

## NaP3 v1.1.0 release notes:

- The database changes, write down any settings you want to save.
- Rig type changes are smoother and faster BUT reset or rename the database if you change rigs. Export the existing one first if you want to save previous settings. There will be unexpected effects otherwise - running a K3 with a Yaesu definition can make the K3 go into transmit.
- The Mode and Filter panels change appearance according to rig: K2, K3, Yaesu, Kenwood.
- The filter buttons set the rig to the preset widths with zero shift.
- K3 can read and select the I/II filter group with the last filter button.
- Yaesu can read and select the NAR filter group with the same button.
- Changing width/shift or filter group on the rig will deselect the filter button.
- It is virtually impossible to have a single set of preset values which agree with the way that all rigs handle width and shift. Users should use the right-click context to get the values that suit them best.

## BUGS OUT

- Displayed noise floor level corrected
- Incorrect RTTY span edge changes in Fixed - sorted
- K3 LO/HI adjusts 'wrong' CWL edges - sorted
- Mousewheel free spin bug corrected.
- Split TX filter edges for AM/FM - done.
- Diversity displays single passband if KRX3 enabled in K3, SDR subrx audio becomes Main only, Split will show where VFOB is.
- Database export naming corrected.
- Spanafall proportions bug: Peak reset to 50:50 without Ctrl - fixed.
- Width/Shift passband display change smoother, including K3 HI/LO changes.
- Preamp and Attenuator 'not read on startup' bug removed.
- \*\*\* Discovered a bug in K3 4.39 firmware: when changing mode the digimode will revert to that in force when the K3 was last powered up. Awaiting Elecraft attention.

## ADDITIONS

- WBIR seed calibration button in DSP tab; a bodged 'Goldilocks' routine, it works best with a signal +30dB above the rest, showing an image on the display. It can be run on a band with a signal with those characteristics; it may need running a couple of times if the signal is weak. If signals are too strong it will be overloaded and best left to normal WBIR to correct.
- Memory now only a quick memory save/restore VFOA & mode. Memory save/restore needs re-engineering to accommodate K3/Yaesu modes.
- Checkbox for CAT off in Setup for non-serial rigs.
- 'Listen through' uses Windows DirectSound, choice of output channel now available.
- Added 3.0 kHz narrowest span to make psk and 50Hz filter more visible.
- S Meter zeroes with Ctrl+wheel on top S meter button, set on 2.4kHz bw and the zero will be normalised for other bandwidths. dBm meter still reads power in the bandwidth.
- Auto CW Offset checkbox now in Options tab.
- RX3 choice back in K3 SUB context.
- -autostart, -datapath command line options.

### K3

- K3 mode buttons: repeated clicks change to ALT modes. On Data button repeated clicks change digimode, Ctrl+click changes between DATA and REV DATA - full functionality not available until K3 firmware bug has been resolved by Elecraft.
- K3 AM-s complete.
- K3 FM shifts complete.

### K2

- NaP3 should read K2 bandwidth but NaP3 filter button widths only control the SDR, the first four buttons selecting K2 filters 1 to 4..
- Non-K2 modes will rx through NaP3 but leave the K2 in the last K2 mode selected.
- RTTY uses the tones set in Configure/NaP3/Options. Hopefully the K2 bfo can reach 1kHz so lowest pair should work.

### YAESU supports FT-950/2000/5000

- Yaesu mode buttons: repeated clicks change modes. Must set RTTY tones in Configure/NaP3/Options to match rig RTTY tones.
- PKT offset automatically matches the rig offset selected in the menu.
- Polls Preamp, Atten, CW Pitch, Width, Shift.
- NAR button selects/deselects narrow filters
- Main passband drag, edge drag disabled.
- IF Offset Frequencies: may become automatic in future release if your Global IF Freq is correct (the IF-2000 drifts a bit), CWL/CWU should be +- your CW tone freq, FSKL/FSKU should be +- the centre freq of your tone pair, PKTL/PKTU should be +- the value in menu setting 055, AM/FM should be 0 (PKTFM offset = FM), LSB/USB are +-1460 here.

### KENWOOD

- CWU, FSKU have been enabled in 'TS-940' for Kenwood generic use.
- Preamplifier and attenuator settings have nominal compensation in 'TS-940'; published Kenwood data incomplete.
- All models: width/shift unsupported (Kenwood CAT commands mix width/shift and hi/lo cut according to mode.)

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