

# DcDesk 6

Including driver (PCAN-USB interface, USB to RS-232 converter with FTDI chip, USB to RS-232 converter with Prolific chip) and XML-help (German, English), for Windows 7 or higher.

## Revision History

### Version 6.1.66

#### Window "GMCU II Configuration"

- ▶ Added support of B2 sample

#### Window "Version Control"

- ▶ Fixed handling of regional depending time formats

#### General

- ▶ Minor bug fixes

### Version 6.1.65

#### Window "Recorder Viewer"

- ▶ New window view and examine recorder files in database format

#### Parameter Lists

- ▶ Added option for filtering parameters

#### Window "Sensor Configuration"

- ▶ Added support for frequency sensors

#### Window "Curve versus time", "Curve versus X"

- ▶ A time window and a time interval can be set for the recording
- ▶ Recording can be made directly in database format

#### Window "CanOpen Configuration"

- ▶ Generating of EDS files was improved

#### Window "Engine Configuration"

- ▶ Added support of free engine configuration

#### Window "Version Control"

- ▶ Added support of free engine configuration

#### General

- ▶ Minor bug fix, changes and additions in various windows

## Version 6.1.53

### General

- ▶ Harmonized different names for Elektra systems
- ▶ Added system "Elektra - Flow Control (Type DC10)"
- ▶ Corrected formatting of real time stamp of control unit

Minor bug fix, changes and additions in various windows

## Version 6.1.44

### General

- ▶ Minor bug fix

## Version 6.1.43

### General

- ▶ Access granted for systems TRITON OMD II Control unit and Sensor

Minor bug fix, changes and additions in various windows

## Version 6.1.42

### Dashboard

- ▶ Parameter and firmware files are accepted by Drag & Drop
- ▶ Improved handling of "Conditions"
- ▶ Improved handling of wrong assignments
- ▶ Various bug fixes

### Info

- ▶ Corrected display of different dongle access levels

### User Programme

- ▶ Added support for legacy "User Programme"

Minor bug fix, changes and additions in various windows

## Version 6.1.38

### Dashboard

- ▶ Bug fix in opening dashboards created with older versions

## Version 6.1.35

### Window „Hardware identification“

- ▶ Extensions for StG3-PD

### Window „Curve over time and X“

- ▶ Bug fixes

### Dashboard

- ▶ There is a new way to open the dashboard file: either in adaptive mode (all parameter settings are taken from the current system) or in edit mode (all parameters keep their settings stored in the file)
- ▶ Minor changes and bug fixes

### Window „Data logger“

- ▶ The date and time format can be changed before a file name is generated to save data from the data logger
- ▶ Saved data logger data will not be deleted when loading a new control unit program

### Window „Switch Functions“

- ▶ Bug fixes

### Bug fixes in „Load parameter values“

### Updated control components

### Updated drivers

## Version 6.1.18

### Window Pickup Oscilloscope

- ▶ Bug fix

## Version 6.1.16

### Window Curve versus time

- ▶ Bug fix

## Version 6.1.15

### New window „Pickup Oscilloscope“

- ▶ The window is used to visualize and diagnose the pickup signals of PHLOX II and PHLOX III

### New text parameters type

- ▶ Text parameter value can be used to store text information, for example, the user can add descriptions, names, addresses, etc. (Latin and numbers are allowed)

### **Dashboard**

- ▶ New visualization element ‚Slider‘ - adjusts the value of a variable, depending on the position of the slider within the slider bar
- ▶ Display of parameters in Anglo-American units is improved

### **Communication**

- ▶ The ability to show extended information about network participants in the „Devices in Network“ window is added

### **Window Map**

- ▶ The table data can be quickly copied from the Excel to the buffer and pasted to the DcDesk Map with a key combination Ctr + C

### **Window Session Info**

- ▶ Parameter configuration file can be managed via popup menu

### **Changes and additions in various windows**

- ▶ Window Curve versus time and X
- ▶ Dashboard
- ▶ Bit Collection
- ▶ Parameter list windows
- ▶ Stored Errors
- ▶ Parameterizing

### **Minor bug fix, changes and additions in various windows**

### **Updated control components**

### **Updated drivers for dongle**

## **Version 6.1.7**

### **General optimizations and bug fixes**

## **Version 6.1.5**

### **General optimizations and bug fixes**

## **Version 6.1.0**

### **Window Data Logger v.6**

- ▶ Multiple data logger instances
- ▶ Names of loaded data records are predefined using new file name configurator
- ▶ New option to record the parameter values only when a certain event occurs
- ▶ The data in the data logger can be provided with comments
- ▶ Modified window design
- ▶ General optimisation and bug fix

### **Help file**

- ▶ Help file has been expanded (chapter Data Logger)

### **Window HZM-CAN Configuration**

- ▶ Expanded customer module configuration

### **Window Bit Collection**

- ▶ New extension with which non-binary parameters can also be entered, if the device supports the function "All parameter in the bit collection"

