

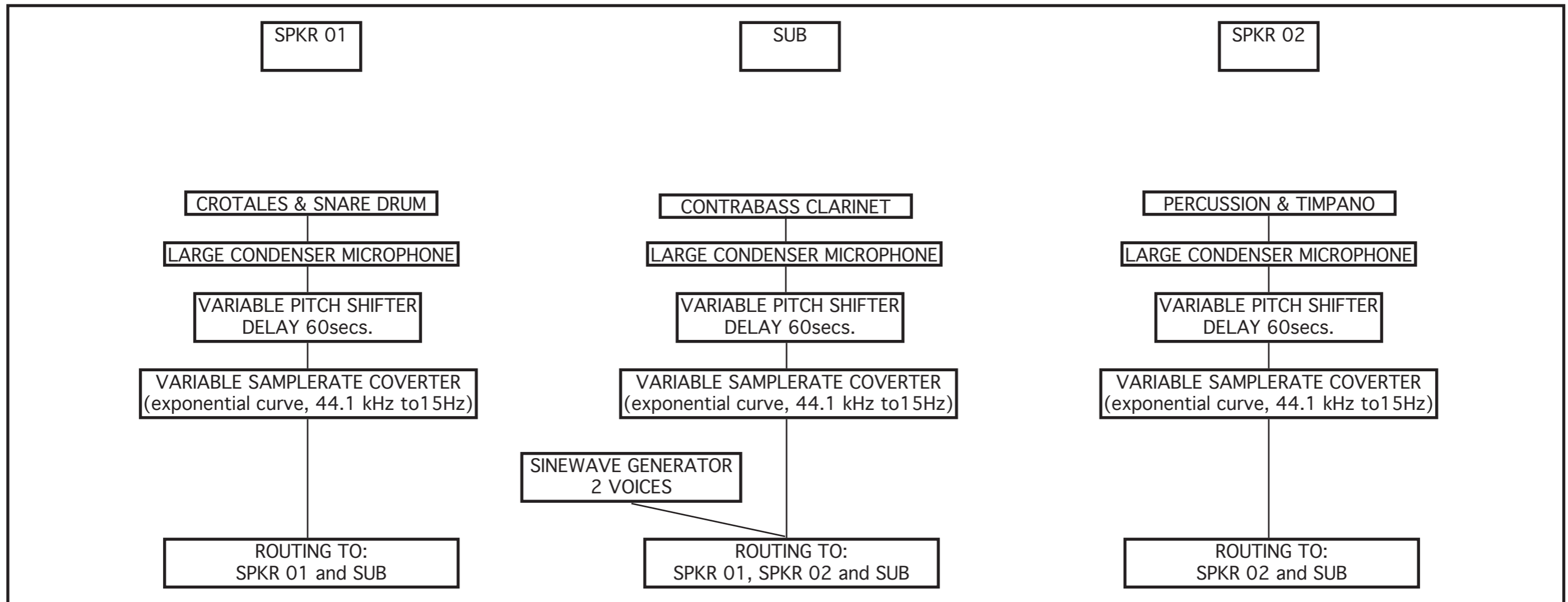
MARTIN LORENZ

OSCILLATIONS III (2014)

for Contrabass Clarinet, Crotales, Percussion and Electronics

www.martinlorenz.ch

Electronics Setup:



The amplitude levels of the instruments, the sinewave generators and the (transposed) feedback should be the same. Performers should strive for a consistently loud volume throughout. The mix engineer can provide assistance, including compression, as necessary and appropriate.

The score is divided into four systems, each with a time axis from 0:00 to 8:00. The first system features Crotales, with a pitchshifter and samplerate section above. The second system features Contrabass Clarinet and Sinewave. The third system features Percussion. The fourth system features Sinewave. The fifth system features Percussion. The sixth system features Sinewave. The seventh system features Percussion. The eighth system features Sinewave.

