

CIPIC Interface Lab HRTF Database Release 1.1



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Contents:

anthropometry

anthro.mat
read_me.txt

doc

anthropometry.pdf
hrir_data_documentation.pdf
show_data_manual.pdf

special_kemar_hrir

kemar_frontal
large_pinna_frontal.mat
small_pinna_frontal.mat
read_me.txt
kemar_horizontal
large_pinna_final.mat
small_pinna_final.mat
read_me.txt

standard_hrir_database

show_data
show_data.m
[plus 39 additional m files]
subject_003
hrir_final.mat
subject_008
hrir_final.mat

...

subject_165
hrir_final.mat

read_me.txt

Notes:

1. Brief explanations of the contents of the various directories are given in the corresponding read_me.txt files.
2. The head-related impulse response data for the 45 subjects is stored in the standard_hrir_database directory. The data for a subject is in a MATLAB[®] array that is always named hrir_final.mat.
3. Detailed documentation for the format of the standard hrir data is given in hrir_data_documentation.pdf.
4. The show_data.m program can be used to inspect this data. It requires MATLAB version 5.x or greater, and can be run directly from the CD-ROM.
5. subject_021 is KEMAR[®] with large pinnae and subject_165 is KEMAR with small pinnae. Additional but non-standard KEMAR hrir data that provides uniform angular sampling in the horizontal and the frontal planes is in special_kemar_hrir.
6. Visit our website for more information and future upgrades:
<http://interface.cipic.ucdavis.edu>