THE MEASURABLE DIFFERENCE.



OXYGEN TRAINING > DATA EXPORT

DEWETRON

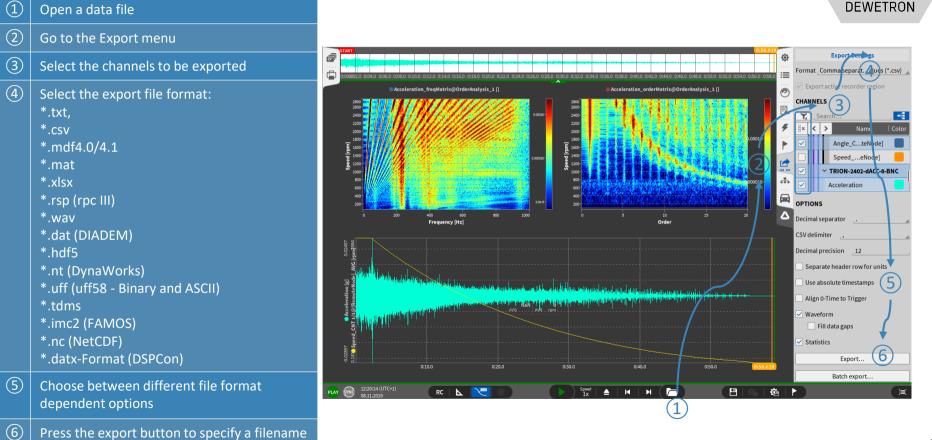
PUBLIC

© DEWETRON GmbH | May 24

How to export data

and folder





© DEWETRON GmbH | May 24

EXPORT OPTIONS

(1)



DEWETRON

 Waveform exports data of selected channels at full sample rate
 Statistics only exports min/max/avg/rms values of each selected channel for a defined window time if activated in Trigger menu (③)

Default Export folder can be specified in System Settings \rightarrow Measurement Setup

- (4) To export the selected channels with a reduced sample rate. By default this can be chosen between 1 Hz and 10 kHz.
- (5) If a changed channel order is required, the channels can be rearranged in the order tab next to the channels tab

| ¢۵ | Oxygen Setup | Storing & Filename | | | | | |
|----|--|-------------------------|----------------------------|-------------------------|--|--|--|
| = | Storing & Filename | DATA STORING | | | | | |
| 3 | Startup Settings | Data folder C:/DATA/ | Browse | | | | |
| | Advanced Settings | Export folder | | | | | |
| | Hardware | C:/Users/Tklug | Browse | | | | |
| ۶ | DAQ Hardware | RECORDING FILENAME | | | | | |
| | Amplifier / RS232 / RS485 | m_#{Date}_#{Time} | | | | | |
| | Sensors | | | | | | |
| | Remote Control | Time, Local | Date, Local 20240105 | Counter, Local | | | |
| | Remote Control | Time, UTC 121647 | Date, UTC 20240105 | Counter, Session | | | |
| ħ | User Interface | Time, hh-mm-ss | Date, dd-MM-yy 05-01-24 | Header | | | |
| Δ | Localization | Filename preview | | | | | |
| - | UI Options | m_20240105_131647.dmd | | | | | |
| | Advanced Graphics | Local Counter | | | | | |
| | System Information Ask for filename before recording start | | | | | | |
| | Component Versions | Automatically o | pen DMD after measuren | nent with Oxygen Viewer | | | |

Recording Mode
WAVEFORM
O Continuous

Event based

Disabled

Enabled
 Disabled

Pause after

Post-time

Statistics window

| \$ | Triggered Events |
|-----------|----------------------------------|
| := | Recording Mode |
| 0 | Waveform recording, Continuous |
| 3 | Statistics recording, Window 1s |
| Ŧ | Individual channel configuration |
| | + Add Event |
| 1 | + Add Event |
| * | |
| | |
| | |

