

# BMT 965 Firmware Release Notes

## V1.08 (2025-01-24)

The BMT 965 series is based on the same electronics and firmware for all variants: BMT 965 C, BMT 965 OG, BMT 965 AQ, BMT 965 ST, BMT 965 BT, BMT 965 S.

### Enhancements

- The warm-up time can be parameterised to adapt to conditions characterised by extreme ambient temperatures.

### Fixes

- Fixed an issue where, in very rare cases, the zero-factor parameter has been incorrectly read from non-volatile memory after power on, resulting in incorrect readings until the first zeroing after power on.

# BMT 965 Firmware Release Notes

## V1.07 (2024-01-30)

The BMT 965 series is based on the same electronics and firmware for all variants: BMT 965 C, BMT 965 OG, BMT 965 AQ, BMT 965 ST, BMT 965 BT, BMT 965 S.

### Fixes

- A minor temporary display issue has been fixed.

# BMT 965 Firmware Release Notes

## V1.06 (2024-01-10)

The BMT 965 series is based on the same electronics and firmware for all variants: BMT 965 C, BMT 965 OG, BMT 965 AQ, BMT 965 ST, BMT 965 BT, BMT 965 S.

### Enhancements

- The robustness of the system against volatile SD card warnings has been further improved. This includes displaying a “Warning: SD Card” message on the front panel display, implementing a recovery strategy for corrupted files, and excluding warnings for background logging tasks. Please note that this warning has no impact on the measurement result or its accuracy.

### Fixes

- The 4-digit PIN to prevent unauthorised parameterisation via a front panel operation is now stored in non-volatile memory so that the PIN remains active even after a reboot.
- If a BMT 965 RD (Remote Display) is connected, the firmware upgrade procedure now works.
- The previous front panel screen is restored if automatic or external zeroing is activated.

# BMT 965 Firmware Release Note

## V1.05 (2023-05-06)

The BMT 965 series is based on the same electronics and firmware for all variants: BMT 965 C, BMT 965 OG, BMT 965 AQ, BMT 965 ST, BMT 965 BT, BMT 965 S.

### Enhancements

- The MODBUS functionality has been extended to include function codes 04, 06 and 15, as well as additional register access, while maintaining backward compatibility.
- The Low and High Alarm relay contacts are now set to open when activated by factory default setting.
- If the instrument is equipped with ethernet/network, the MAC address can be viewed on the front panel display.
- If the USB flash drive or the USB OTG adapter is left plugged in, the user will receive a visual or audible notification to remove it in order to reactivate the internal SD card logger.
- Product enhancement for the upcoming BMT 965 C with low-voltage supply (24VDC) to reduce the peak current capability of the external low-voltage supply.

### Fixes

- The error relay contact is now activated in the event of a lamp high error.
- The IP address is indicated when booting if DHCP is enabled or a static IP address has been assigned.
- The timestamp for the “Switch-off” event in the event log is now correct.
- BMT 965 AQ w/ Remote Display: Pressing the BACK button to cancel the firmware upgrade or copying files now works as intended.
- The USB flash drive is now recognised after warm-up, fixing the known issue where USB would not work afterwards.

# BMT 965 Firmware Release Notes

## V1.04 (2021-03-22)

The BMT 965 series is based on the same electronics and firmware for all variants: BMT 965 C, BMT 965 OG, BMT 965 AQ, BMT 965 ST, BMT 965 BT, BMT 965 S.

### Fixes

- If the ozone unit is changed either via BMT 965 Link (PC software) or via the serial interface (RS-232), the automatic alarm threshold recalculation is now correct.

# BMT 965 Firmware Release Notes

## V1.03 (2021-03-16)

The BMT 965 series is based on the same electronics and firmware for all variants: BMT 965 C, BMT 965 OG, BMT 965 AQ, BMT 965 ST, BMT 965 BT, BMT 965 S.

### Enhancements

- The robustness against volatile EEPROM errors and SD card warnings have been improved.

### Fixes

- If the ozone unit is changed to %wt (air) either via BMT 965 Link (PC software) or via the serial interface (RS-232), the correct ozone concentration is now indicated.
- In the event of zeroing, the overpressure detection is now deactivated.

# BMT 965 Firmware Release Notes

## V1.02 (2020-11-30)

The BMT 965 series is based on the same electronics and firmware for all variants: BMT 965 C, BMT 965 OG, BMT 965 AQ, BMT 965 ST, BMT 965 BT, BMT 965 S.

### Enhancements

- Functional enhancements to optimise production and service.

### Fixes

- The Link-Mode commands for the serial interface RS-232 have been adapted to ensure full compatibility with the legacy products of the BMT 964 series.

# BMT 965 Firmware Release Notes

## V1.01 (2020-08-06)

The BMT 965 series is based on the same electronics and firmware for all variants: BMT 965 C, BMT 965 OG, BMT 965 AQ, BMT 965 ST, BMT 965 BT, BMT 965 S.

### Fixes

- The Start-Link-Mode command response for the serial interface RS-232 has been adapted to comply with the legacy products of the BMT 964 series.

# BMT 965 Firmware Release Notes

## V1.00 (2020-06-17)

The BMT 965 series is based on the same electronics and firmware for all variants: BMT 965 C, BMT 965 OG, BMT 965 AQ, BMT 965 ST, BMT 965 BT, BMT 965 S.

This is the initial release for the new BMT 965 series of Ozone Analysers, which succeeds the successful BMT 964 series.