



### NA\_ENR\_PARAM\_ENR\_SIMP

# SETTING A RECORD ON DAS30 / DAS50

On the handheld recorder DAS30 / DAS50, you have the possibility to record an acquisition channel. This function is used to save a screenshot of a measurement we just did: voltage, current or temperature measurement.

We are going to see how to parameter a record. We will use example: A generator connected at the recorder provides a sinusoidal voltage, it's the signal that is to be recorded:

#### I: Requisites

We have to manage the channel that we want to record. For channel 1, see the note NA\_ENR\_CONF\_VOIE\_ENG.

#### II: Setting or a record

1- Access to the file mode by pressing on the corresponding button:



2- Choose the acquisition period, we will use a sample period of "20ms":

		143132 🛧 Home
A1	ViolderREC(Vile. Record	Image: Channels   Image: Channels     Image: Channels   Image: Channels

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3- Manage the start, here we will use a "Manual" start, so the record will begin when we the "start" button is pressed:



A1	\FolderREC\File_Reco	ard_			
A2	\FolderREC\	File_Record_			
A3	Max size	Manual	iel (231.1	2D)	
M I	Size 1000 M samp	Trigger		20 ms 50 Hz	
P2	Start (	Waiting			
Logic channels	Stop Stop	Automatic			
1234567890123456	Next	-			
	Stop				
	1 channel active : A1				
	La construction	Trig	ger 0.000 s		

4- Manage the stop, here we will use a "Automatic" stop, so the record will stop when the "stop" button will be pressed:

			Is:00:30	Home			
<b>1</b>	\FolderREC\File_Reco	ord_					
12	\FolderREC\	File_Record_					
43	🖌 Max size	1000 M sample/chann	el (231.12D)				
14	Size 1000 M sample		20 ms 50 Hz				
2	Gan Start Manual start						
Logic channess 1111111 1234567890123456 000 00000000	Next Stop I channel active :	Manual stop	r 0.000 s	-			

41	✓ \FolderREC\File_Rec	ord_		
42	\FolderREC\	File_Record_		
A3	Max size	1000 M sample/channe	i (231.12D)	
84 P1	Size 1000 M samp	Trigger	20 ms 50 Hz	•
P2	Start 🤇	Automatic		
Logic channels 11111	11 Stop Stop	•		
12345678901234	Next			
	Stop 🕖 Re	arm		
	1 channel active : A1			
	1 1	Triager	0.000 s	

5.1- Choose the number of samples that you want, here we will take "1M Sample": The number of samples enables the setting of the record duration:

15:05:05 🟠 Home	Home
1 ✓ ✓ ViolderREC\File_Record_   12 ↓ ✓ File_Record_   13 ✓ ✓ File_Record_	Image: State
Size/channel 1000 k sampl 20 ms ▼ ▲ 50 Hz ▼ ▲	7 8 9 ✓ X caudition time 5.33H   1 7 8 9 ✓ X k sample   2 4 5 6 Exp ✓
togic channels 1111111 1234567890123456 Not	Logic channels     1     1     2     3     4     Acquisition time est       1234567890123456     0       Acquisition time est
I channel active : A1	
	ingle void s

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5.2- You can also choose the option: "Max size", which enable to use the memory, entirely we will use this option at the end:

	L		•	25 🛧 Home				
A1	\FolderREC\File_Reco	rd_	[	Tradal a contribition disco				
A2	\FolderREC\	File_Record_		1 otal acquisition time				
A3	🖌 Max size	1000 M sample/channel (231.12D)						
A4	Size		<u>20 ms</u>					
P1	1000 M sample		<b>50 Hz</b>					
P2	Gen Start	Manual start		_				
1111111 1224567200122456	Stop	Automatic stop						
000000000000000000000000000000000000000	Next	2						
	Stop Rearm							
1 channel active : A1 ↓ ↓ ↓ Trigger 0.000 s								

6- Launch the record by pressing the record button:

			15:17:51			
A1	\FolderREC\File_Reco	ord_	η			
A2	\FolderREC\					
A3	Max size	1000 M sample/channel (231.	120)			
P1 ' ' '	Size 1000 M sample		20 ms 50 Hz ▼ ▲			
	Start	Manual start				
1111111 1234567890123456	Stop Automatic stop					
000000000000000000000000000000000000000	Next					
	Stop Re	arm				
	1 channel active : A1					
	Trigger 0.000 s					

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7- Press the "start" button to start the record:

File_F	Record_03 Waiting fo	48 20ms r trigger				Stop	15:24:32	Home
1 = 3.5011 V							7 • • • 6.3	Timebase 100ms/div
							• • • 5.6	
							• • • 4.9	
							··· 4.2 ⊊	
							 3.5 dily	
							2.8	
							14	
							•••• 0.7	
			 	100ms/div	 		 0	

8- Once you have visualized the data you want to save, press the "Stop" button to finish:



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## 9- The signal is recorded:



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