



## NorReview Version 6

Display, Reporting and  
Post-Processing Software



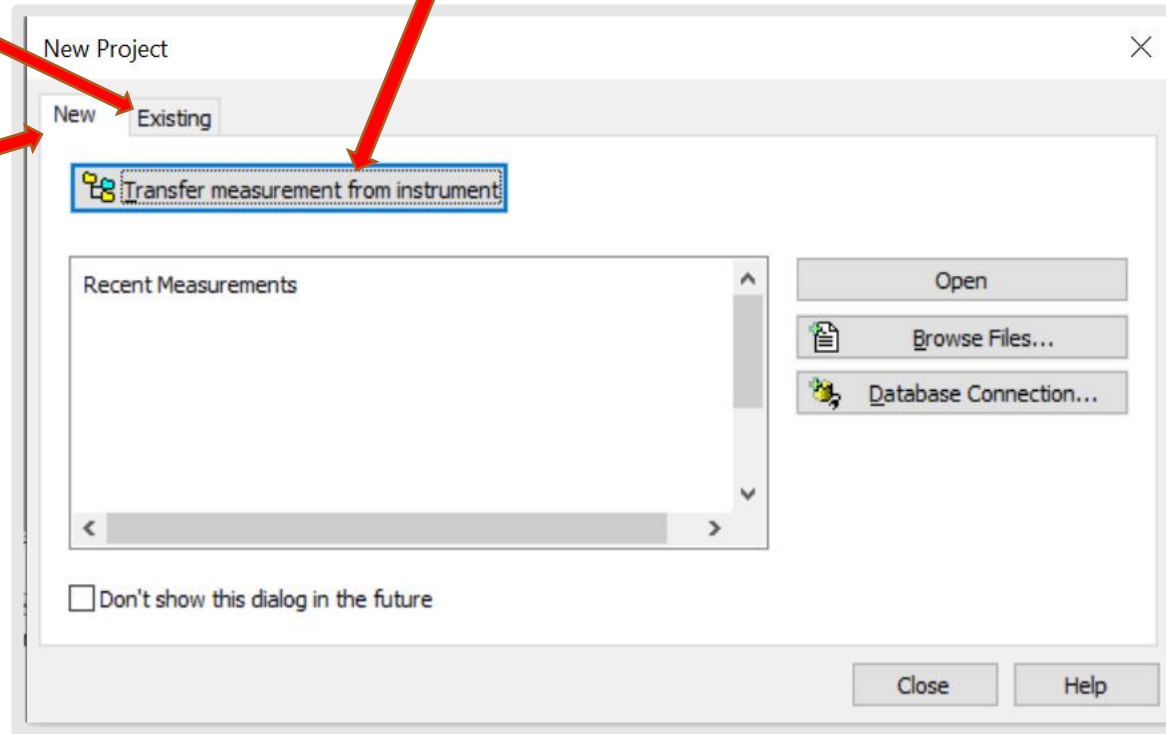
**CAMPBELL ASSOCIATES**  
SOUND, VIBRATION & AIR SOLUTIONS

Session 1

- 1 Click **Transfer Measurement from Instrument** to download a new file from the sound level meter

Existing  
Opens an existing project

New  
Select new to create a **new project** from a measurement file stored on your PC or Sound Level Meter.

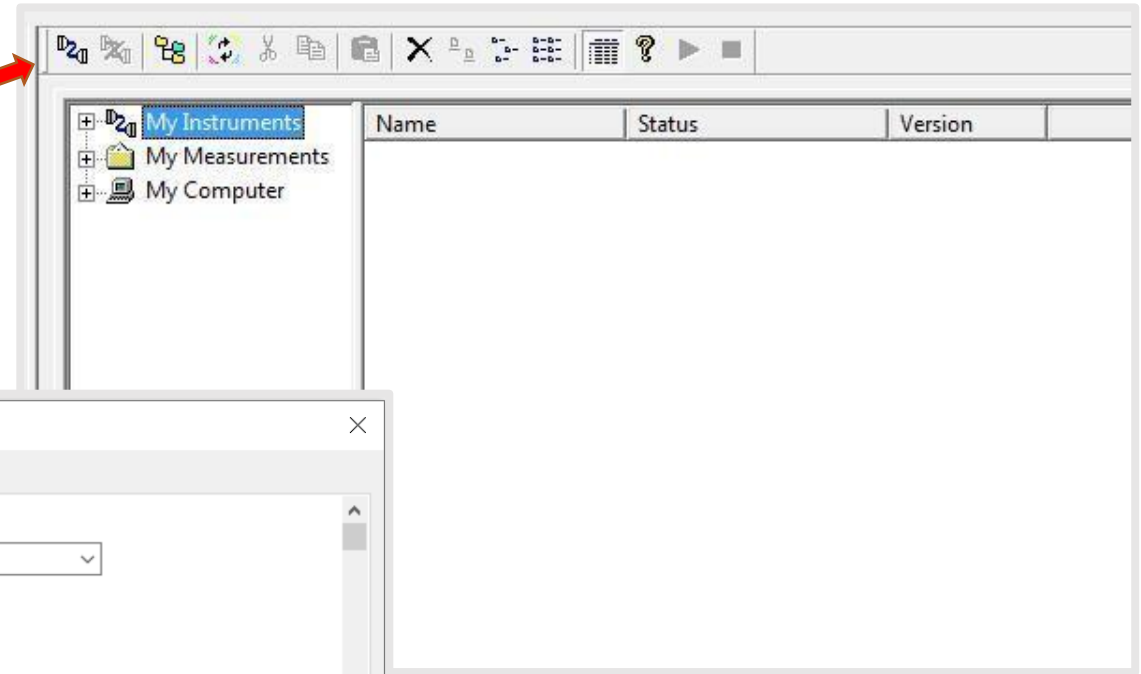


## Important Notes

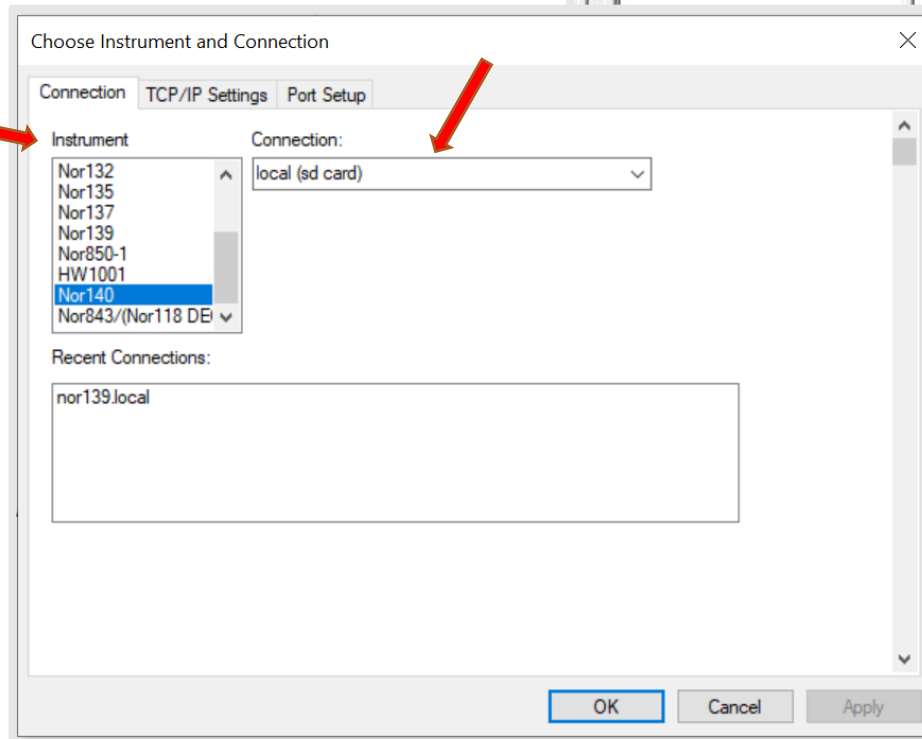
- A Project is always based on minimum one measurement file from a Norsonic instrument
- On program start-up, a New Project dialog box appears providing all possible choices of starting a project:

