

Composition: Electronic Media II

February 27, 2008

Disk Recorder and Sum of Sines

- To record the Sum of Sines module with realtime playback, do the following:
 - Set up the Sum of Sines module to produce the desired music results, as discussed earlier.
 - Notice the Sum of Sines icon in the flow chart, as shown below:



- Go to Disk>Prototypes>DiskRecorder, as pictured below:



- Observe the line between the Sum of Sines module and the speaker icon in the flow chart.
- Drag the DiskRecorder prototype and drop it onto the line described above.
- The DiskRecorder should now appear between the Sum of Sines module and the speaker icon, as shown below:



- Double-click on the DiskRecorder icon to open its editor, as shown below:

FileName Larry	WordSize 8 16 24	Format AIFF SDI SDII WAVE IRCAM
Input SumOfSines	Trigger !Gate <input checked="" type="checkbox"/> Gated	Channels Mono Stereo
CaptureDuration 20 s		

DiskRecorder

Enter the values in the parameter fields as shown above. These values are”

- For **Filename**, click on the disk icon and create a filename, such as “larry” to be written and stored in your desired location.
- For **Wordsize**, select “16”.
- For **Format**, select “AIFF”.
- For **Trigger**, type the hot parameter “!Gate”.
- For **Gated**, select the check box on,
- For **Channels**, select mono or stereo.
- For **CaptureDuration**, select “30 s” for 30 seconds of recorded time. Use any number you wish.

Frequency0 default hz * (2.0 ** (Interval / 12.0))	Frequency1 0 hz	OnDuration 4 s * (2 - !Rate)	
Analysis0 larry	Analysis1 bali1 s256	DBMorph 0	PchMorph 0
Gate 1	Envelope 1	<input checked="" type="checkbox"/> Loop	LoopStart !Start
			LoopEnd !Start + !Length
NbrPartials 120	BankSize default	<input type="checkbox"/> CtrlTime	TimeIndex !Index * 2 - 1

SumOfSines