



DAS1700 / DAS701 / DAS700 / DAS1600 / DAS801 / DAS800 / 8460

Improvements / changes of version 4.8 November 2022

Improvements:

- ✓ Compatibility with new CPU card
 - ✓ Improvement of NTP synchronization
 - ✓ Minor bug corrections
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Improvements / changes of version 4.6 March 2022

Improvements:

- ✓ Compatibility with new CPU card
 - ✓ Additional information in the config file .txt saving
 - ✓ Minor bug corrections
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Improvements / changes of version 4.5 January 2022

Improvements:

- ✓ Improvement of ADC
 - ✓ Minor bug corrections
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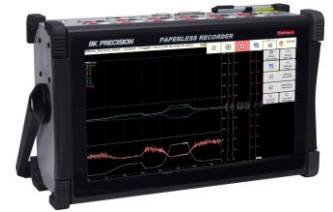
Improvements / changes of version 4.4 January 2022

Improvements:

- ✓ Improvement of security when sending emails,
 - ✓ Calculation of the frequency every period in network analysis,
 - ✓ Screen locking possible even during acquisition,
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Improvements / changes of version 4.3 April 2021

Improvements:



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- ✓ Improvement of CANLIN mode display
- ✓ Improvement of frequency measurement
- ✓ Minor bug corrections

Improvements / changes of version 4.0 January 2021

Improvements:

- ✓ Error decrease of IRIG card (<1 ms)
- ✓ Addition of SPCI command for shunts
- ✓ Function of multi-recipients for mailing after alarms triggering
- ✓ Minor bug corrections

Improvements / changes of version 3.2 September 2020

Improvements:

- ✓ Improvement of NTP functioning
- ✓ Improvement of signals transmission between FPGA and input card
- ✓ Improvement of the text interface in the trigger menu
- ✓ Improvement of zoom between cursors function
- ✓ Minor bug corrections

Improvements / changes of version 2.0 March 2019

Improvements:

- ✓ Improvement of the CAN management
- ✓ CAN DB file management added
- ✓ Trigger button in f(t) added
- ✓ Absolute or relative Timestamp added in CSV files
- ✓ Manual setup for CAN parameters added
- ✓ Instrument name + serial number added as node name for an Ethernet network
- ✓ Function « send an e-mail on alarm » is added
- ✓ Minor bug correction



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Improvements / changes of version 1.10, 1.11 & 1.12 June 2018

Improvements:

- VNC/FTP is now possible with password
 - Display of remaining time available on the hard disk
 - Improvement of the reading of text files (csv txt ...)
 - “Paper” button and menu added (in file mode too)
 - Improvement of very big files management
 - In f(t) mode: search of min and max of a channel is possible
 - Area calculation added in XY mode
 - Acquisition with external clock is now possible (logical channel 16) with separate file in direct mode.
 - ‘Title’ and ‘comments’ of the rec file is now added in CSV (txt) file
 - Comments are now possible after acquisition
 - Ranges can be changed during acquisition
 - Time base in f(t) is extended up to 1h/div
 - Hidden channels management is now possible in Remote (TCPIP) and in FA mode (CH_EXT mode)
 - Backup file added (BACKUP option)
 - Trigger on glitches added
 - Trigger added in network analysis
 - Minor bugs correction
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Improvements / changes of version 1.9 February 2017

Improvements:

- Hysteresis added for math functions
- PWM function added for universal input
- Counter added for multiplexed input (1kHz max)
- Counter : range extended up to 10 000 000 counts
- Trigger filter added
- REC files from DAS30/50 or 8440 can be read (and DAS240 if number of channel compatible)
- ++ and – added in the channels validation window to minimize window
- Background screen can be added in XY & F(t)
- Improvement of calculated functions (RMS, freq...) for fast acquisition (1μs)
- RMS calculation for multiplexed channels: duration is now 200ms.



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- Minor bugs correction
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Improvements / changes of version 1.8 June 2016

Improvements

- Real time print (external or internal printer) for f(t) and XY
- Setup file: compatible with DAS30/50 and future SEFRAM recorders
- Network analysis: "post acquisition" management added (plot, send e-mail,...)
- Network analysis: simplified MMI (Man Machine Interface) for logical channels input
- Paper mode of 8460: notes are on the paper and added in the .rec file
- XY Mode: reference has been suppressed, file management has been added (previous, next)
- XY Mode: Invert added for channel X
- XY Mode: using functions (FA →FF) is now possible for channel X
- Time is now extended to 20mn for derivative and integration

Minor bugs correction

Improvements / changes of version 1.7 December 2015

Improvements

- Filter added in RMS & Frequency
- Frequency : the minimum value measured is now 1Hz (instead of 10 Hz before)
- Button « Fast forward » added for 8460 (thermal paper)
- Button added to reset the setup when powering-on
- Ranges of channels can be changed in real time in the F(t) page
- After acquisition a TXT/CSV file is automatically generated (file mode, maximum 1Mega samples)

Minor bugs correction



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Improvements / changes of revision 1.6 June 2015

❖ Improvements :

- New commands in remote control :
 - Grid : this command becomes standard for all paper recorders
 - New command : Converttext (to convert a file in text)
- Number of notes per file is increased to 5000
- Root mean square function $(a+\sqrt{dx+c})+b$ added.
- Calculation of frequency between cursors added
- In file mode, pre-trigger and post-trigger has now a resolution of 0.1k (was 1k before)
- Automatic plot of acquisition becomes possible with an external printer
- Setup files (CNF) from other instruments can be used:
DAS1400/DAS600/8440/DAS20/DAS40/DAS30/DAS50
- Improvement of directory management with multiple files
- Network analysis :
 - 4 networks
 - Independent networks (Frequency and ranges)
 - More parameters are calculated
 - Angles management in degree
- Analogue filter for RMS mode added
- PTP protocol added (client and server)
- Roll mode display added after a trigger (instead of having the whole file displayed)
- RPM added in frequency mode

❖ Minor bugs correction

Previous version – V1.4 – November 2014

❖ Improvements :

- Network analysis : additional functions
 - Dual network analysis
 - Improvement of FFT speed
 - Improvement of several displays




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- Phase between I and U added
- Filtering added
- Color management of lines
- Improvement of calculation and display of big files
- XY mode : choice of display
- Improvement of files management : multiple file selection (copy, delete)

❖ **Minor bugs correction**

All firmware are fully compatible with **DAS800, DAS800SV, DAS801, DAS801SV, DAS1600, DAS1600SV, 8460**

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