# Downloading a File From the Nor140

Click the connect icon



Select your Instrument  
**Nor140**




Select your Connection  
**Local (sd card)**


Nor140.local will appear.

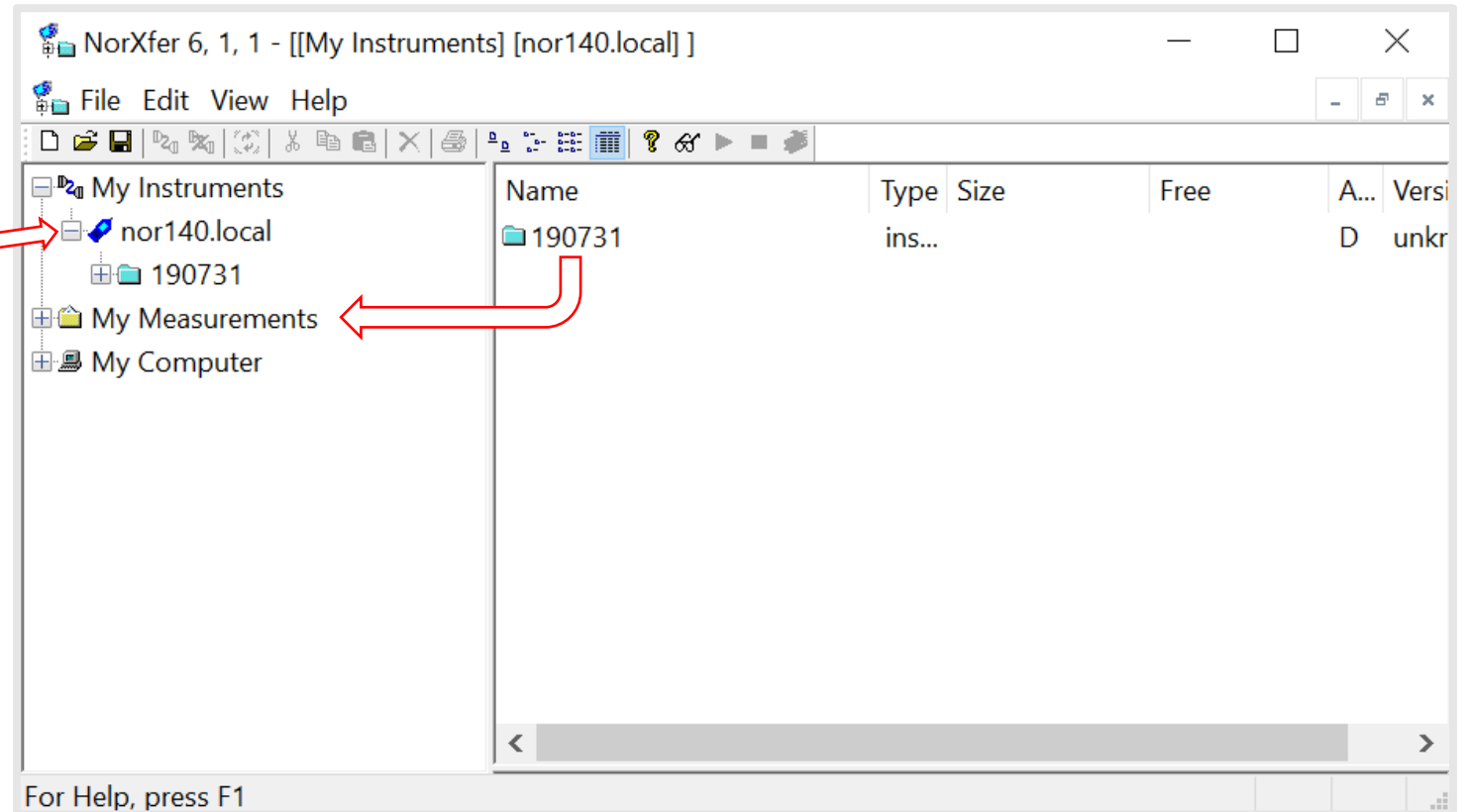
1. Double click the **nor140.local** to view the measurements

They will appear as blue date folders.

