

Ref: FAQ0064

Made By: AB 14/10/14

Version: 1.0

Title – SoundSens i change record freq

(Issue 1)

# Question – how can you change the recording frequency of SoundSens i pods

The frequency of Data acquisition can be varied with the pods being set to record at a frequency of your choice. Normally the default setting of 4800Hz is adequate for most leak noise tests.

However if you want to manually set this frequency to an alternative rate you can do so by opening the SSi software and go to Comms>Setup/program > Detailed.... – (as below screen shot)



#### At the next screen select 'Yes' to synchronise the loggers

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	Confirm	×		
?	It is recommended that you synchronise al recordings. However any recordings not yet download Do you wish to synchronise all loggers?			
	[	Yes No		

#### At the next screen select one sample line and double click on it -

Recording Number	Ster) Time	Samples Frequency	Number of Semples	Noich Filter	Low Pass Files	
1	Apr 18 2000, 05:50:53PM	4800Hz	40000	50Hz	2048Hz	-11
2	Apr 18 2000, 06:05 52PM	4800Hz	40003	50H2	2048Hz	
3	Apr 18 2000, 06 20 52PM	4600Hz	40000	50He	2048Hz	
4	Apr 11 2000, 02 30:04404	4600Hz	40000	SOHe	2040Hz	
5	Jan 01 1980, 12:00:00AM	4800Hz	81662	OHz	2048Hz	
6	Jan 01 1980, 12:00:00AM	4600Hz	81662	OHz	2048Hz	
7	Jan 01 1980, 12 00 00AM	4800Hz	81662	0H2	2048Hz	
0	Jan 01 1980, 12:00:00AM	4500Flz	81662	0Hz	2048Hz	
9	Jan 01 1980, 12:00:00AM	4000Hz	91662	0Hz	2048Hz	
10	Jan 01 1980, 12:00:00AM	4800Hz	81662	0Hz	2048Hz	
11	Jan 01 1980, 12:00:00AM	4600Hz	81662	0H2	2048Hz	
12	Jan 01 1980, 12:00:00AM	4600Ha	81662	DH2	2048Hz	
12 13	Jan 01 1980, 12:00:00AM	4600Hz	81662	OHz	2048Hz	
14	Jon 01 1980, 12:00:00AM	4600Hz	91662	0Hz	2048Hz	
15	Jan 01 1980, 12:00:00AM	4600Hz	81662	0Hz	2048Hz	
16 17	Jan 01 1980, 12:00:00AM	4800Hz	81662	042	2048Hz	
	Jen 01 1980, 12:00:00AM	4500H3	81662	9Hz	2048Hz	
18	Jan 01 1980, 12:00:00AM	4600Flz	61662	0Hz	2048Hz	
50	Less Ctl 1000 10/00/0644	400003+	01000	au.	2070114	3

Enter the recording parameters you require and select 'OK'

Edit Recording Settings					
Logger 10404, Recording Number: 1   Recording Time 14/10/201 ▼   Samples Frequency 4800   Number of Samples 5   Notch Filter 50Hz   Low Pass Filter 1000	OK Cancel				

This will upload the recording settings to each of the pods for a single recording.

If you want to apply these settings to a series of recordings then select a recording line from the below screen and right click on it and select 'create series'



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0000015 0000001						_
Recording Number	Start Time	Samples Frequency	Number of Semples	Noich Filter	Low Pass Files	
1	Apr 18 2009, 05:50:52PM	4800Hz	40000	50Hz	2048Hz	
2	Apr 18 2000, 06:05 52PM	4800Hz	40003	SOHe	2648Hz	
3	Apr 18 2000, 06 20 52PM	4600Hz	40000	50He	2048Hz	
4	Apr 11 2000, 02 30:04404	4600Hz	40000	SOHe	2048Hz	
5	Jan 01 1980, 12:00:00AM	4800Hz	81662	0Hz	3048Hz	
6	Jan 01 1980, 12:00:00AM	4500Hz	\$1662	0Hz	2048Hz	
7	Jan 01 1980, 12:00:00AM	4800Hz	81662	OH2	2048Hz	
0	Jan 01 1980, 12:00:00AM	4500Hz	81662	0Hz	2048Hz	
9	Jan 01 1980, 12:00:00AM	4000Hz	91662	0Hz	2048Hz	
10	Jan 01 1980, 12:00:00AM	4800Hz	\$1662	0Hz	2048Hz	
11	Jan 01 1980, 12:00:00AM	4600Hz	81662	0H2	2048Hz	
12	Jan 01 1980, 12:00:00AM	4600Hp	81662	042	2048Hz	
12 13	Jan 01 1980, 12:00:00AM	4600Hz	81662	0Hz	2048Hz	
14	Jon 01 1980, 12:00:00AM	4600Hz	91662	0Hz	2048Hz	
15 16 17	Jan 01 1980, 12:00:00AM	4500Hz	81662	0Hz	2048Hz	
16	Jan 01 1980, 12:00:00AM	4800Hz	81662	042	2048Hz	
	Jan 01 1980, 12:00:00AM	4800H3	81662	9H2	2048Hz	
18	Jan 01 1980, 12:00:00AM	4600Flz	61662	012	2048Hz	
10	Les 01 1000 10/00/0644	400003+	01000	au.	2070114	_

### This will show the screen below -

Setup Recording Series ×				
Recording Time   Start From Recording   Number of Recordings   Interval	OK Cancel			
Recording Parameters   Samples Frequency   Number of Samples   Notch Filter   Low Pass Filter				

Insert the settings for your series of recordings and select 'OK' to upload them to the loggers.

The above facilities were extensively used on early versions of SoundSens products (1 & 2) however with the introduction of Soundsens i many of these features were defaulted to simplify the operation and set up – although they are still available in the software it is rare for them to be used with the current equipment.

Edition	Date of Issue	Modification	Notes
1st	14/10/14	Release	

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