| | GENERAL | * | Exp | ort Se | ttings | 5 |
|----|--------------------------------|----|-------------|--------|------------|---------|
| | Export in configured order | ٩ | | | | ; |
| | (5) | ≔ | Cha | nnels | Order | N A O U |
| se | OPTIONS | | \ :: | | Al 1/4 Sim | - |
| se | Comma separated values (*.csv) | 0 | | - | AO 2/6 Sim | Ę |
| | Decimal separator | | •• | - | | 1900 |
| | CSV delimiter, | E. | | | Al 1/1 Sim | |
| | Decimal precision 12 | | | | | |
| | Reduced samplerate | | | | Hz 🖌 | |
| | Separate header row for units | | | | | |
| | Use absolute timestamps | | | | | 0 |
| | Align 0-time to trigger | | | | | |
| | Waveform | | | | | |
| | Fill data gaps | | | | | |
| | ✓ Statistics | | | | | |
| | AVG RMS | | | | | |
| | MIN MAX | | | | | |
| | Export | | | | | |
| | Batch export | | | | | |
| | | | | | | |
| | AUTOMATIC EXPORT | | | | | |
| | Export on measurement end | | | | | |
| | Auto-export folder: | | | | | |
| 3 | _c:/DATA/ | | | | Browse | |
| J | | | | | - | ▼ |
| | | | | | | 3 |
| | | | | | | |

DEWETRON GmbH | Mar

EXPORT OPTIONS

(4)

(5)

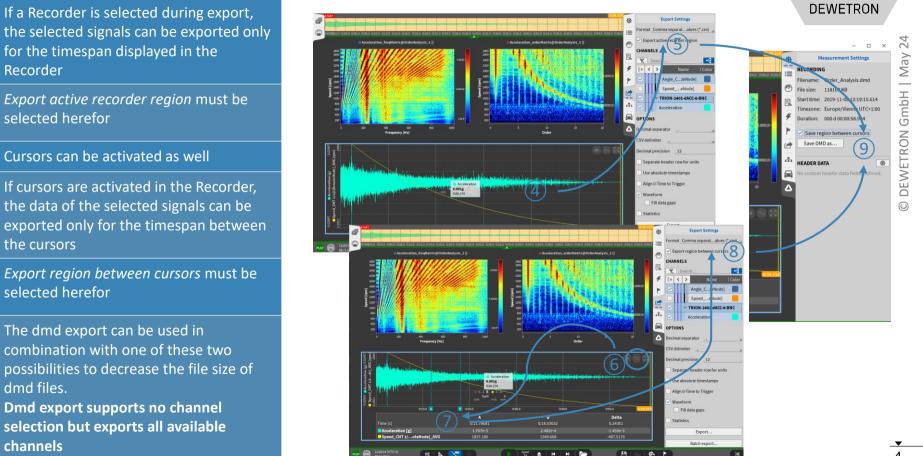
(6)

(7)

(8)

(9)





AUTOMATIC EXPORT

DEWETRON

The Export menu can also be accessed in Live mode during setup generation to activate the option to automatically Export the data after measurement end

樹

:=

0

E

ş

2

di.

Export Settings

🗙 , Search

< >

Angle

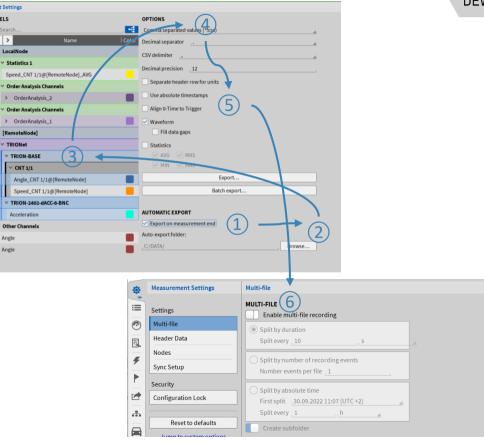
Angle

CHANNELS

- (2)A separate export folder can be specified
- (3) Individual channels for export can be selected
- (4)Export format can be specified

(1)

- (5)Format dependent options are available
- (6)In case of Multi-File recording, data since recording start will be exported to one single file but not be split up in individual files



5

BATCH EXPORT





BatchExport.

> Possibility to export data of several *.dmd-files successively

> How to...