System 1: Crotales

- PITCHSHIFTER: ± 0 cents, -700 cents, +700 cents, +1400 cents, +700 cents, -700 cents, ± 0 cents, ± 0 cents, ± 0 cents. Note: THE PITCHSHIFTER'S OUTPUT IS DELAYED BY 60secs.
- SAMPLERATE: FULL SAMPLING RATE (44.1 kHz), 21'096 Hz, 10'548 Hz, 7'040 Hz, 4'698 Hz, 2'093 Hz.
- Musical notation: Treble clef, *mp*, arco, GRADUALLY FADE IN ROLL.

System 2: Contrabass Clarinet and Sinewave

- PITCHSHIFTER: -700 cents, ± 0 cents, ± 0 cents, +700 cents, ± 0 cents, ± 0 cents, +700 cents. Note: THE PITCHSHIFTER'S OUTPUT IS DELAYED BY 60secs.
- SAMPLERATE: FULL SAMPLING RATE (44.1 kHz), 3,44 Hz.
- Musical notation: Treble clef for Clarinet (*mf*), Treble clef for Sinewave.

System 3: Percussion

- PITCHSHIFTER: ± 0 cents, -700 cents, -1400 cents, ± 0 cents, -700 cents. Note: THE PITCHSHIFTER'S OUTPUT IS DELAYED BY 60secs.
- SAMPLERATE: FULL SAMPLING RATE (44.1 kHz), 6,88 Hz.
- Musical notation: Bass clef, METALLBLOCK, *pp*.

System 4: Sinewave

- Musical notation: Treble clef.

The score is divided into three systems, each with a P.S. (Pitch Shift) line, an S.R. (Sustained Resonance) line, and a musical staff. The time axis is marked from 9:00 to 18:00 in one-minute increments.

System 1 (9:00 - 18:00):
P.S.: ±0 cents, +700 cents, ±0 cents, +700 cents, ±0 cents, -700 cents, -700 cents, -700 cents, -700 cents.
S.R.: 8,18 Hz.
Musical Staff (C.R.T.): Starts with a *battuto* stroke. A *TUNED GONG ON SNAREDRUM* is indicated at 10:00. The staff features a melodic line with dynamics *mf* and *ff*, and includes *arco* markings and accidentals (b, #).

System 2 (9:00 - 18:00):
P.S.: +1400 cents, +1400 cents, +700 cents, +700 cents, +700 cents, ±0 cents, ±0 cents, +700 cents, +1400 cents.
S.R.: 6,88 Hz.
Musical Staff (C.B. CL.): Features a melodic line with dynamics *mf*, *ff*, and *f*. A *gna* marking is present at 13:00.

System 3 (9:00 - 18:00):
P.S.: ±0 cents, +700 cents, +700 cents, ±0 cents, +700 cents, +1400 cents, -700 cents, +700 cents, +1400 cents.
S.R.: 3,44 Hz.
Musical Staff (PERC.): Features a melodic line with dynamics *mp*, *mf*, and *f*. Includes markings for *TIMPANI* and *LARGE CYMBAL*.

OSCILLATIONS III for Contrabass Clarinet, Crotales, Percussion and Electronics

Musical score for CROTALES, CONTRABASS CLARINET, SINEWAVE, and PERCUSSION. The score is divided into measures from 0:00 to 8:00. CROTALES is marked *mp* and arco. CONTRABASS CLARINET is marked *mf*. SINEWAVE and PERCUSSION (METALLBLOCK) are marked *pp*. A "GRADUALLY FADE IN ROLL" instruction is present at the end of the CROTALES part.

Musical score for CRT., CB.CL., SW, and PERC. The score is divided into measures from 9:00 to 18:00. CRT. is marked *mf* and *ff*. CB.CL. is marked *mf*, *ff*, *f*, and *ff*. SW and PERC. (TIMPANI and LARGE CYMBAL) are marked *mp* and *f*. Instructions include "battuto", "arco", "TUNED GONG ON SNAREDRUM", and "LARGE CYMBAL".