

**"SUMMER MUSIC"**

A SOUND SCULPTURE IN TWO VERSIONS:  
30 MINS (AUTOMATED) AND  
~90 MINS (LIVE).

FOR ROLAND D-110 SYNTHESIZER  
AND IBM-PC RUNNING "SOUND  
GLOBS" SOFTWARE, PLAYED OUT  
OF 2, 4, or 8 LOUSPEAKERS.

THE SOUNDGLOBS FILE IS CALLED  
"KATHLEEN.SG" IT HAS 8 ACTIVE  
TEXTURES, EACH WITH A PITCH  
QUANTUM OF 1 CENT. EACH  
TEXTURE PLAYS ONE PITCH ONLY,  
AT ONE TEMPO, ON ONE MIDI CHANNEL.

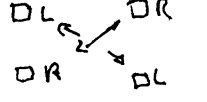
THE TIMBRES DEVELOPED ARE

PROGRAM SET NUMBERS →

1	2	3	4	5	6	7	8
GUITAR	FLUTE	AULOS	HARP	PIANO	FLUTE	VIBES	BASS
9	10	11	12	13	14	15	16
1 GUIT	2 FLUTE	3 AULOS	4 HARP	5 PIANO	6 FLUTE	7 VIBES	8 BASS
2 FORK	3 AULOS	4 HARP	5 PIANO	6 FLUTE	7 VIBES	8 BASS	
3 AULOS	4 HARP	5 PIANO	6 FLUTE	7 VIBES	8 BASS		
4 HARP	5 PIANO	6 FLUTE	7 VIBES	8 BASS			
5 PIANO	6 FLUTE	7 VIBES	8 BASS				
6 FLUTE	7 VIBES	8 BASS					
7 VIBES	8 BASS						
8 BASS							

TO PLAY ON 2 SPEAKERS, SIM  
HAVE THE SPEAKERS WIDELY  
SEPARATED.

FOR 4 SPEAKERS, STILL USE  
STEREO OUTPUTS ON SYNTH,  
AND CROSS SPEAKER PAIRS:

