

spectraVal 15x1 Firmware

Changelog

V2.2.3 (11.02.2025)

- Target laser did not switch correctly when button was pressed -> fixed

V2.2.2 (10.02.2025)

- Reference calculation was incorrect -> fixed

V2.2.1 (07.02.2025)

- Target laser can be switched on again at any time, regardless of the attachment -> caused problems

V2.2.0 (05.02.2025)

- New command *CALIB:MODE? to query the current measurement mode
- New commands *CONTR:PIEZO and *CONTR:PIEZO? to keep the piezo shutter permanently switched on
- The target laser can now only be switched on in radiance mode.
- New command *CALC:DUV to calculate or output delta uv for CCT.
- Adaptation revised.
- Reference calculation was incorrect -> fixed.
- Stepper motor implemented as shutter, including parameterisable delays.

V2.0.8 (13.08.2024)

- spectraVal 1511 - File counter was reset incorrectly under certain circumstances -> fixed

V2.0.7 (18.06.2024)

- in special cases, the subsequent measurement could fail despite successful adaptation -> fixed

V2.0.6 (15.02.2024)

- 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 (12.11.2023)

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

V2.0.4 (15.06.2023)

- Frequency measurement via flicker attachment was faulty -> fixed

V2.0.3 (13.06.2023)

- 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 (08.05.2023)

- Measuring attachments (diffusor,...) were no longer recognized correctly -> fixed

V2.0.1 (08.05.2023)

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

V2.0.0 (26.04.2023)

- 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 (22.03.2021)

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

V1.10.4 (02.02.2021)

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

V1.10.3 (10.12.2020)

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

V1.10.2 (04.11.2020)

- 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 (28.07.2020)

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

V1.10.0 (23.04.2020)

- 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 (11.07.2019)

- optimised Target Laser behaviour

V1.8.1 (09.04.2019)

- optimised adaption

V1.8.0 (03.04.2019)

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

V1.6.1 (25.06.2018)

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

V1.6.0 (16.03.2018)

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

V1.4.7 (25.06.2018)

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

V1.4.6 (02.02.2018)

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



Spectrometric solutions from components to systems



JETI TECHNISCHE INSTRUMENTE GMBH

V1.4.5 (11.09.2017)

- Some parameters were not output via LAN -> fixed

V1.4.1 (31.08.2017)

- spectraval 1511 -> improved SD-Card handling

V1.4.0 (07.08.2017)

- spectraval 1511 -> Graphical user interface 1511 revised

