

# Command (write values)

Name	Description	Frame request	Frame answer
Buzzer configuration	Enable or disable the buzzer when the high concentration alarm is raised	[0]: Frame counter [1]: 0x02 [2]: 0x00 (disable) 0x01 (enable)	[0]: Frame counter [1]: 0x02
Temperature format	Switch the temperature display between Celsius and Fahrenheit	[0]: Frame counter [1]: 0x04 [2]: 0x00 (Celsius) 0x01 (Fahrenheit)	[0]: Frame counter [1]: 0x04
Date format	Switch the date format between EU and US	[0]: Frame counter [1]: 0x05 [2]: 0x00 (EU format: dd/mm/yyyy) 0x01 (US format: mm/dd/yyyy)	[0]: Frame counter [1]: 0x05
Alarm threshold	Set the value of the high concentration alarm	[0]: Frame counter [1]: 0x06 [2..3]: alarm threshold (ppm) (LSB first)	[0]: Frame counter [1]: 0x06
Sleep mode window	Set the window clock when the sleep mode is active (only if clock & date are configurated)	[0]: Frame counter [1]: 0x07 [2]: start hour (24h format) [3]: start minute [4]: end hour (24h format) [5]: end minute [6]: day(s) when sleep mode is always ON (bit 0: Monday, bit 1: Tuesday,...)	[0]: Frame counter [1]: 0x07
Clock & date	Set the clock and the date	[0]: Frame counter [1]: 0x08 [2]: year since 2020 [3]: month (start at 1 for January) [4]: day of the month (start at 1) [5]: day of the week (1 = Monday, 2 = Tuesday etc.) [6]: hour of the day (24h format) [7]: minute [8]: second	[0]: Frame counter [1]: 0x08

# Command (write values)

Name	Description	Frame request	Frame answer
RCI mode	Configure the RCI mode	[0]: Frame counter [1]: 0x09 [2]: 0x00 (disable) 0x01 (enable) 0x02 (Trig, do RCI right now) 0x03 (Calibration fresh air) [3]: RCI period (in day)	[0]: Frame counter [1]: 0x09
Reset configuration	Reset to factory configuration	[0]: Frame counter [1]: 0x0A	[0]: Frame counter [1]: 0x0A
Time format	Set time product in 12/24h mode	[0]: Frame counter [1]: 0x0B [2]: 0x00 (12h) 0x01 (24h)	[0]: Frame counter [1]: 0x0B

# Command (read values)

Name	Description	Frame request	Frame answer
Buzzer status	Read the buffer status (enable/disable)	[0]: Frame counter [1]: 0x12	[0]: Frame counter [1]: 0x12 [2]: 0x00 (disable) 0x01 (enable)
Battery status	Remaining energy in the battery	[0]: Frame counter [1]: 0x13	[0]: Frame counter [1]: 0x13 [2]: 0.1V
Temperature format read	Read the current temperature format	[0]: Frame counter [1]: 0x14	[0]: Frame counter [1]: 0x14 [2]: 0x00 (Celsius) 0x01 (Fahrenheit)
Date format read	read the date format	[0]: Frame counter [1]: 0x15	[0]: Frame counter [1]: 0x15 [3]: 0x00 (EU format) 0x01 (US format)
Alarm threshold read	Read the current alarm threshold	[0]: Frame counter [1]: 0x16	[0]: Frame counter [1]: 0x16 [2..3]: alarm threshold (ppm) (MSB first)
Sleep mode window read	Read the window clock when the sleep mode is active (only if clock & date are configured)	[0]: Frame counter [1]: 0x17	[0]: Frame counter [1]: 0x17 [2]: start hour (24h format) [3]: start minute [4]: end hour (24h format) [5]: end minute [6]: day(s) when sleep mode is always ON (bit 0: Monday, bit 1: Tuesday etc.)

# Command (read values)

Name	Description	Frame request	Frame answer
Clock & date read	Read the clock and the date	[0]: Frame counter [1]: 0x18	[0]: Frame counter [1]: 0x18 [2]: year since 2020 [3]: month (start at 1 for January) [4]: day of the month (start at 1) [5]: day of the week (1 = Monday, 2 = Tuesday etc.) [6]: hour of the day (24h format) [7]: minute [8]: second
RCI read	Read the RCI status	[0]: Frame counter [1]: 0x19	[0]: Frame counter [1]: 0x19 [2]: 0x00 (disable) 0x01 (enable) [3]: RCI period (in day)
Time format	PM or AM	[0]: Frame counter [1]: 0x1B	[0]: Frame counter [1]: 0x1B [2]: 0x00 (12h) 0x01 (24h)

# Command error answer

Name	Description	Frame request	Frame answer
Error return			[0]: Frame counter [1]: 0x25 uncorrect parameters 0x28 command unknown