

How to Download an Oscillographic Record File with WinPCD T2

The PCD is capable of generating Oscillographic Record Files. The stored record files can be viewed as Oscillographic Waveform Data with the PowerView Oscillographics Software tool. The desired element for performing the Waveform Capture is enabled and can retrieve up to 64 cycles of fault data information using the WinPCD T2 Software.

Instructions

- 1. First establish communications with the PCD using the WinPCD T2 software program.
- 2. From the Main Menu select "Waveform Capture".

Main Menu	
Name/Model: SN.210683	Catalog Number: 8R181041313111
Selections Metering Settings Records Operations Test Front Panel Status Waveform Capture Programmable Curves Trip/Close Commands Miscellaneous Command Power Quality Quick Setup	s
Iransmit All Database Values to Unit	<u>D</u> etail
Receive All Settings from Unit	<u>B</u> ack

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3. From the Waveform Capture Menu select "Oscillographics Data Capture Settings".

Waveform Capture Menu	
Name/Model: SN.210683	Catalog Number: 8R181041313111
Selections	
Uscillographics Data Capture Set Oscillographic Records Start Data Accumulation Stop Data Accumulation Acquisition Status	itings
<u>D</u> etail	Back

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4. Select the Element Setting Database Value "Yes" for the desired Oscillographic Data Capture.

Dscillographics Data Capture Settings					
Name/Model: SN.2	10683	Catalog Number: 881	81041313111		
Setting	[Database Value	Actual Unit Value		
Record Size	8	3 Rec. of 8 Cycles			
Single Shot Mode	1	۹o			
Appended Record Mode	1	۹٥			
Trigger Position	()			
51P	<u>\</u>	′es			
50P-3	1	No			
50P-2	1	No			
50P-1	1	No			
51N	1	No			
50N-3	1	No			
50N-2	1	No			
50N-1	1	No			
67P	1	No			
67N	1	No			
46	1	No			
27	1	No		-	
	_				
Database Value <u>D</u> etail	<u>R</u> eceive Da	ta from Unit		<u>P</u> rint	
Send Database Data to <u>U</u> nit>>	<< <u>S</u> end Unit D	ata to Database		<u>B</u> ack	

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5. Select the desired Oscillographic Record

Record	Trigger	Date	Time
1	0	0 2000	00:00:00.000
2	0	0 2000	00:00:00.000
3	0	0 2000	00:00:00.000
4	0	0 2000	00:00:00.000
5	0	0 2000	00:00:00.000
6	0	0 2000	00:00:00.000
7	0	0 2000	00:00:00.000
8	0	0 2000	00:00:00.000

- 6. After the Record file is selected for download; depress the "Save Waveform Capture" Button.
- 7. Depress the "Set" button to proceed with the Download process. Note: You can select up to 8 Records consisting of 8 Cycles of data.

Save Waveform Record Information						
Filename: (None)	Channels Processed: 0					
<u>S</u> tart		<u>B</u> ack				

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8. Name and Save the selected Record file.

Choose Filename	for Waveform Re	cords			<u>? ×</u>
Save jn:	🔁 Oscillographics	Analysis Tool	•	+ 🗈 💣 🎟•	
History Desktop My Documents My Computer:	BACKUP				
	File <u>n</u> ame:	OSC Test		•	<u>S</u> ave
My Network P	Save as <u>t</u> ype:	Waveform Capture Data File	Э	•	Cancel

9. Depress the "Start" button.

10. The selected file will now be downloaded.

Save Waveform	Record Information	
Filename: C:\Pro	ogram Files\ABB Applications\Oscillo	graphics Analysis Ti
S <u>e</u> t	Channels Processed: 0	
<u>Start</u>		Back



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11. Press the Back Button to exit WinPCD T2.

12. The Record file will be saved as a .cap extension. The .cap file can be uploaded and viewed with the PowerView Software Program by accessing the file from the folder it was saved in.



Call 1-800-929-7947 option 5 or +1-407-732-2000 x 2510 for any other questions you may have.

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