- > Load one file and set the export options (1)
- > Press Batch Export (2)
- > Select additional *.dmd-files (③)

> Press Start ((4))

| > Data Folder | C:/ Users rludwig Desktop Neuer On | dner | |
|---------------|------------------------------------|----------|------------------|
| P DADRIN | x Name | Size | Date |
| iystem | 2402_vs_1820ENOB_000.dmd | 4.0 MB | 2021-11-30 07:51 |
| > 📢 C/ | 2402_vs_1820ENOB_010.dmd | 733.4 kB | 2021-10-21 10:44 |
| > 🌙 D:/ | 2402_vs_1820ENOB_009.dmd | 865.5 kB | 2021-10-21 10:43 |
| > 🥪 E:/ | 2402_vs_1820ENOB_008.dmd | 3.3 MB | 2021-10-21 10:42 |
| > 🧹 V:/ | 2402_vs_1820ENOB_007.dmd | 505.0 kB | 2021-10-21 10:42 |
| > 🧊 Z:/ | 2402_vs_1820ENOB_006.dmd | 737.6 kB | 2021-10-21 09:56 |
| | 2402_vs_1820ENOB_005.dmd | 865.3 kB | 2021-10-21 09:55 |
| | 2402_vs_1820ENOB_004.dmd | 3.3 MB | 2021-10-21 09:54 |
| | 2402_vs_1820ENOB_003.dmd | 504.9 kB | 2021-10-21 09:50 |
| | 2402_vs_1820ENOB_002.dmd | 733.2 kB | 2021-10-21 09:47 |
| | 2402_vs_1820ENOB_001.dmd | 865.5 kB | 2021-10-21 09:46 |
| | Delete | | New folder |
| Browse | | Cancel | Open |

| Destinationd/EXPORT, | |
|---|----|
| Overwrite existing files 📄 Continue after error 📄 Export all channels | |
| C/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_000.dmd | 09 |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MUUTL_SNR_ENOB_010.dmd | 09 |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MUUTL_SNR_ENOB_009.dmd | 09 |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MUUTLSNR_ENOB_008.dmd | 09 |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MUUTL_SNR_ENOB_007.dmd | 09 |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MUUTL_SNR_ENOB_006.dmd | 09 |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTL_SNR_ENOB_005.dmd | 09 |
| c:/Users/rkudwig/Desktop/Neuer Ordner/2402_vs_1820_MULTL_SNR_ENOB_004.dmd | 09 |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTL_SNR_ENOB_003.dmd | 09 |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTL_SNR_ENOB_001.dmd | 09 |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTL_SNR_ENOB_002.dmd | 09 |

Close

| itch Export | |
|---|-------|
| Destination dt/EXPORT | Start |
| Overwrite existing files Continue after error Export all channels | Jun |
| | 11/11 |
| C2/Users/rludwig/Desktop/Neuer Ordner/2402_v8_5820_MUUTI_SNR_ENOB_000.dmd | 100% |
| c;/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_010.dmd | 100% |
| c:/Users/rludwig/Desktop/NeuerOrdner/2402_vs_1820_MUUT_SNR_ENOB_008.dmd | 100% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MUITLSNR_ENOB_008.dmd | 100% |
| c;/Users/rludwig/Deshtop/Neuer Ordner/2402_vs_1820_MUU1_SNR_ENOB_007.dmd | 100% |
| c:/Users/rludwig/Desktop/NeuerOrdner/2402_vs_1820_MUUT_SNR_ENOB_006.dmd | 100% |
| c:/Users/rkudwig/Desktop/Neuer Ordner/2402_vs_1820_MUCTL_SNR_ENOB_005.dmd | 100% |
| c:/Users/rludwig/Desktop/NeuerOrdner/2402_vs_1820_MUU1_SNR_ENOB_004.dmd | 100% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_3820_MUUTLSNR_ENOB_003.dmd | 100% |
| c;/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_001.dmd | 100% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_002.dmd | 100% |

BATCH EXPORT





- Requirements: Selected channels (Channel Names) need to be included in all *.dmd-files
- Good to know:
 - > Possiblity to export all channels (5)
 - ightarrow Batch export with files including different channel names
 - > Data export from Rec start to end
 - \rightarrow Active Recorder / Cursor region will be ignored
 - Batch export stops when error occurs
 Errors might be:
 - > Channel not found
 - > File not accessible
 - > Export file alrady exists can be overwritten automatically (6)
 - Possibility to continue after error (⑦)

| Batch Export | |
|---|-------|
| Destination | Start |
| Overwrite existing files Continue after error Export all channels | |
| (6) (7) (5) | 0/11 |
| C:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_000.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTL_SNR_ENOB_010.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_009.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_008.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_007.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_006.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_005.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_004.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_003.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_001.dmd | 0% |
| c:/Users/rludwig/Desktop/Neuer Ordner/2402_vs_1820_MULTI_SNR_ENOB_002.dmd | 0% |
| | |

Clore