2. Drag the **blue date folder** from the nor140.local in to the  190731

**Yellow** My Measurements folder

 My Measurements

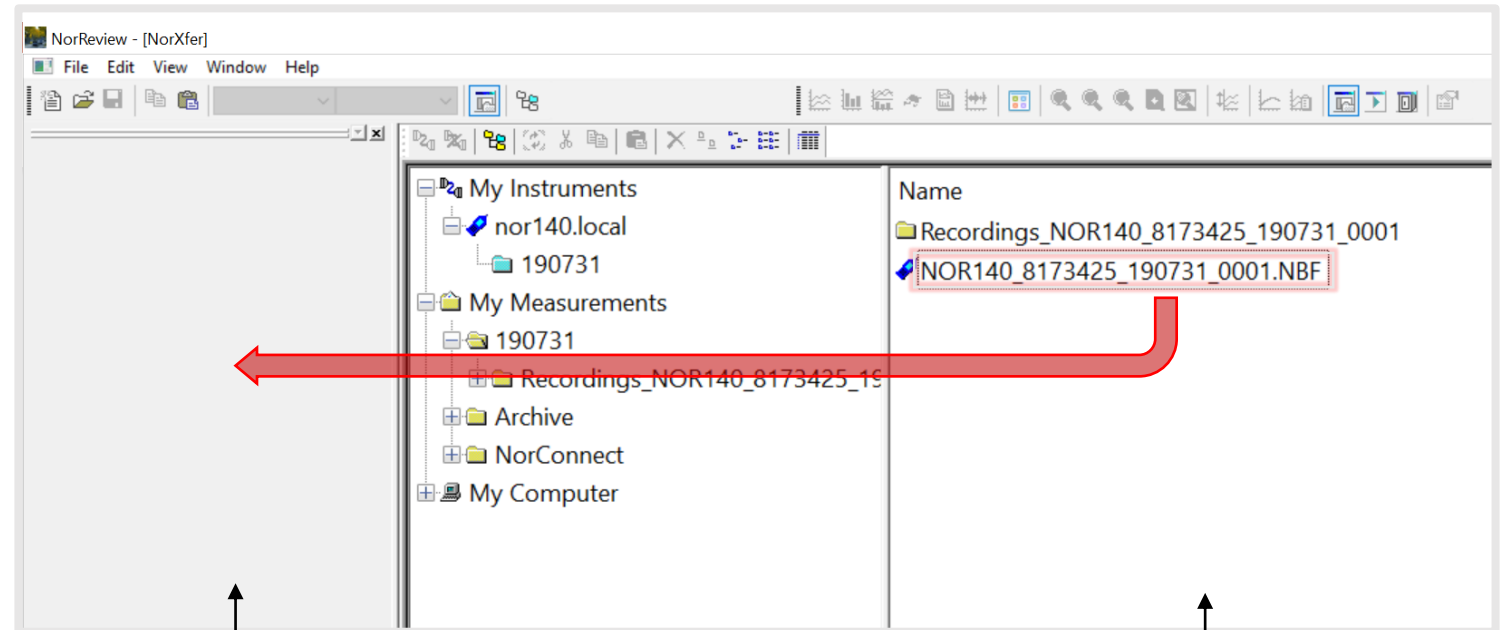


# Downloading a File From the Nor140

Drag the Nor140 measurement file

*Nor140\_000000\_000000\_0001.NBF*

From My Measurements on to the  
grey workspace panel



Workspace

My measurements

# Downloading from the Nor150 & Nor145

Open your SD card on the PC in Windows Explorer.

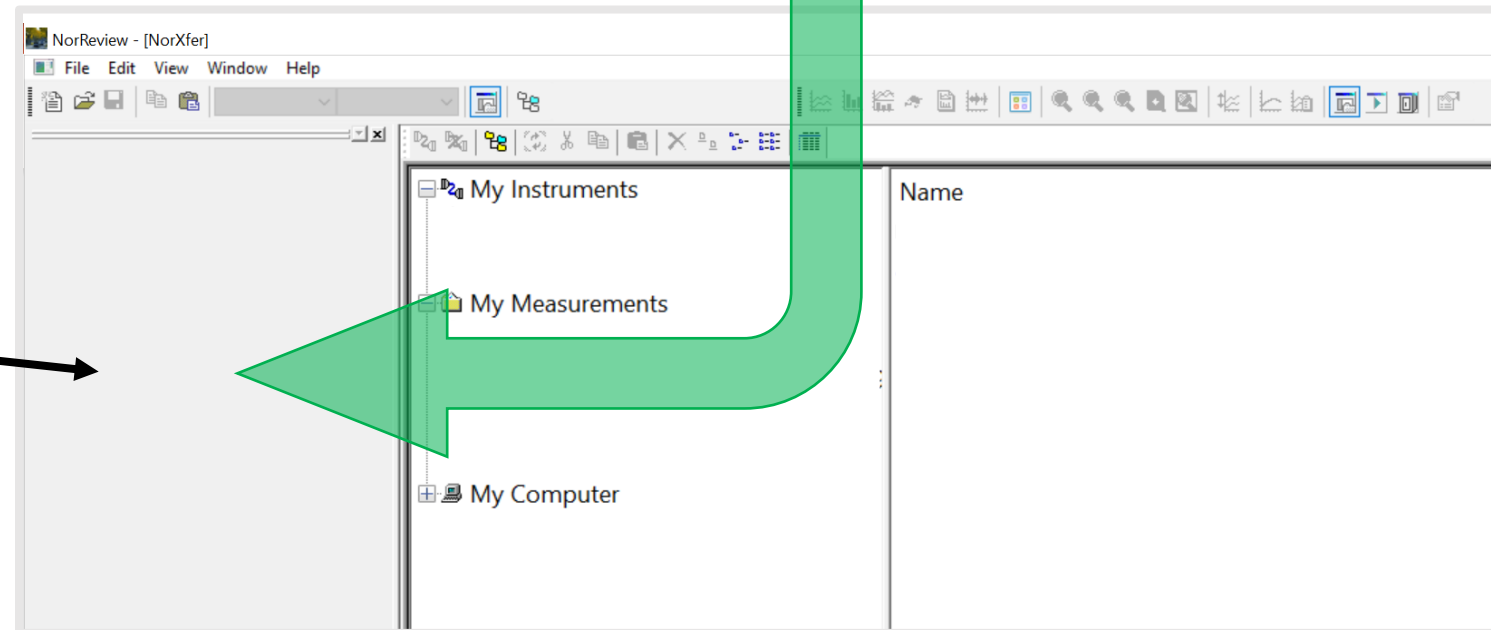
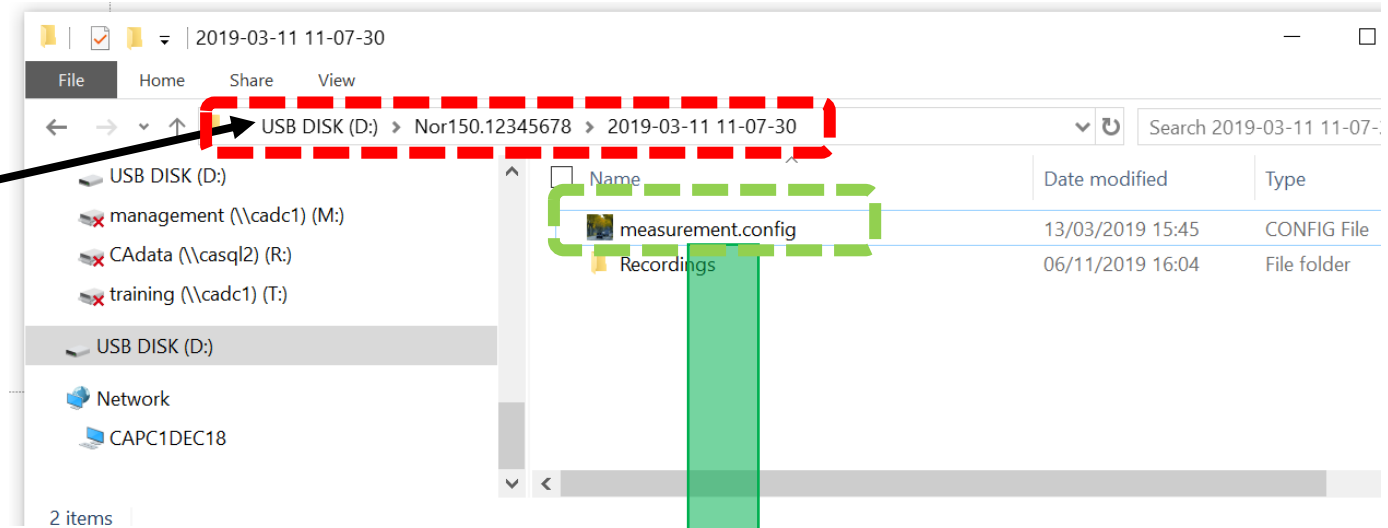
Find the folder and files.

Drag the measurement file

**Measurement.config**

Directly onto the workspace.

