

The University of Iowa MRI Research Center



# MRI Simulator Sounds

Simulator Noises & Microphone Instructions

2010

# Laptop

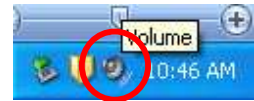
## Mock Scanner Sounds Instructions

### STARTING THE SOFTWARE:

1. If SimEffects is not running, double-click the "SimEffects" icon on the desktop. (Click OK if a message appears.)



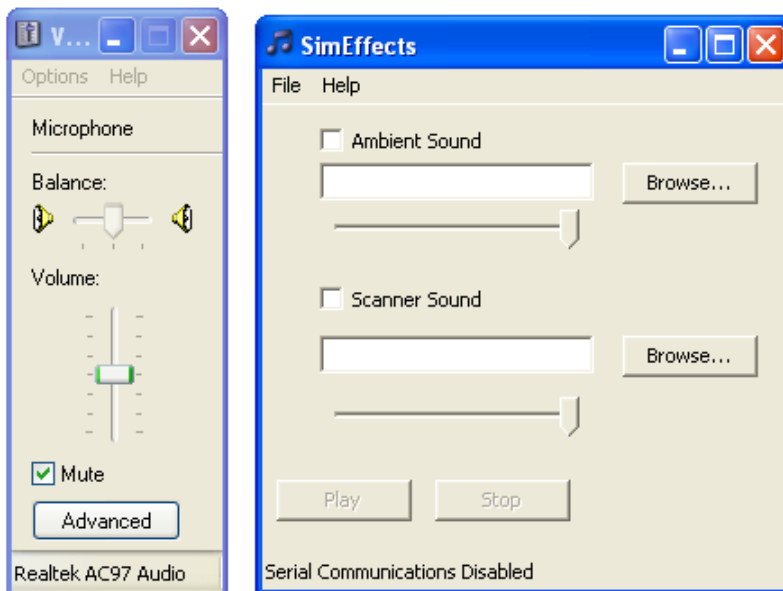
2. To use the microphone, locate the volume control in the system tray and **right-click** the icon.




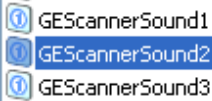
Choose "Open Volume Control"

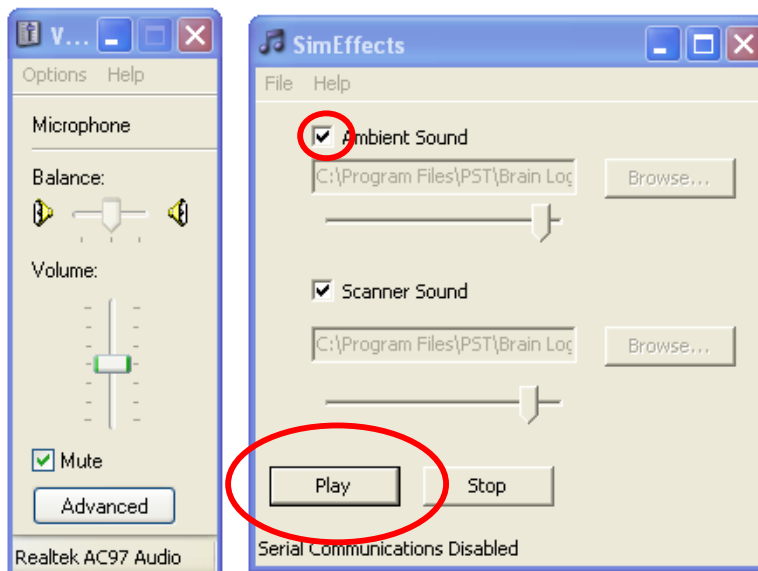


3. The desktop should resemble the following:

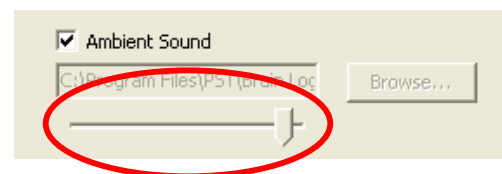


## PLAYING SIMULATOR SOUNDS:

1. To enable the ambient scanner sounds, click on "Browse..." next to "Ambient Sound" and double-click the "AmbientNoise" mp3 file. 
2. Next, click "Browse..." to the right of "Scanner Sound". There are 3 simulated sounds available. 
3. Click the check boxes for both (or either) of the sounds and click the Play button.



4. The volume for each sound can be adjusted independently by moving the slider left or right.



5. To play a different scanner sound, uncheck the box next to "Scanner Sound" and click "Browse..." Choose a new scanner sound and re-check the scanner sound box to play the new sound. The ambient sound will continue to play.

## USING THE MICROPHONE:

1. If the microphone is muted, check the “Mute” box in the Volume Control box to turn on the microphone. (See step 6 for check box location.)
2. All sounds produced by the microphone are played through the mock scanner’s speakers, not the headphones. Adjust the volume for the microphone in the Volume Control box to meet your needs.

## WHEN YOU ARE DONE USING THE MOCK SCANNER:

1. Click “Stop” in the SimEffects player. Leave the SimEffects and Volume Control programs open.
2. Mute the microphone.
3. Leave laptop on; it will hibernate after one hour.

## Troubleshooting Topics

Problem	Possible Solution(s)
<p>No sounds are coming from the mock scanner when SimEffects is started.</p>	<ol style="list-style-type: none"> <li>1. Check that the <u>mock scanner</u> is plugged in and turned on. (see mock scanner "How To".)</li> <li>2. Ensure the volume slider for the sound file is set high enough to work properly within the SimEffects program. (see step 7 above.)</li> <li>3. Verify that the black 3.5mm black cable is plugged into both the laptop and the simulator.</li> <li>4. Left-click the volume control icon in the system tray <b>once</b>. (reference step 2 above to locate icon) Adjust the volume control as necessary.</li> </ol>
<p>Laptop screen is black.</p>	<ol style="list-style-type: none"> <li>1. The laptop display is set to turn off after an hour of inactivity. Push any key on the laptop keyboard or move the mouse to activate the screen.</li> <li>2. Push the power button once (located near the screen at the top right of the laptop keyboard). This will shut the computer down. Once the computer is shut down, push the power button again to re-start the laptop.</li> </ol>
<p>No scanner sounds are coming from the headphones.</p>	<ol style="list-style-type: none"> <li>1. Scanner sounds only come from the built in speakers within the mock scanner. The headphones output sounds from the desktop stimulus (movie, experiment) computer.</li> </ol>