

JUMA-TRX2 SW (firmware) release OH2NLT / 2015-03-17

Version number: 1.08

Bugs fixed

- None

New features / improvements

- There was a VFO button keybounce problem with "multi VFO" especially with older TRX2. VFO button keybounce filtering is now improved.
- The default is now "multi VFO" with 9 HF bands from 1.8 MHz to 28 MHz. You can add or reduce the amount of VFOs in the CONFIG pages. Push VFO button for next band or keep VFO button pressed while turning the VFO knob up or down.
- Now there is a tone when the band is changed with the VFO knob.
- When "multi VFO" in use the split operation is now very easy. Keep the RIT button pressed for one second for XIT function. Then the RIT knob will adjust XIT frequency up for 0-8kHz. RIT is selected with short push with adjust range of +-1 kHz.
- In the previous firmware version the SWR was displayed if the SWR exceeded 3:1. When using an linear amplifier that may occur for short period and the SWR display may be activated. This automatic SWR display is now disabled in this new version.
- When entering the "Service mode" the selected VFO and the mode are now unchanged.

JUMA-TRX2 SW (firmware) release note OH2NLT / 2009-19-04

SW version / ID

Version number: 1.06

Version id:

JUMA-TRX2 Firmware v1.06, Build 19.04.2009

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Bugs fixed

- Yaesu CAT read TX status command bug fixed

- HRD use some non documented Yaesu commands. TRX2 respond with 0x00 data for unknown 0xBB commands.

New features / improvements

- TX On/Off command added to JUMA-TRX2 protocol. See protocol document
- Low frequency BPF switch points changed for better performance. Lowest filter is changed in 300kHz and next in 600kHz. Others are as before.
- TX audio filter changed from 2,678kHz to 2,586kHz
- When split mode is selected long push of VFO button copy visible VFO to another VFO. Before VFOA was always copied to VFOB.
- When three or more memories are selected memories can be browsed keeping VFO button pressed an turning encoder.

JUMA-TRX2 SW (firmware) release note OH2NLT / 2008-30-10

SW version / ID

Version number: 1.05

Version id:

JUMA-TRX2 Firmware v1.05, Build 30.10.2008

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Bugs fixed

- UART1 init code made compatible with Microchip new silicon version
- Split mode CW keyer problem corrected, CW left on if VFO was pressed during keying.

New features / improvements

- LCD back light timer. User can set delay after what LCD back light goes off. LCD back light comes on when any front panel control is touched.
- JUMA-TRX2 command and query protocol v0.09 implemented. This feature is needed for JUMA-PA100 band tracking.

Notes

- Version 1.04 was never released

JUMA-TRX2 SW (firmware) release note OH2NLT / 2008-03-11

SW version / ID

Version number: 1.03

Version id:

JUMA-TRX2 Firmware v1.03, Build 11.03.2008

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Bugs fixed

- None

New features / improvements

- Number of frequency VFOs (frequency memories) increased to 26.
- Number of memories in use made user selectable.

JUMA-TRX2 SW (firmware) release note OH2NLT / 2008-02-08

SW version / ID

Version number: 1.02

Version id:

JUMA-TRX2 Firmware v1.02 / 080208

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Bugs fixed

- Possible CW shift constant corruption
- Audio mute action in the test commands
- Yaesu CAT frequency calculation corrected. Ref. Osc frequency calibration is now included in the calculations.
- When CW TX condition audio 1500Hz filter is selected regardless user filter selection to allow clear side tone hearing.

New features / improvements

- new high baud rate UART1 interface code
- User adjustable UART1 (RS232 interface) Baud Rate
- UART2 (connector J1 at the DDS board) can be used for voice memory control. This option leaves UART1 for general rig control.
- Service Mode displays: S-meter, Forward PWR and RF Amp ID are now easier to use. Actual meter value is shown with the calibration constant.
- Numeric PWR display filtered. Easier to read
- CW pitch adjustment added. CW pitch can be set between 300 and 1100 Hz. Adjustment affect Cw shift and side tone pitch.

- RIT display moved "over" VFOA/B display. Now tuned frequency and RIT value are displayed at the same time.