

Version 1.0.9                   REQUIRES 588 SW Version 1.017 and up

Problems Resolved:           Works best with 1.027 and up Firmware

- \* Improved 610 controls       Works best with 1.02 of 610 Firmware
- \* Remove "Cancel" Button in CWType when One Plug is queueing Characters to the OMNI-VII
- \* Handle PrtScreen key press as a Transmit On function
- \* Handle End key press as a terminate any transmit mode function
- \* Resolve CWType key press logic issues
- \* Add TX On / Off toggle as F1, F2, F3 functionality in Controls menu
- \* Shift Left Arrow decrements main frequency by 10\* step size
- \* Shift Right Arrow increments main frequency by 10\* step size
- \* When 610 is enabled, display "KEYER VOLUME" in CONSOLE
- \* Added Keyer Volume to adjust the volume of the keyer sidetone in the 610
- \* Increase # of times RIP command is sent at transitions to handle network drops
- \* Change updates and source links in Conact Info page to point to tentec.
- \* Remember setting on ControlsIF for 610 enabled or disabled
- \* Improve various form to form transitions

2010/01/28

Version 1.0.10                REQUIRES 588 SW Version 1.017 and up

Problems Resolved:           Works best with 1.027 and up Firmware

- \* Added Elapsed CNX Time to "MORE" display
- \* Removed unused textbox when resizing the CONSOLE display larger
- \* Correct the startup position for PRESET MEMORIES display so it shows on the screen when the right side of the CONSOLE would have pushed it off the displayable screen
- \* Corrected installation/default directory so that ONE PLUG can be installed in any directory on the computer. Need to ensure that any short cuts created field for "Start In" points to the installed directory where the UDP588.exe gets installed.

Required for Windows 7 64-bit

- \* Forced the Step check boxes to following the digits more closely when resizing One Plug.

2014/05/23

Version 1.2.00                REQUIRES OMNI-VII firmware Version 1.017 and up

Problems Resolved:           Works best with 1.036 and up Firmware

- \* Improved reliability of Ethernet audio handling
- \* Rewrote several parts of the code to help alleviate PCs that were bogged down by the activity in all of the forms during RIP/TRIP.
- \* Removed support for uncompressed RIP and TRIP, always runs as compressed audio now for both RIP and TRIP.
- \* Removed option to "Lock TRIP to RIG Timing", OnePlug is now always driven by the OMNI-VII's data packet rate for audio. Keeps them both in synch.
- \* Simplified the Ethernet Audio Handling code by removing repetitive events required to checking compression levels.
- \* Added RIP Buffer Depth Adjustment to NetConfig

Should try to run at minimum value, but can be increased when desired to help receive audio handling on networks that experience high amounts of jitter or continued loss of packets.

\* Added NetHealth % indicator to CONSOLE display.

Shows how well the last 100 packets of Receive audio have performed. 100% means that OnePlug received and processed to the sound card 100% of the audio items it was expected to receive.

<100% means that less than 100 of the expected packets have been received. It is a weighted average so that losses stay shown longer than really occur. This prevents a lost packet from going to 99% then back to 100% too fast to see visually. Located below the "START/STOP RIP" button

\* Corrected a few anomalies in the memory store/recall page.

\* Added the ability to store and recall the rig memories in the rig.

Does not affect the memories stored on the PC.

Note1: OnePlug Version 1.2.00 can be utilized with rig firmware version 1.035, but the rig memory recall/store functions will not work.

Audio streaming will work, but not as well as it does with firmware version 1.036

Note2: Firmware version 1.036 can be used with OnePlug 1.0.10,

but to use this combination, one must enable "Compress RIP", and "Compress TRIP", and "LOCK TRIP to RIG Timing" on the NETCONFIG display.

Otherwise the OMNI-VII running Version 1.036 will not RIP audio.