Sonorous Noise for SynthBeats

Concepts:

Sonorous Noise is based around the idea that tones can be filtered out of noise. In the piece, two kinds of noise is utilized: white noise realized by blowing air into a computer microphone and acoustic feedback often considered a kind of noise in most audio reinforcement circumstances.

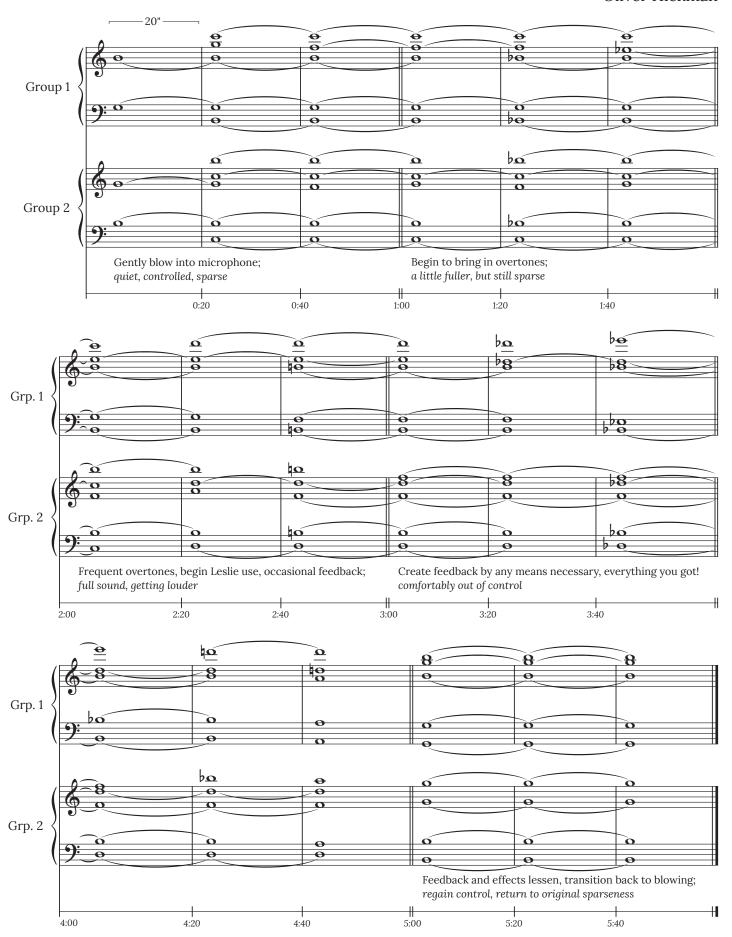
Performance:

Players should be split into two groups and follow the "score" on the following page. After loading their respective preset, all notes will be prepared. They will need to coordinate the starting of the timer at the bottom of the patch and follow the instructions indicated on the bottom line of the score.

There are a few effects built into the patch: delay, a Leslie speaker emulator, and an overtone generator based on several bands of the resonator. Holding the spacebar engages the Leslie; holding the up-arrow key brings in the overtones. Hacking is encouraged! If a player wants to add effect or utility, they are more than welcome to integrate their own.

Sonorous Noise

Oliver Hickman



Presets:

Presets are stored in JSON files and are organized by cumulative second. Should changes be desired, the structure is:

A visual representation of the data stored in the JSON is on the following page.

Group 1

355 375 5:55 6:00																							355 375 5:55 6:00																					
345 5:45			0	2.58			0	3.07			0	75.0	j		0	2 2	3			<u>o</u>	3.09		345			0	3.33				≥.	2.82	0	2.82			퇶		L		0	3.09	L	
335 5:35																							335 5:35																					
315 5:15																							315 5:15																					
295 4:55			0.25944	2.58			0.06476	195.998 3.07			0.04752	493.883	6		0.04159	783.991	3		010	0.01973	3.09		295 4:55			0.09041	123.471			1,000,0	195.998	2.82	0.03365	2.82							0.03124	7 83.991	L	
275 4:35	0.25944	2.58			0.06476	3.07			0.04752	2.57				587.33			0.01.973		0.024/3				275 4:35	0.05744	3.33			0.06864	220	70.7														3.09
255 4:15																	0.01419	1174.659	3.09				255 4:15											,							0.01318	932.328 3.09		
235 3:55							0.04752	233.082			L												235 3:55																L		L		L	
215 3:35			0.06864	4.09	0.10026	3.07					0.07687	466.164	17.7					1		0.01419	3.09		215	0.10026	138.591 3.33					0.00199	233.082	2.82					0.01754	554.365 2.36	: :					
195 3:15															0.03124	554.365	0.10	1108.731	3.09				195 3:15																					
175 2:55																						p 2	175 2:55																				0.01919	698.457
155 2:35		4.09					0.10026	174.614	0.03124	493.883			0.01 072	3.87						0.01254	2.08	Group 2	155 2:35					0.03881	246.942	07:7					0.02473	349.228	700.7				0.02093	987.767		
135 2:15												2, 2,7,8	0000	3.31					O PLOOD O	0.00/18	2.08		135 2:15			0.10026	146.832						0.02473	2.82					0.03365	587.33 2.36				
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75 1:15			0.20596	4.09	0.06864	3.07					0.01919	466.164 2 95	5			3.43	O.M.593		4.66				75 1:15							0.0000	233.082	2.26			0.02679	349.228	23.3						0.02093	932.328
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35 0:35															0.0278	698.457	1						35 0:35												0.02473	349.228	04.0							
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00:00					0.09525	1.5			0.04752	493.883													0.00					0.02869	Freq 246.942	C.1			0.02473	Band 1.5					L					
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	Bank1		Bank 2		Bank 3		Bank 4		Bank 5		Bank 6		Bank 7		Bank 8		Bank 9			Bank				Bank 1		Bank 2		Bank 3		Donly 4	Dalik		Bank 5		Bank 6		Bank 7		Bank 8		Bank 9		Bank	