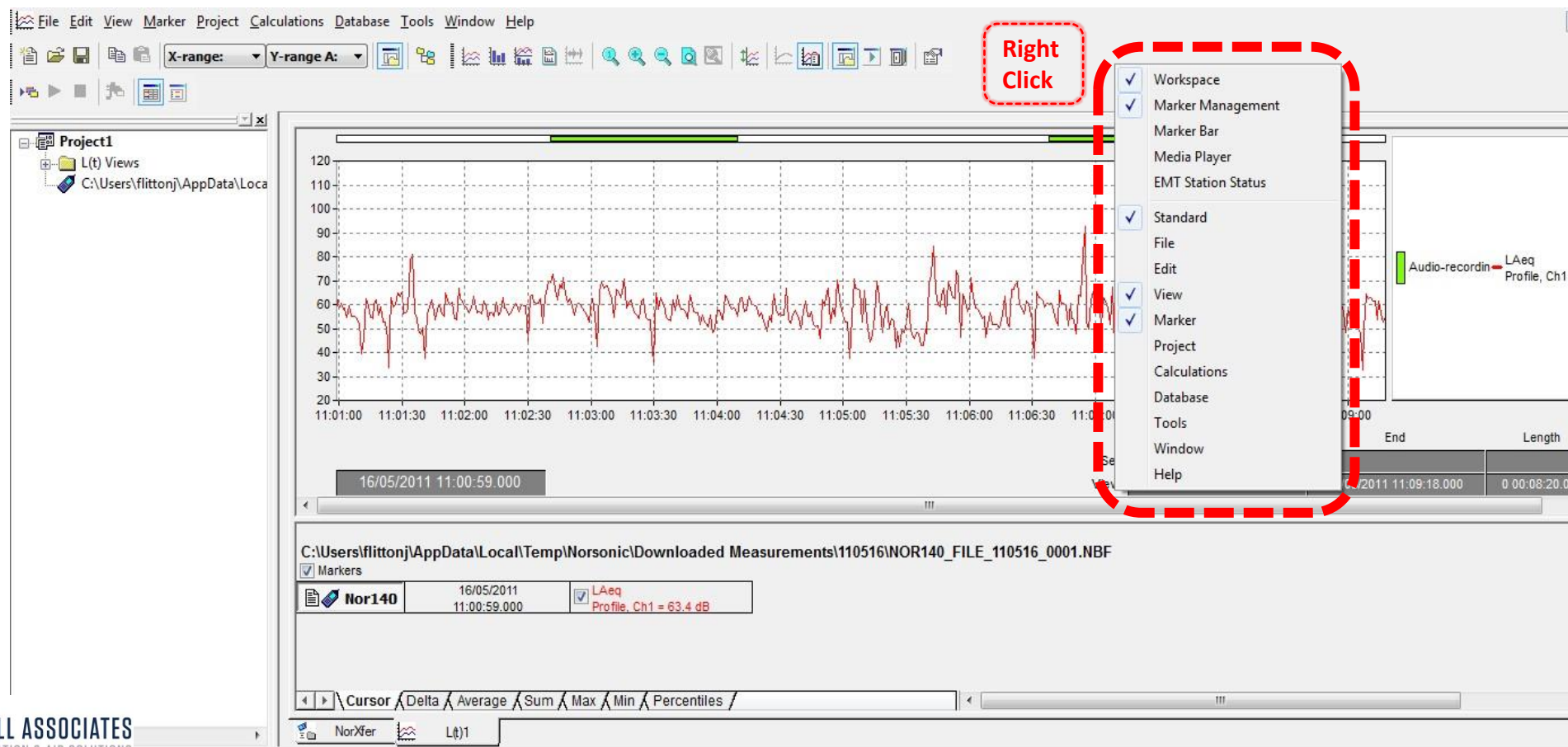
Workspace



# Setting Up Your NorReview Display

Right-click on the top grey panel to open the sub-menu. Enable the following views:

- ✓ View
- ✓ Marker
- ✓ Marker Management



The screenshot shows the NorReview software interface. The top grey panel is highlighted with a red dashed box and labeled "Right Click". A context menu is open, showing the following options:

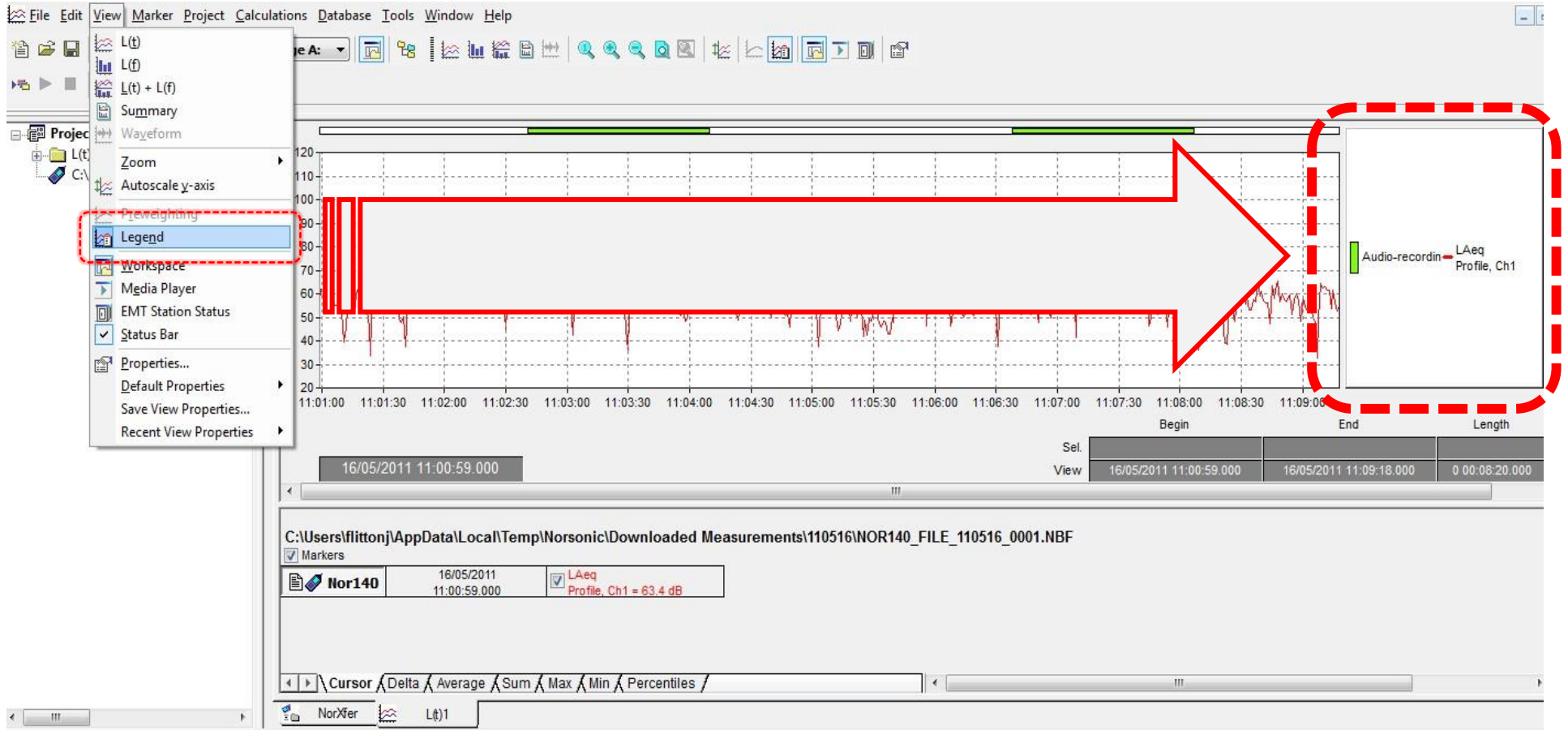
- Workspace
- Marker Management
- Marker Bar
- Media Player
- EMT Station Status
- Standard
- File
- Edit
- View
- Marker
- Project
- Calculations
- Database
- Tools
- Window
- Help

