

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.
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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
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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.
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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.