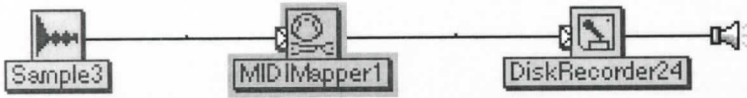


025:250 Composition: Electronic Media I
 A Basic Sampler in Kyma
 Nov. 6, 2001

1) Flowchart of Sounds.



Sampling>Sample
 MIDI In>MIDI Mapper
 Disk>Disk Recorder

2) Parameter Fields for **DiskRecorder**.

FileName larryrecord		WordSize ◇ 8 ◇ 16 ◇ 24	Format ◇ AIFF ◇ SDI ◇ SDII ◇ WAVE ◇ IRCAM
Input MIDI Mapper1	Trigger lrecording	<input checked="" type="checkbox"/> Gated	Channels ◇ Mono ◇ Stereo
CaptureDuration 20 m			

Filename
 Input
 WordSize
 Trigger
 CaptureDuration
 Format
 Gated
 Channels

3) Parameter Fields for **MIDI Mapper**.

Source ◇ MIDI Input ◇ MIDI File ◇ Script	MidiFile perc.mid	Map !Speed is: ((Speed min: 0.25 max: 1) displayAs: #fader). !Forward is: ((Forward min: -1 max: 1 grid: 2) displayAs: #gate). !OnOff is: ((OnOff min: 0 max: 1 grid: 1) displayAs: #toggle)
Channel 1	Left 1	Right 1
Polyphony 1	LowPitch 0 nn	HighPitch 127 nn
Script self controller: !Forward setTo: 1 atTime: 0 s. self controller: !LoopStart setTo: 0 atTime: 0 s. self controller: !LoopDur setTo: 1 atTime: 0 s. self controller: !OnOff setTo: 1 atTime: 0 s. self controller: !Speed setTo: 1 atTime: 0 s. 1 to: 10 do: [:i]		

MIDI Input
 Channel
 Polyphony

4) Parameter Fields for **Sample**.

Sample count	Frequency lpitch	<input type="checkbox"/> FromMemoryWriter	
Gate lkeydown	Scale lvol	AttackTime 1 samp	ReleaseTime @6400.0 s
Start 0	End 1	LoopStart 0	LoopEnd 1

Reverse
 SetLoop
 LoopFade

Sample
 Gate
 Frequency
 Scale