The main display area shows a waveform plot with a red line representing the audio recording. The x-axis is labeled with time from 11:01:00 to 11:06:00. The y-axis is labeled from 20 to 120. A table at the bottom of the interface shows the following data:

Markers	Time	Value
Nor140	16/05/2011 11:00:59.000	LAeq Profile, Ch1 = 63.4 dB



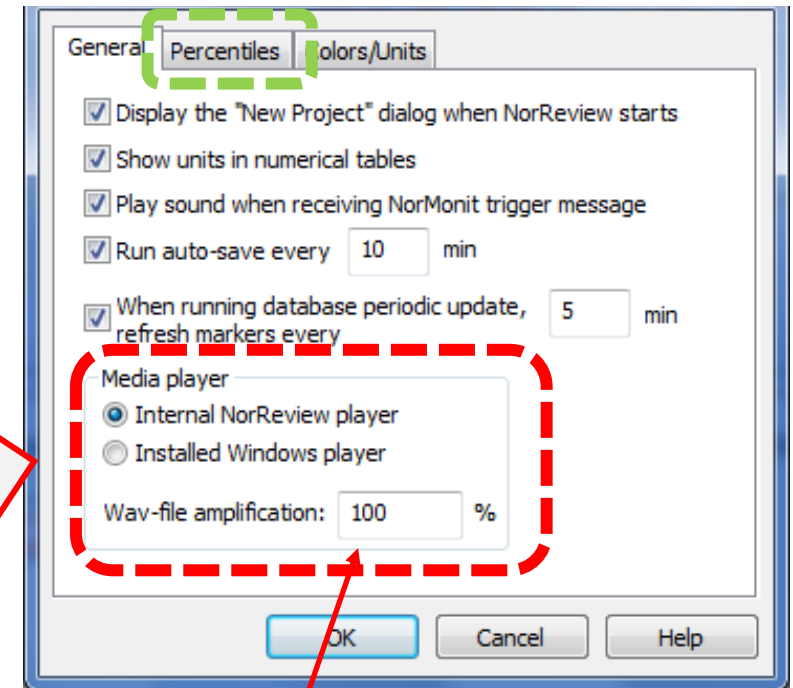
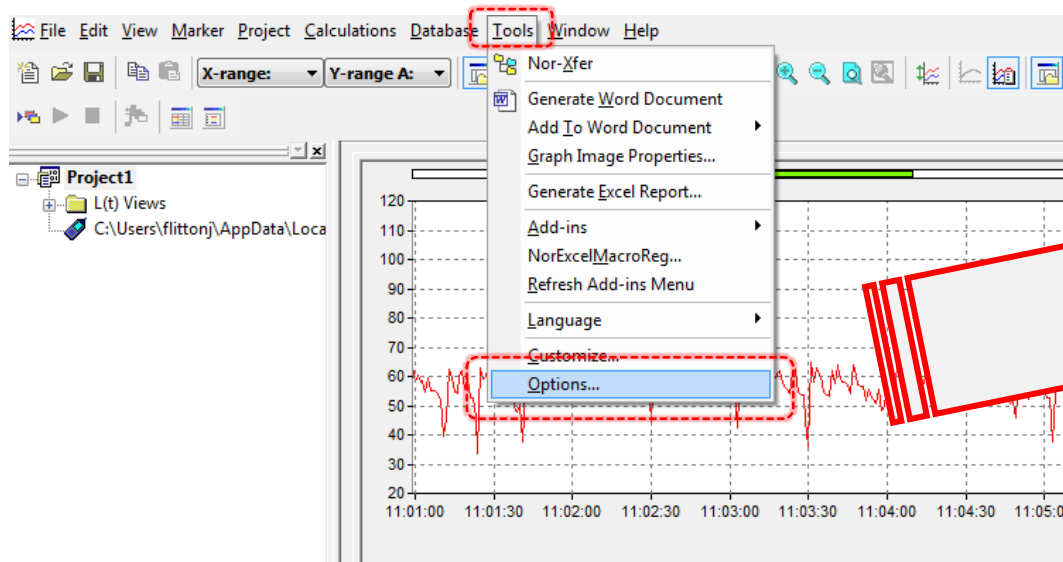
1. Select View
2. Select Legend





To set the playback of audio recordings to NorReview Player  
*Instead of Windows Media Player go to:*