### **Windows Curve versus Time and X**

- ▶ Stop lines can be hidden - useful if pauses occur frequently in recordings
- ▶ Crosshair and zoom function improved

### **General**

- ▶ Expanded port configuration for PHLOX II and PHLOX III

### **Minor bug fix, changes and additions in various windows**

### **Updated drivers for dongle**

## **Version 6.0.162**

### **Help file**

- ▶ Help file has been expanded (chapter Dashboard)

### **Dashboard**

- ▶ .dsh-file can be executed in DcDesk via drag & drop
- ▶ Minor bug fixes

### **Window Ignition Coils Primary Current**

- ▶ New window for PHLOX Systems

### **Window Error Memory**

- ▶ Correct change of the window interface when switching to another system with a bootloader

### **Window Common Output Configuration**

- ▶ Changes in the display of the test mode when the binary output is inverted

### **Window Curve versus time and X**

- ▶ Curve start/stop via F8/F7 if window is unlocked
- ▶ Parameter number can be removed with the button "Del"

### **Changes and additions in various windows**

- ▶ Windows Switch Functions
- ▶ Windows StG EC Configuration
- ▶ Window Curve: polar diagram redesign
- ▶ System configuration file (.pp) becomes updated after software download
- ▶ Window Click Test: layout redesign

**Added new system „OFA Panel“**

**Updated control components**

## **Version 6.0.154**

**Help file**

- ▶ Help file has been expanded

**Parameter save/load**

- ▶ DcDesk allows saving/loading of parameter values only in format \*.hzm or \*.hzc

**Window Curve**

- ▶ New curve type is added: polar diagram

**Window Info**

- ▶ Dongle info can be copied in buffer

**Window Data Logger**

- ▶ Verification of data logger version is added
- ▶ New record type Snapshot is added

**CAN communication**

- ▶ Log out from can network in case other communication mode is selected

**Changes and additions in various windows**

- ▶ Window Compare Parameters
- ▶ Window Search and Filter Parameter
- ▶ Window Dashboard: help function is added
- ▶ Window CAN Device Selection
- ▶ Windows Curve versus time and X

**Updated control components**

## **Version 6.0.144**

**Window Adjustment/Sensors and window Adjustment/Switch function**

- ▶ Adjusted/corrected settings for variable inputs/outputs (for DC 12 SCR)

**Window Load Parameter Values**

- ▶ Bugfix in parameter selection

**New window Ignition Coils Primary Current (for systems PHLOX/PHLOX III)**

- ▶ The primary current of the ignition coils and the settings of the ignition profile can be observed and configured in this new window

### **Window Info**

- ▶ A button has been added that copies information about access rights to the key to the clipboard

### **Changes and additions in various windows**

- ▶ Window Adjustment/Sensor Configuration: corrections in the curve display
- ▶ Window Options for Curve versus time and Curve versus X: displaying of record file with more than 20 parameters
- ▶ Modified design in window Switch Functions
- ▶ Modified design in window Curve
- ▶ Modified design in window Map
- ▶ Window Devices on Network: corrections in the selection of the current member

### **CAN communication**

- ▶ Log out from can network in case other communication mode is selected

### **Changes and additions in various windows**

- ▶ Modified design for windows Map and Curve
- ▶ Modified design for windows Curve versus time and X
- ▶ Filter function in window Engine Configuration

### **Added new system „DC 12 SCR“**

### **Updated control components**

## **Version 6.0.140**

### **New window Dashboard**

- ▶ Dashboard can be used to generate overview and/or configuration pages that display only a selection of parameters and measured values.

### **New window Data Logger**

- ▶ New window that enables the configuration for the recording of parameter values (Logging) in the control unit and their management

### **Windows Curve versus time**

- ▶ Recorded parameter values and events from control unit data logger can be displayed

### **New window Sensor Monitoring**

- ▶ New window for activation and configuration the sensor value monitoring

### **Window Parameterising**

- ▶ It is now possible to add a link to the parameter file (.hzm) and curve parameter file (.crv) in Parameterising/Favourites
- ▶ Link for sensor monitoring is included

### **Communication**

- ▶ Remote communication
- ▶ Comfortable switching of the communication mode via the toolbar menu directly in program

### **General**

- ▶ New print dialogue for all parameter and curve windows
- ▶ Update dialogue and automatic update search
- ▶ Quick Start Guide for Dashboard
- ▶ Display of parameters in Anglo-American units is possible

### **Changes and additions in various windows**

- ▶ Modified design for windows Map and Curve
- ▶ Modified design for windows Curve versus time and X
- ▶ Filter function in window Engine Configuration

### **Updated drivers for FTDI-adapters**

- ▶ Dongle
- ▶ USB-to-RS-232-adapters
- ▶ CAN bus in complete setup