

Release Notes

KK Library (Windows DLL, Linux SO)

Version	Date	Description
19.2.2	2022-05-12	Bug fix demo data: negative values Bug fix Linux USB
19.2.1	2022-03-03	Bug fix close USB Bug fix Linux 32 bit versions
19.2.0	2021-12-20	added: Multi_OpenTcpLogType, Multi_TcpAppData Bug fix TakeLogData: LogType=0..7
19.1.2	2021-11-18	Support of FXE High Resolution Data: Multi_ReadFHRData, Multi_SetFHRData Bug fix long-lasting TCP/IP connection (reconnect every day) Bug fix Multiple-USB: reading flash
19.1.0	2021-08-12	Bug fix Statistic Integer-Overflow-Error
19.0.3	2021-07-01	Bug fix timestamp and measurement check Multiple-USB: Reconnect with Data lost
19.0.2	2021-05-28	Mark invalid NSZ channels with -9.99 Ignore first invalid NSZ report Avoid big phase overflows Network: data lost message when reconnect Bug fixes: ping added: Multi_OpenTcpLogTime
19.0.1	2021-04-13	Bug fixes: open different devices, Windows Shutdown
18.2.4	2021-03-15	TCP-Log PhasePredecessor, UserLog1, UserLog2 added Accelerating string dispatch to TCP server
18.2.3	2021-01-11	Bug fixes: Close USB if firmware version < 64
18.2.2	2020-12-17	Bug fixes: multiple USB user, negative calibration values support firmware version 64
18.2	2020-11-06	reject invalid commands multiple USB user (Firmware 63)
18.1.10	2020-10-01	added: NSZ support for devices with NSZ cards only, NSZ calibration Multi_SetNSZCalibrationData, Multi_GetFirmwareVersion, Multi_HasFRam, Multi_RemoteLogin
18.1.9	2020-07-13	Support for NSZ devices No PCAN devices installed -> no error message Test data: option WAIT_INTERVAL added Bug fixes: network connection, reference clock , Python 64 bit version
18.1.4	2020-03-04	bug fixes simulated data
18.1.3	2020-02-14	added: reference clock error from device, bug fixes: DNSZ messages, CAN connections, enumerate PCAN-USB, Flag = 0x04, Multi_SetNSZ: value 0 for automatic NSZ format detection

18.1.2	2019-11-11	message 7F21 added: USB read error (USB frames lost)
18.1.1	2019-09-25	DebugLog with last 1000 lines after Exception, get device serial number via network
18.1.1	2019-06-24	bug fixes linux: enumerating serial ports, multiple source connections Windows: check ip address via ping multiple CAN user
18.1.0	2019-02-21	new connection type simulated data
18.0.3	2018-11-22	bug fixes memory leak (since 16.09)
18.0.0	1899-12-30	added: multiple source connections
17.01	2018-05-17	added: KK_GetPendingCmdsCount
16.10	2017-12-28	support for 130 MHz devices functions added for Java support
16.09	2017-10-09	count received measurements and timestamps, create error message 0x7F22
16.07	2017-06-16	bug fixes heavy network traffic
16.05	2017-02-10	error number added CKK_HardwareFault(9): device doesn't send measurement data added: KK_SetOutputPath
16.03	2016-11-16	added: KK_GetHostAndIPs, KK_Debug, KK_SetOutputPath error message added 0x7F23: receive buffer overflow (K+K DLL) support firmware version 43
16.00	2016-09-15	Initial version

FXX Graphical User Interface

Version	Date	Description
2.0.0	2021-12-07	Includes KK-Library 19.1.2 Added: FXE High Resolution Support Generating Test Data Bug fix: graphic phase diff
1.9.4	2021-08-12	Includes KK-Library 19.1.0 (Statistic EIntOverflow)
1.9.3	2021-07-19	Changed sensor: use last sensor measurement in multi-source log files and double-graphic windows Bug fix multiple source log files Includes KK-Library 19.0.3 Bug fix serial connection
1.9.1	2021-05-28	Added: Logging file option (limit size, prepend date)
1.9.0	2021-05-20	Reading reports improved Change source: keep windows open, if possible Includes KK-Library 19.0.2
1.8.3	2021-04-27	Detection of invalid NSZ channels (-9.99)
1.8.2	2021-04-21	Bug fixes: Logging with source TCP server Changed: Info window combo boxes: no changes via mouse wheel
1.8.1	2021-04-15	Bug fixes: Local TCP server (Frequency Log String, decimal separator in Phase Log Strings) Changed: Tera-Term-Sensor Channel order Added: Tera-Term-Sensor Channels Temperature2, Humidity2
1.8.0	2021-04-13	Phase-Difference Channel n-1 added: Graphic-Window, Text-Window, Logging Includes KK-Library 19.0.1 Bug fixes: Windows Shutdown
1.7.5	2021-02-08	Bug fixes Changed: Selection of text window, Selection of graphic window Added: phase predecessor difference for text-/graphic windows, multi sampler Library version >= 18.2.4
1.7.4	2021-01-14	Bug fixes: New/Change/Remove Source
1.7.3	2021-01-11	KK-Library 18.2.3
1.7.2	2020-12-17	Automatical open USB device, if connected after app start Bug fixes Nominal frequencies, linear combinations Support firmware version 64
1.7	2020-11-06	Multiple USB users
1.6.3	2020-10-20	Added: NSZ calibration data

Firmware Uploader Tool

Version	Date	Description
4.4.5	2021-11-22	KK-Library 19.1.2 Connected user: request to continue
4.4.4	2021-01-21	Bug fixes Open Error
4.4.3	2021-01-11	User Input Hardware Feature KK-Library 18.2.3
4.4.2	2020-12-17	Support firmware version 64
4.4	2020-11-06	Multiple USB users
4.3.6	2020-10-12	Support firmware versions 60..62

FPGA Upgrade Tool

Version	Date	Description
2.0.2	2021-04-30	Initial Version

Java Support

Version	Date	Description
1.7	2021-12-20	KK-Library 19.2.0
1.6	2021-12-07	KK-Library 19.1.2. Linux support added
1.5	2021-05-28	KK-Library 19.0.2

Python Support

Version	Date	Description
1.3	2022-01-05	KK-Library 19.2.0
1.2	2021-11-18	KK-Library 19.1.2
1.1.0	2021-05-28	KK-Library 19.0.2