1. Select Tools
2. Select Options



**Need to set your Percentiles? L10 & L90**

Go to the Percentiles tab in the options menu

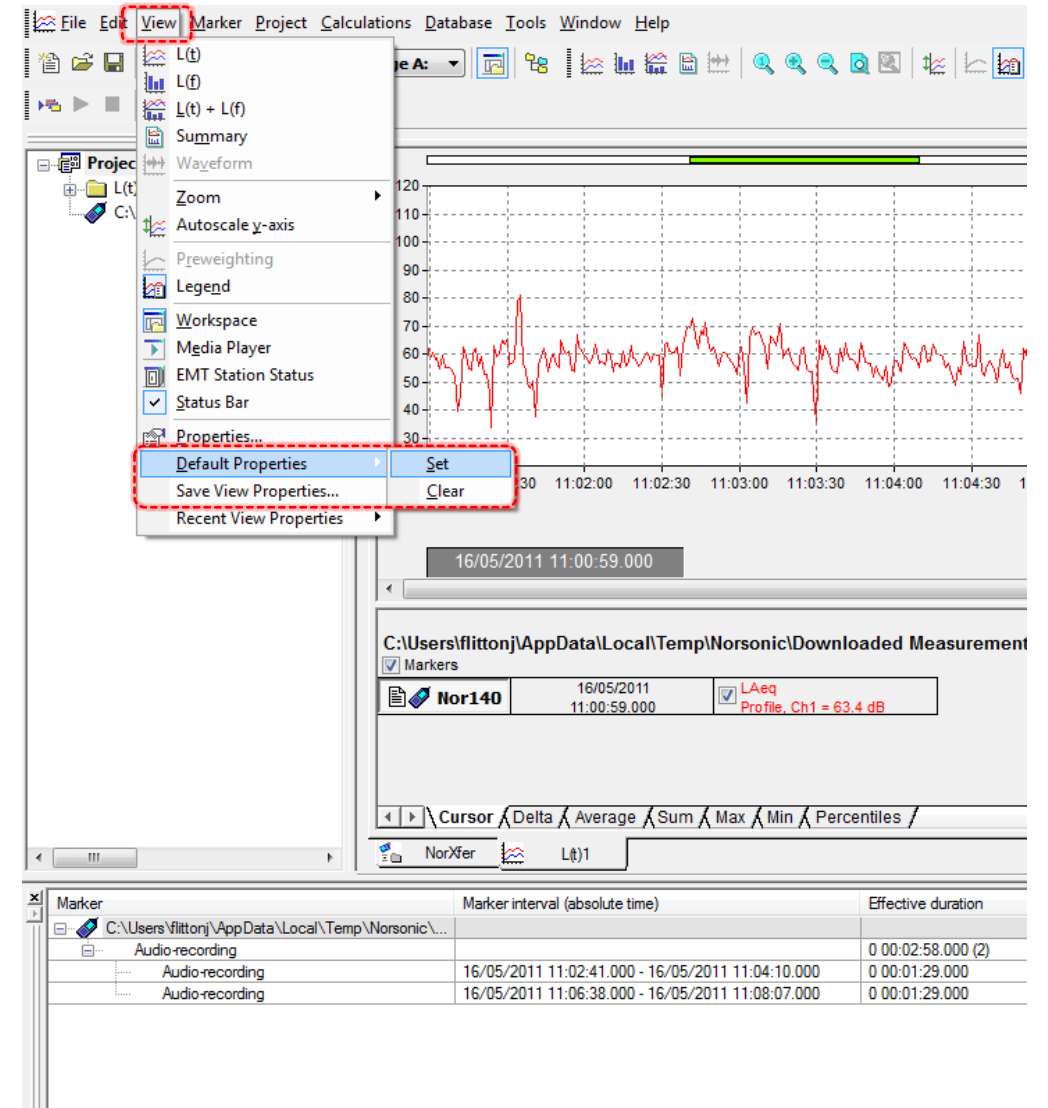
**Wav-file amplification**

You can increase the audio output up to 500%

To set the settings in NorReview as the default

1. Select View
2. Select Default Properties
3. Select Set

Your settings will be automatically set next time you load up NorReview.




The screenshot shows the NorReview software interface. The 'View' menu is open, and the 'Default Properties' option is selected. A sub-menu is visible with 'Set' and 'Clear' options. The 'Set' option is highlighted. The background shows a waveform plot and a data table.

Marker	Marker interval (absolute time)	Effective duration
C:\Users\flittonj\AppData\Local\Temp\Norsonic\...		
Audio-recording		0 00:02:58.000 (2)
Audio-recording	16/05/2011 11:02:41.000 - 16/05/2011 11:04:10.000	0 00:01:29.000
Audio-recording	16/05/2011 11:06:38.000 - 16/05/2011 11:08:07.000	0 00:01:29.000

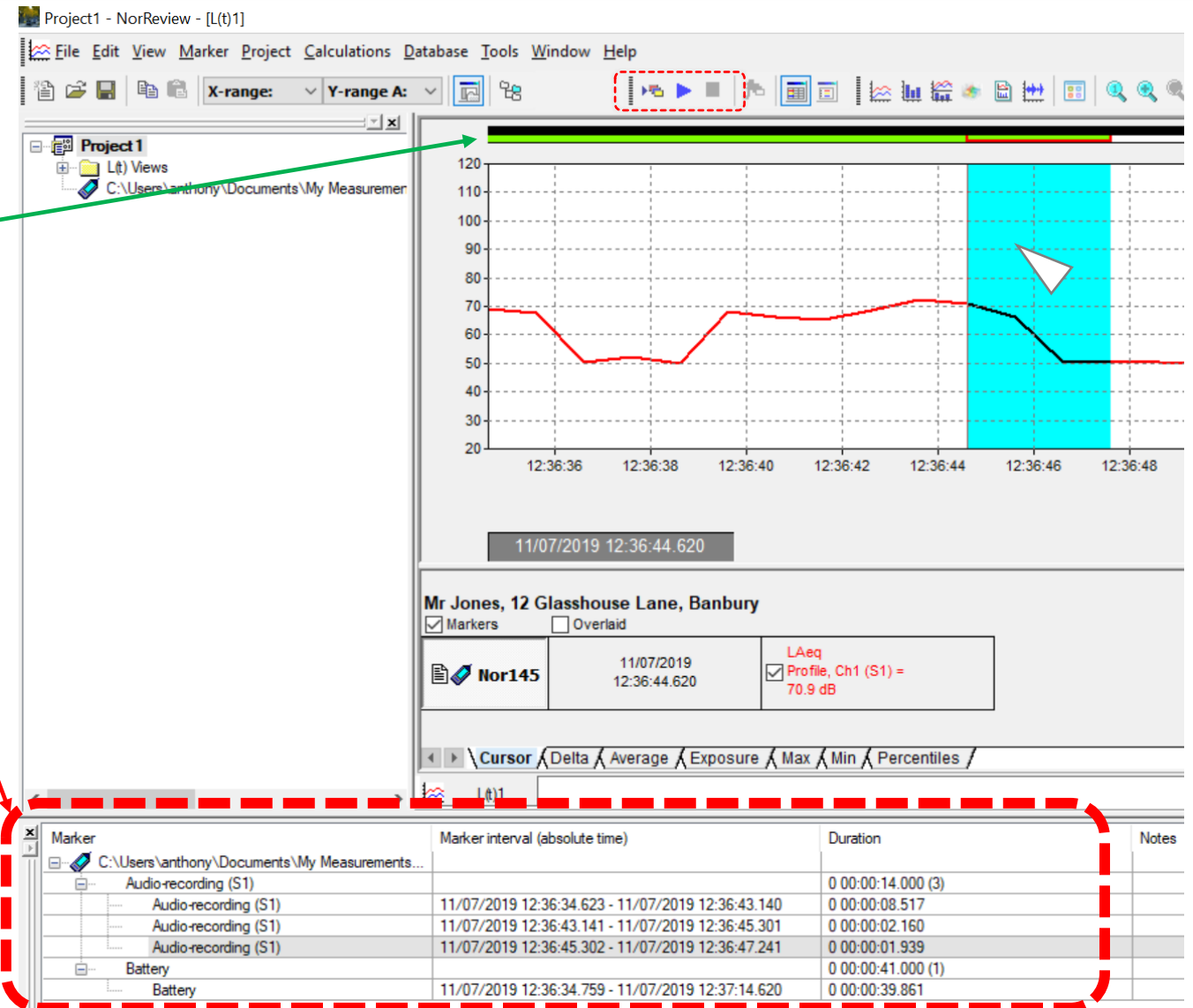
## Audio recordings can be seen in two locations

- As green marker bars
- In the marker management window

## To **START** or **STOP** a recording

- Use the Blue Play Icon 
- Press the SPACE bar on your keyboard.

