

LED Display boards Firmware

Version History

Current Version: 1.9.13 - 08.05.2024

Version	Date	Description
1.9.13	08.05.2024	<ul style="list-style-type: none"> • Base program: Added baudrates 1200, 2400 and 4800 to the radio baudrate settings to support HiLink in MODEM mode. Single option RADIO got replaced with specific options for DECRADIO and HiLink: DEC1200 (= old RADIO setting), DEC2400, HLK4800
1.9.12	21.12.2022	<ul style="list-style-type: none"> • Bugfix: Selftiming Parallel run did not start when Greentime was set to zero
1.9.11	18.07.2022	<ul style="list-style-type: none"> • Bugfix: Configured timezone got lost after power down (maybe due update of WinCE). Now we save the timezone to the config file and restore it at application startup. • Sort timezone list by time offset
1.9.10	07.08.2019	<ul style="list-style-type: none"> • GPS: Added support for GPS module U-Blox PAM M8Q • GPS: Removed support of GPS module Leadtek • New FPGA firmware 1.14 (required for GPS U-Blox M8Q)
1.9.9	30.05.2019	<ul style="list-style-type: none"> • Wifi: Added gateway parameter for network configuration
1.9.8	12.03.2019	<ul style="list-style-type: none"> • Powertime: Added support for all modes of the Omega Gemini scoreboard protocol: Standard and Rollertime. In standard mode we only support one line (Multiline 1). Tested with Powertime2 chronometer.
1.9.7	08.01.2019	<ul style="list-style-type: none"> • New program: Distance measurement. Supports reading and showing distance values for throwing and jump disciplines from a Trimble3600 measurement device equipped with special programs for FIDAL (implemented on request of FIDAL Emilia Romagna)
1.9.6	23.11.2017	<ul style="list-style-type: none"> • New FPGA firmware 1.13: Checks the UTC time validity flag with Ublox PAM-Q7 GPS module. • Bugfix: FPGA firmware started before yellow/green button was checked for reset to defaults. • Bugfix: WLAN interface on WinCE7 does not reconnect automatically • Bugfix: Crashed when showing WLAN status continuously • Bugfix: Wrong WLAN RSSI calculation on WinCE7
1.9.0	01.04.2017	<ul style="list-style-type: none"> • Support for new SOM module Toradex Colibri IMX6 with Windows Embedded 7
1.8.25	20.02.2017	<ul style="list-style-type: none"> • Bugfix: Allow the subprogram and countdown parameters to be changed by external command like described in the manual.
1.8.24	27.01.2017	<ul style="list-style-type: none"> • Bugfix: Incorrect rounding of speed value in self-timing
1.8.23	13.01.2017	<ul style="list-style-type: none"> • Bugfix: In Self-Timing the user-program did not stop after switching to another program • Save subprogram setting for each individual program

1.8.22	13.07.2016	<ul style="list-style-type: none"> • Bugfix: When receiving lots of data on the serial port some data could be lost • Bugfix: Row setting in Alge program didn't get saved to configuration file • Omega: Added serial configuration setting, since Ares and the new Quantum are using baudrate 9600 with 7N1, 7E1 or 8N1.
1.8.21	29.02.2015	<ul style="list-style-type: none"> • Countdown: New sub-program for countdown in days
1.8.20	10.02.2015	<ul style="list-style-type: none"> • Added netmask and gateway to LAN configuration
1.8.19	22.08.2015	<ul style="list-style-type: none"> • Bugfix: Fix in selftiming parallel program
1.8.18	16.03.2015	<ul style="list-style-type: none"> • Gill Wind: New program "Gill Wind" for Gill anemometers Windsonic and newly added Ultrasonic E730U replaces program "Gill Windsonic". Now also available on TabLED Light. • Fix wrong representation of japanese unicode character 6D77h • Fix: Brightness in manual mode was not restored to configured value after startup
1.8.16	15.04.2014	<ul style="list-style-type: none"> • Bugfix (only MicroGraphLED): Japanese characters (Kanji) in unicode fonts were not displayed correctly after the last unicode font update.
1.8.15		<ul style="list-style-type: none"> • Show command 'v' on all boards • Updated links to ActiveSync downloads on Microsoft website • Bugfix: Pixel emulation command didn't get accepted
1.8.14	03.12.2013	<ul style="list-style-type: none"> • Bugfix firmware upgrade: Upgrading from older versions could cause that not all files were updated successful and thus the displayboard not working correctly. • Bugfix Countdown: Sometimes the keyboard events were registered two times in the setup menu. • Bugfix Countdown: Greentime could be set too high and could cause crash. • Bugfix: When receiving a bitmap the display was updated after each line and not once at the end of operation. • Bugfix: Applying pixel emulation on scrolling string affected scroll delay. • Bugfix: Correct clear after entering integer numbers in the setup menu. • WLAN configuration: Configuring via remote a wifi network which at that time was not visible caused that false encryption parameters were set and the displayboard was then never able to connect successfully. To avoid this the encryption parameters can either be set manually by a new command via remote or if no parameter is set the displayboard is starting a wlan scan during configuration to try to retrieve these parameters automatically (shows error if network is not found). • When entering integer numbers in the menu the auto-increase will stop automatically at value zero.
1.8.12	26.06.2013	<ul style="list-style-type: none"> • Added characters from Latin-Extended A and Latin-Extended B to MicroGraph unicode fonts (improves support for East European languages) • SpeedMeter: New configuration option Mode Single and Mode Multi for single and multi speed measurements at the same time. The display now shows "---" if an event has been received and the speedmeter is running. • Countdown Time-to-Zero: Reset the timer on LAP event • Countdown: For fast changing of the countdown interval, the countdown setup can be entered with an external remote control by pressing START+LAP contemporaneously for 5

		<p>seconds. The buttons START (= same as green button) and LAP (= same as yellow button) can be used to navigate through the setup, change and confirm values.</p> <ul style="list-style-type: none">• Countdown program added to MicroTabLed Light boards• New font "Medium 2px Space" which is similar to the normal Medium font but leaves more space at the bottom of the characters so on bigger displays the lines are more separated.• Bugfix: Command Reset Area didn't apply the pixel emulation on the coordinates to check for running scrolling texts. Also pixel emulation didn't get applied on scrolling strings.• Bugfix: The reset command in the setup menu didn't reset all settings• Implemented new command 'v' to either display or return current configuration settings and status information.• Bugfix Timer: Make the green button behave like on the pixel board
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