

# spectraval 15x1 Firmware Changelog

## V2.0.6

- Workaround -> old JETI SDK up to V4.6.5 (used by CalMAN versions below V5.14.4.15, among others) sent an incorrect command \*para:calibnr, which was no longer accepted by firmware from 2.0.0 -> fixed

## V2.0.5

- under certain conditions, the device could enter an infinite loop with sync mode enabled -> fixed

## V2.0.4

- Frequency measurement via flicker attachment was faulty -> fixed

## V2.0.3

- With the first spectraval devices without attachment recognition, the firmware could freeze and the device no longer reacted -> fixed
- Improved attachment detection for frequency measurement attachment
- Frequency measurement attachment also works with 1501

## V2.0.2

- Measuring attachments (diffuser,...) were no longer recognised correctly -> fixed

## V2.0.1

- Error in display text input or output with spectraval 1511 -> fixed

## V2.0.0

- Support for new display FT812/FT813 in addition to the old FT800
- Power management revised
- Adaptation algorithm revised
- In the event of faulty measurements (e.g. adaptation error), an error file is written to the SD card instead of old values
- Fast trigger mode introduced

## V1.10.6

- Frequency measurement for spectraval (\*meas:flicker) revised/improved

## V1.10.4

- spectraval 1501 LAN, LAN settings were sometimes not taken over correctly -> fixed

## V1.10.3

- Frequency measurement did not work with HiRes devices -> fixed
- spectraval 1511 -> address change in about screen

## V1.10.2

- HiRes LAN device - buffer for data transfer (reference spectrum, lambda field) via LAN was too small -> corrected
- spectraval 1511 - sometimes wrong time stored in CSV file on SD card -> corrected

## V1.10.1

- Ethernet retry timeout extended -> thus much more stable connection with "bad" networks

## V1.10.0

- Adaptation accelerated with very bright sync measurement
- spectraval 1511 -> display output of CRI Ra and Re as numerical values
- spectraval 1511 -> calibration can be switched manually; checkbox for "manual choice"
- spectraval 1511 -> CRI display with reference (circle chart) has been displayed incorrectly from the 2nd measurement
- spectraval 1511 -> display can be rotated

## V1.8.2

- optimised Target Laser behaviour

## V1.8.1

- optimised adaption

## V1.8.0

- spectraval 1511 -> Graphical user interface 1511 revised
- improved battery handling
- spectraval 1511 -> improved SD-Card handling

## V1.6.1

- Measurement could not be cancelled correctly via LAN connection -> fixed

## V1.6.0

- Support for new Bluetooth modules
- Support for automatic detected attachments
- Adaptation improved

## V1.4.7

- Measurement could not be cancelled correctly via LAN connection -> fixed

## V1.4.6

- After reference measurement with Average, lamp PWM continued to run -> fixed
- Measurements with many averages can be cancelled via LAN connection

## V1.4.5

- Some parameters were not output via LAN -> fixed

## V1.4.1

- spectraval 1511 -> improved SD-Card handling

## V1.4.0

- spectraval 1511 -> Graphical user interface 1511 revised