*You can use your mouse to start the recording Half way through if you prefer by clicking in the graph.*

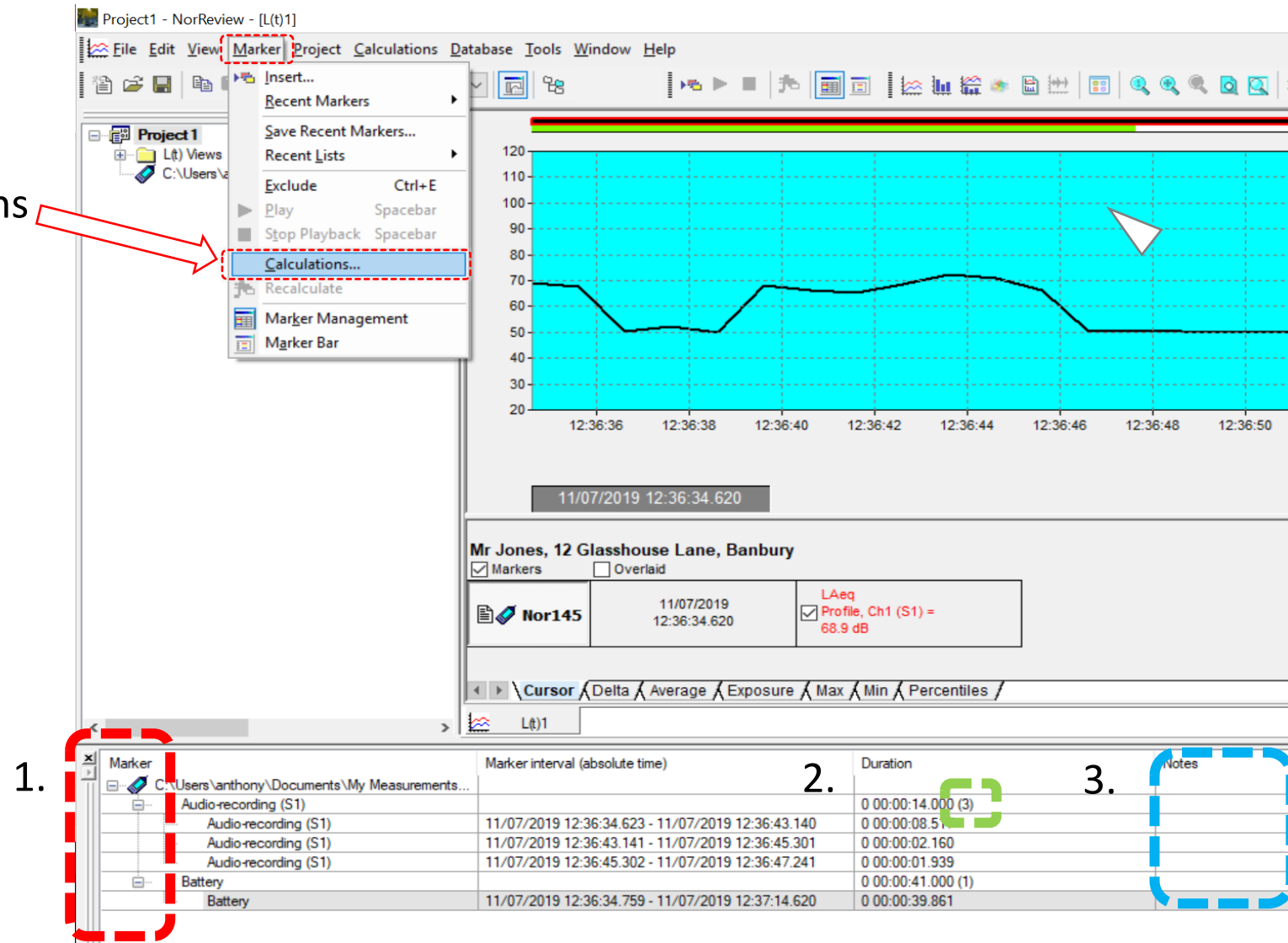


Use the Marker menu to run calculations on each marker.

1. Use the + button to expand the menu.

2. (Number) in brackets tells you how many Markers there are.

3. You can enter notes into each marker  
By pressing the F2 key.



The screenshot shows the software interface with the 'Marker' menu open. The 'Calculations...' option is highlighted. Below the graph, a marker is selected with the following details:

Mr Jones, 12 Glasshouse Lane, Banbury  
 Markers  Overlaid  
 Nor145 11/07/2019 12:36:34.620 LAeq Profile, Ch1 (S1) = 68.9 dB

Below the graph is a table of markers:

Marker	Marker interval (absolute time)	Duration	Notes
Audio-recording (S1)	11/07/2019 12:36:34.623 - 11/07/2019 12:36:43.140	0 00:00:14.000 (3)	
Audio-recording (S1)	11/07/2019 12:36:43.141 - 11/07/2019 12:36:45.301	0 00:00:02.160	
Audio-recording (S1)	11/07/2019 12:36:45.302 - 11/07/2019 12:36:47.241	0 00:00:01.939	
Battery	11/07/2019 12:36:34.759 - 11/07/2019 12:37:14.620	0 00:00:41.000 (1)	
Battery		0 00:00:39.861	

# Insert your own marker

To create your own marker

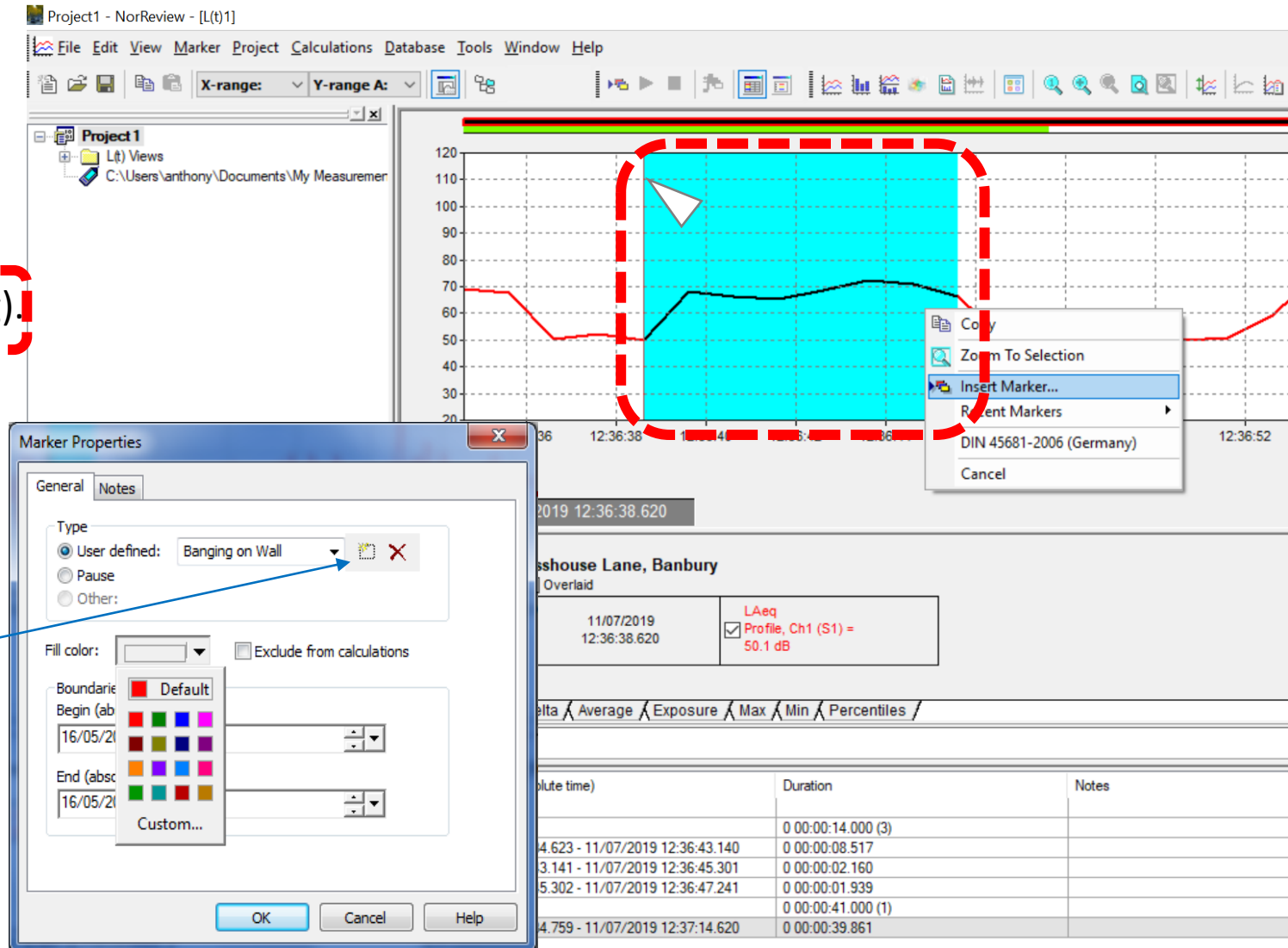
1. Highlight Area of graph. (Left click and drag).