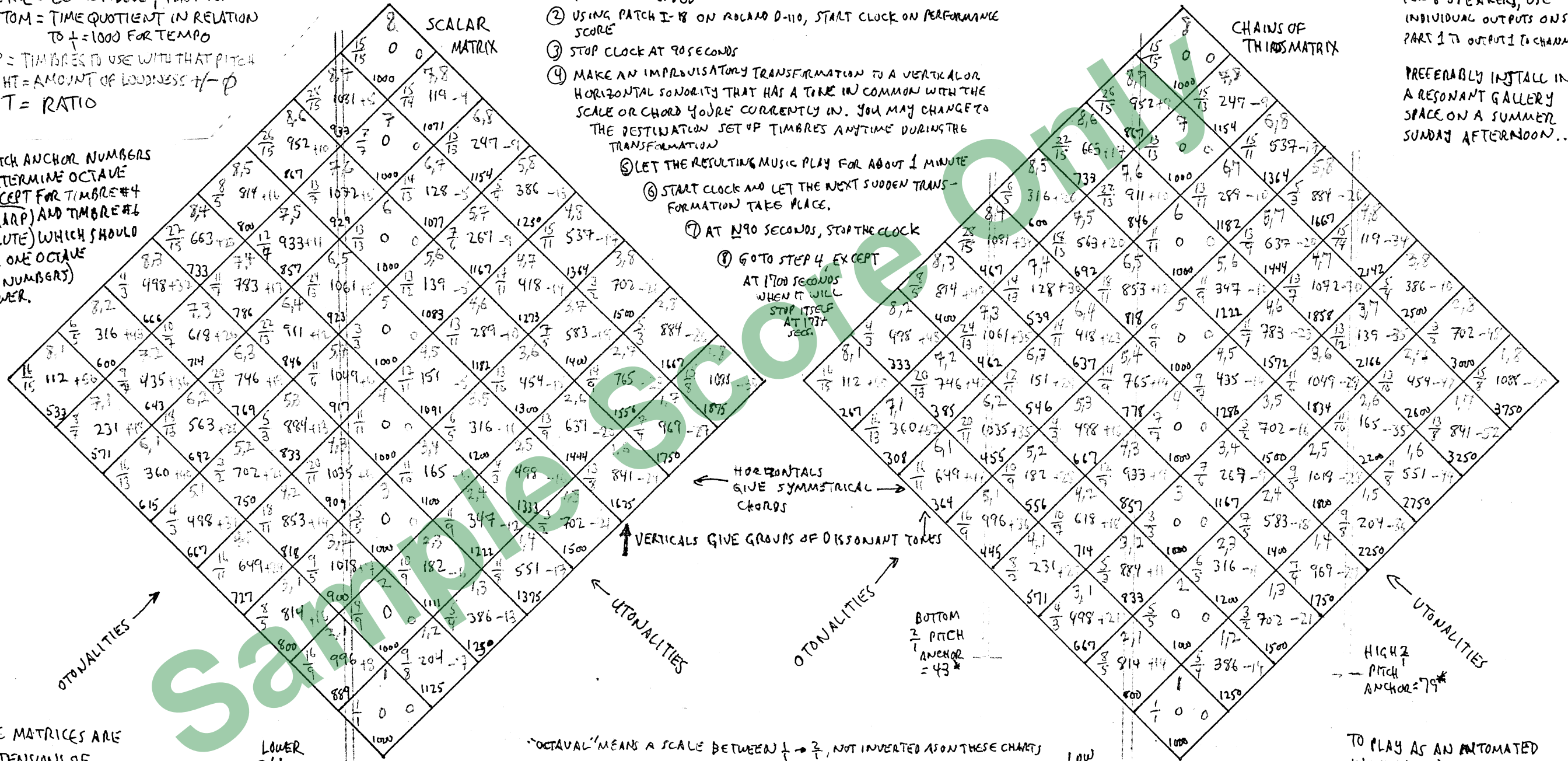


FOR 8 SPEAKERS, USE  
INDIVIDUAL OUTPUTS ON SYNTH  
PART 1 TO OUTPUT 1 TO CHANNEL 1

PREFERABLY INSTALL IN  
A RESONANT GALLERY  
SPACE ON A SUMMER  
SUNDAY AFTERNOON....

KEY TO NUMBER MATRICES: FOR EACH DIAMOND-  
CENTRE = CENTS ABOVE + FOR PITCH  
BOTTOM = TIME QUOTIENT IN RELATION  
TO + = 1000 FOR TEMPO  
TOP = TIMBRES TO USE WITH THAT PITCH  
RIGHT = AMOUNT OF LOUDNESS +/- φ  
LEFT = RATIO

\* PITCH ANCHOR NUMBERS  
DETERMINE OCTAVE  
EXCEPT FOR TIMBRE #4  
(HARP) AND TIMBRE #6  
(FLUTE) WHICH SHOULD  
BE ONE OCTAVE  
(12 NUMBERS)  
LOWER.



THE MATRICES ARE  
EXTENSIONS OF  
PATCH'S EXTENSIONS  
OF KATHLEEN SCHLESINGER'S  
JUST INTONATION SYSTEM  
FROM "THE GREEK AULOS".  
HERE THE OTONALITIES AND  
UTONALITIES ARE BASED ON  
THE RELATIONS OF HARMONICS  
8-9-10-11-12-13-14-15.  
(8 NOTE MODES)

LOWER PITCH ANCHOR = 55\*      UPPER PITCH ANCHOR = 67\*

\*OCTAVAL\* MEANS A SCALE BETWEEN 1/2 → 3/2, NOT INVERTED AS ON THESE CHARTS

TRANS AT.	KEY	SCALE	CHART OR OCTAVAL	MONO OR MULTI TIMBRAL	TRANS AT.	KEY	SCALE	CHART OR OCTAVAL	MONO OR MULTI TIMBRAL
300	7/4 U	SCALE	CH.	MONO PS7	800	1/10	THIRDS	CH.	MULTI PS9
400	3/2 U	THIRDS	CH.	MONO PS3	900	16/150	SCALE	OCT.	MULTI PS9
500	16/90	SCALE	CH.	MONO PS2	1000	15/8 U	THIRDS	OCT.	MONO PS8
600	16/130	SCALE	CH.	MULTI PS9	1100	9/8 U	THIRDS	OCT.	MONO PS5
700	1/1 U	THIRDS	CH.	MULTI PS9	1200	5/4 U	THIRDS	CH.	MULTI PS5

LOW PITCH ANCHOR = 55\*      MID 2/1 PITCH ANCHOR = 67\*

TRANS AT.	KEY	SCALE	CHART OR OCTAVAL	MONO OR MULTI TIMBRAL
1300	8/90	SCALE	OCT.	MONO PS7
1400	13/8 U	THIRDS	CH.	MULTI PS9
1500	4/30	THIRDS	CH.	MULTI PS9
1600	14/110	THIRDS	OCT.	MONO PS6

TO PLAY AS AN AUTOMATED  
INSTALLATION:  
STEPS 1 & 2 IDENTICAL WITH  
LIVE PERFORMANCE INSTRUCTIONS.  
STEP 3 - LET IT PLAY. IT TURNS  
ITSELF OFF AT 1734 SECS  
(CLOCK TIME) (REAL TIME IS LONGER).

NOV 6, 1990 ST. KILDA WEST  
Wana