

The Best Impulse Responses for Use with Virtual Organs

About these selections: I evaluated many impulse responses (IRs) from various sources and found them to be of varying quality. What you see below is what I consider the best of freely available IRs. Anything that was cut short, metallic or mechanical sounding was not included in the listing below. A note about one of the sources, "Samplicity." The Samplicity M7 IRs are generated with an expensive hardware unit, the Bricast M7. The samples here are part of a larger package. I found the Samplicity M7 reverbs to have a natural sound, just as good as samples made from real environments. Due to copyright and license restrictions of some of the authors, I decided to make a list with clickable download addresses rather than compile a collection for download. Have fun.

Reference number	Name of Impulse Response	Length T60	Description	Author	Download address:
1	<i>St. Albans</i>	1.11	Very full and rich for such a short reverb	OpenAIR	http://www.openairlib.net/auralizationdb/content/lady-chapel-st-albans-cathedral
2	<i>Small Church Schellingwoude</i>	1.79	Full bodied, short church reverb. Realistic small room reverb.	Fokke	http://fokkie.home.xs4all.nl/IR.htm#Schellingwoude
3	<i>St. Margeret's</i>	1.80	Low frequency lingering chorus	OpenAIR	http://www.openairlib.net/auralizationdb/content/st-margarets-church-national-centre-early-music
4	<i>St. Andrews</i>	1.92	Short and bright	OpenAIR	http://www.openairlib.net/auralizationdb/content/st-andrews-church
5	<i>Terry's Typing Room</i>	2.16	Good medium length reverb	OpenAIR	http://www.openairlib.net/auralizationdb/content/terrys-typing-room
6	<i>St. Patrick's</i>	2.30	Good small room reverb that carries the brightness a little.	OpenAIR	http://www.openairlib.net/auralizationdb/content/st-patricks-church-patrington
7	<i>Berliner Hall</i>	3.06	Pretty Good balance of depth and brightness.	Samplicity M7	http://www.samplicity.com/bricasti-m7-impulse-responses/
8	<i>Amsterdam Hall</i>	3.17	Ok. Less depth. Lots of brightness for 3.17	Samplicity M7	http://www.samplicity.com/bricasti-m7-impulse-responses/
9	<i>auc-ir close</i>	3.39	close with a clear, soft reverb in the background	Freesound/SandyRB	http://www.freesound.org/people/sandyrb/packs/2634/
10	<i>East Church</i>	3.41	Well balanced church with a bit of a swirl at the end.	Samplicity M7	http://www.samplicity.com/bricasti-m7-impulse-responses/
11	<i>Tanglewood</i>	3.60	Balanced with less brightness, slow swirl.	Samplicity M7	http://www.samplicity.com/bricasti-m7-impulse-responses/
12	<i>auc-ir ambient</i>	3.88	A bit nasal in the equalization. Nice finish.	Freesound/SandyRB	http://www.freesound.org/people/sandyrb/packs/2634/
13	<i>auc-ir combi</i>	3.91	about a 3 Hz swirl can be heard. Upper is nice. Not much bass.	Freesound/SandyRB	http://www.freesound.org/people/sandyrb/packs/2634/
14	<i>St. Gerold</i>	3.96	A bit nasal equalization with an echo pulse of about 4 Hz	Samplicity M7	http://www.samplicity.com/bricasti-m7-impulse-responses/
15	<i>Nuclear Reactor Hall</i>	3.99	Almost a cathedral reverb. 1.5 Hz swirl. Carries brightness.	OpenAIR	http://www.openairlib.net/auralizationdb/content/r1-nuclear-reactor-hall
16	<i>North Church</i>	4.01	Well balanced church with a slow swirl throughout.	Samplicity M7	http://www.samplicity.com/bricasti-m7-impulse-responses/

17	South Church	4.19	Balanced, less brightness, about 2 Hz swirl	Samplicity M7	http://www.samplicity.com/bricasti-m7-impulse-responses/
18	St. Sylvain	4.48	Bright. 1.5 Hz swirl.	Samplicity M7	http://www.samplicity.com/bricasti-m7-impulse-responses/
19	Ely Lady Chapel	4.68	Cathedral reverb with an initial wobble that quickly passes and then fades to infinity. Very rich, but doesn't obscure the music.	JezWells	http://www.jezwells.org/Computer_music_tools.html
20	Arundel Cathedral Nave	4.79	Like Ely only a slow, 2 Hz wobble throughout.	JezWells	http://www.jezwells.org/Computer_music_tools.html
21	West Church	5.26	Balanced with brightness and a 3 Hz swirl	Samplicity M7	http://www.samplicity.com/bricasti-m7-impulse-responses/
22	York Minster Cathedral	5.76	Rich, full, swirling. May obscure clarity, pay attention to wet-dry mix.	OpenAIR	http://www.openairlib.net/auralizationdb/content/york-minster
23	Hamilton Mausoleum	7.01	Highs fade, midrange and bass seem to hang forever	OpenAIR	http://www.openairlib.net/auralizationdb/content/hamilton-mausoleum
24	Humprecht Castle (Czech Rep.)	9.75	Stately 4.5 Hz wobble with waves fading forever. May do better with more dry signal in the mix with the wet reduced.	Freesound/Zazvurek	http://www.freesound.org/people/J.Zazvurek/packs/6404/

Name of Organ	Should Work Best With
ACO 2P/36	1-8
ACO 3P/49	6-13
ACO 4P/105	10-22
Burea Church Extended	11
Burea Church Original	11
English Cathedral	19-22
English Organ 2M	3-4,17-20
Kalvtrask organ	1-5
Pitea MHS	10-13
Silbermann FK	20-24
Silbermann SK	16-20
Silbermann VO	1-4
Ste. Madeleine	10-18
Stiehr-Mockers	1-6