2. Select **Insert Marker...**

or use a recent marker

4. Under **User Defined**: Type a marker name

Use the Dotted Square to save the marker.



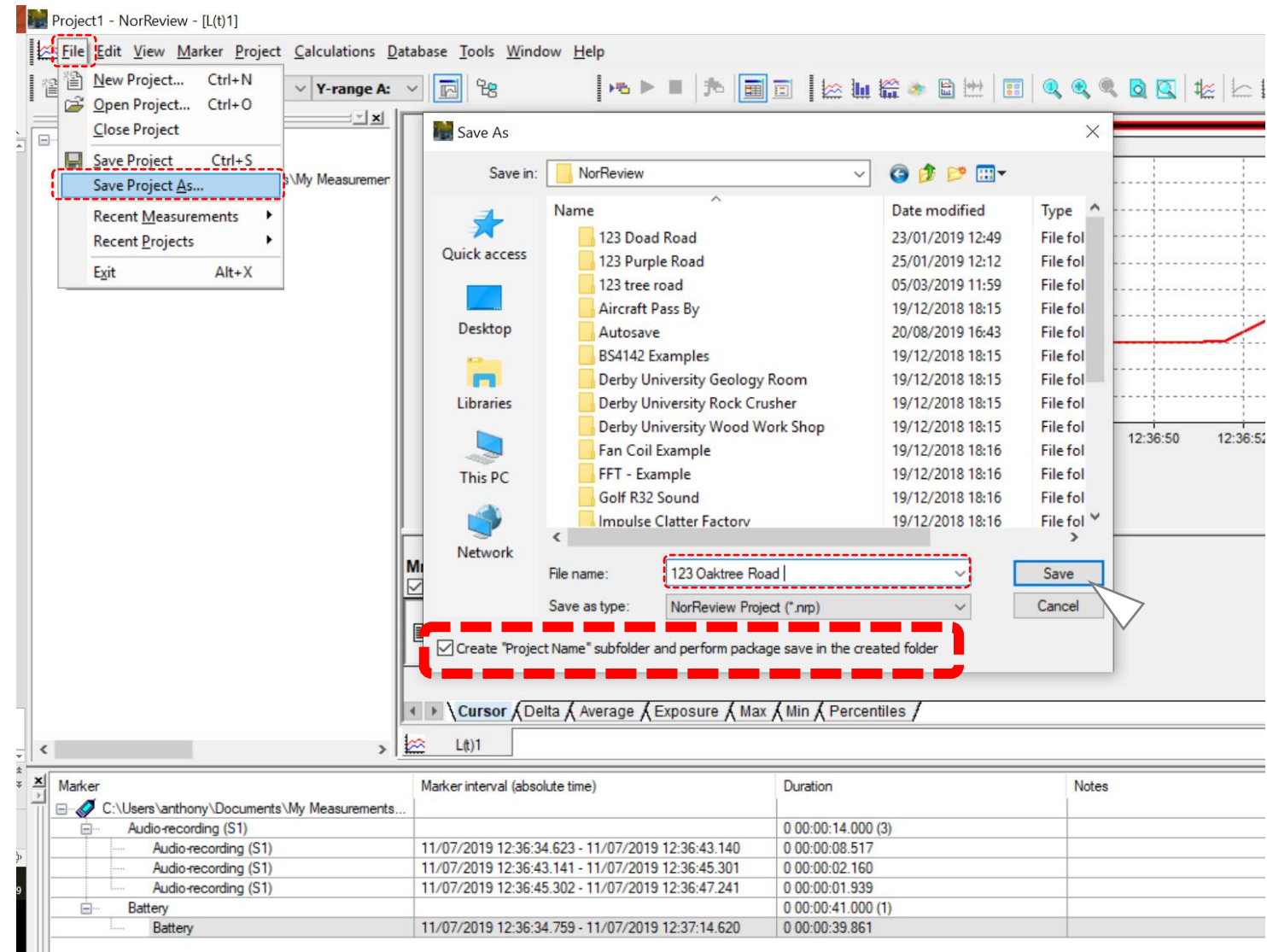
The screenshot shows the software interface for 'Project1 - NorReview - [L(t)1]'. A graph displays a red line and a black line. A cyan rectangular area is highlighted on the graph, and a context menu is open over it, with 'Insert Marker...' selected. The 'Marker Properties' dialog is open, showing the 'General' tab. Under 'Type', 'User defined' is selected with the name 'Banging on Wall' and a dotted square icon. The 'Fill color' is set to 'Default'. The 'Boundary' section shows 'Begin (ab)' and 'End (abs)' both set to '16/05/21'. The 'OK' button is highlighted.

To save the project and audio recordings go to:

1. File
2. Save Project As...
3. Name the project folder

4. Tick the box!

- ✓ Tick! Create "Project Name" subfolder and perform package save in the created folder
- ✓ package save in the created folder



The screenshot shows the software interface for saving a project. The 'File' menu is open, and 'Save Project As...' is highlighted. The 'Save As' dialog box is open, showing a list of folders and files. The 'File name' field is set to '123 Oaktree Road', and the 'Save as type' is 'NorReview Project (\*.nrp)'. The checkbox 'Create "Project Name" subfolder and perform package save in the created folder' is checked. The 'Save' button is highlighted.

Marker	Marker interval (absolute time)	Duration	Notes
C:\Users\anthony\Documents\My Measurements...			
Audio-recording (S1)		0 00:00:14.000 (3)	
Audio-recording (S1)	11/07/2019 12:36:34.623 - 11/07/2019 12:36:43.140	0 00:00:08.517	
Audio-recording (S1)	11/07/2019 12:36:43.141 - 11/07/2019 12:36:45.301	0 00:00:02.160	
Audio-recording (S1)	11/07/2019 12:36:45.302 - 11/07/2019 12:36:47.241	0 00:00:01.939	
Battery		0 00:00:41.000 (1)	
Battery	11/07/2019 12:36:34.759 - 11/07/2019 12:37:14.620	0 00:00:39.861	