

# CATT-Acoustic

CATT-Acoustic software allows us to, among other things, go through the basic stages of interior space acoustics modelling, such as:

- Transferring the interior's geometry into a computer model
- Entering the acoustic parameters of upholsteries
- Performing acoustic parameter simulations

The software in its newest version is available on the producer's website, <http://catt.se/>.



The screenshot shows the CATT-Acoustic website. On the left is a navigation menu with links like 'Company info', 'What's new?', 'Room acoustics', 'Prediction', 'Auralization', 'CATT-Acoustic™ with TUCT™', 'Modeling', 'Surface properties', 'Source directivity', 'PL9 file viewer', 'CATT 3D-viewer', 'The FIRReverb Suite™', 'PureVerb™', 'MultiVolver™', 'RefPhinder™', 'Free Software', 'GratissWavPlayer™', 'PLT, PL9 and OGL-viewers', 'Users', 'Projects and more', 'References', 'Versions', 'Distributors', 'Download area', 'Papers', 'WWW links', 'Measurement software', 'B-format microphones', and 'Cartoons!'. The main content area features the CATT logo, a 3D rendering of a room with a green and red floor, and a software interface window. Below the logo, it says 'CATT-Acoustic™ v9 powered by TUCT™ released July 5, 2011 latest update March 26, 2014' with a link to 'TUCT overview'. A message from Internet Explorer is visible: 'Internet Explorer may block active content but it can safely be allowed, it is only the image changer for the above graphics.' The 'Company info' section lists products: 'CATT-Acoustic™ v9.0' (released Nov 22 2012) for room acoustics prediction and auralization; 'CATT TUCT™' (March 26, 2014) as a new software integrated in v9; 'MultiVolver WCP™' (Oct 29, 2010) as an offline multi-channel convolver; 'RefPhinder™' (Oct 29, 2010) as a B-format impulse response analysis tool; 'The FIRReverb Suite™ 5th Edition Oct 29 2010' including 'PureVerb™' for natural-sounding FIR reverberation, 'MultiVolver™' for multi-channel reverberation, and 'MultiVolver VST™'; and 'RefPhinder™' standalone license (Oct 29, 2010). At the bottom, there is a notice: 'This site uses Graphics on Demand to avoid unnecessary time-consuming graphics transfers. Click the symbol when an illustration of interest is indicated and it will be displayed in this frame. There are well over one hundred GIFs with screen shots, sample models and graphics. Enlarge this frame as required to view large graphics.'

Installer of a functional demo version is located in „**Download area**” section:

CATT-Acoustic / The FIRReverb Suite... | catt.se

## Download area

[CATT-Acoustic™](#) [full demo download] [Syn-Aud-Con Newsletter feature]  
[The FIRReverb Suite™](#) [download]  
[RefPhinder™](#) [download]  
[DLL Directivity Interface](#) [info material] (DDI)  
[Free software](#) [download] [GratisVolver™](#), [GratisWavPlayer™](#) free software, CATT v8 PLT-, v9 PL9 and OGL-viewers

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### CATT-Acoustic™ (for 32-bit Windows)

#### v9.0 demo download

The demo is free but the installation lacks a small key-file.  
To receive the key the following information IS REQUIRED:

- name
- company/organization affiliation or other indication of professional interest or background in acoustics (university acoustics students give university and department name)
- postal address

Send an e-mail to [CATT\\_demo@catt.se](mailto:CATT_demo@catt.se) with the information above, and preferably the word CATTDEMO in the Subject: and the key-file will be returned (1 kB).

[CATTdemo.EXE](#) v9.0c Build 2 (refreshed with minor fixes), 26-MAR-2014, 16.861 kB,  
 self-extracting installation.  
 Includes TUC7™ v1.1a:3

**Note 1:** previous demo testers can use an originally supplied Xtra32.DAT key also with an updated demo but an old Xtra32.DLL will not work, a new demo request has to be made.  
**Note 2:** for those only interested in viewing v8 PLT-files, v9 PL9-files or OGL-files the [standalone viewers](#) can be downloaded instead.  
**Note 3:** in a few cases it has happened that the separate data-installer did not start when CATT-Acoustic was run for the first time (calculations will then fail since no Surface properties library can be found). If so, close CATT-Acoustic and run the installed `cattdemo_data.exe` and when restarting CATT-Acoustic select File|Preferences and confirm the CATTDATA folder and select your Prefs.

Syn-Aud-Con Newsletter feature

[synaudcon\\_catt-a.pdf](#) 20-JAN-2004, 2.92 MB, Syn-Aud-Con Newsletter, vol 32, No.1  
 "Predicting acoustical performance with CATT-A", Pat Brown.

#### DLL Directivity Interface (DDI) info material

[Vieworahs](#) 623 kB, from the 108th AES convention in Paris Feb 19-22.

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To launch CATT-Acoustic we need a license in form of a small file called **Xtra32.DAT**, which we can obtain after sending an e-mail entitled **CATTDEMO** containing the Reader's first and family name, the name of the university and a postal address to an e-mail address: `demo@catt.se`. After copying the received file to CATT's main installation folder the program is ready for work.