

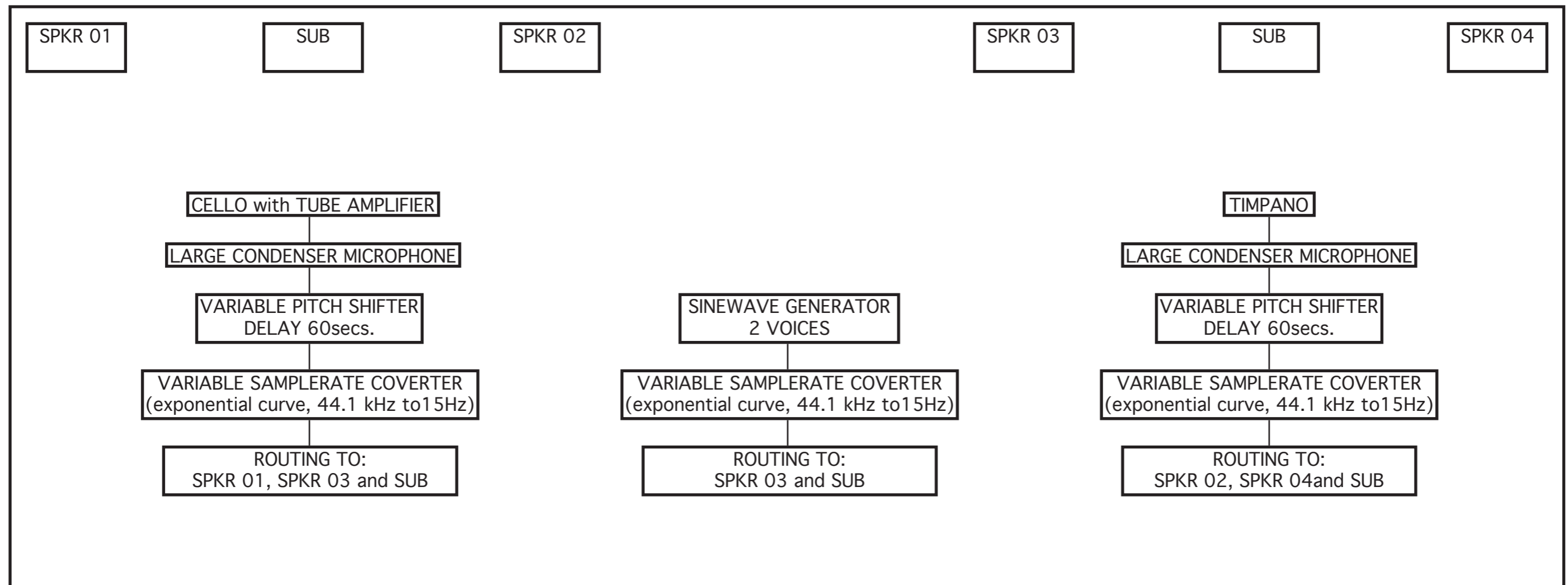
MARTIN LORENZ

OSCILLATIONS II (2013) for Electric Cello, Timpano and Electronics

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Electronics Setup:

The cello needs a piezo pickup to feed the tube amp. A pedal is required to fade in and mix the overdrive effect with the clean cello sound.



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 two main sections, each with a 4-measure structure. The first section (0:00-4:00) features a Cello part with a pitchshifter that starts at -700 cents, returns to 0 cents at 1:00, rises to +700 cents at 2:00, and then jumps to +1400 cents at 3:00. The samplerate starts at 44.1 kHz and gradually reduces. The second section (5:00-10:00) features Sinewave and Timpano parts. The pitchshifter starts at -700 cents, returns to 0 cents at 6:00, drops to -700 cents at 7:00, stays there until 8:00, returns to 0 cents at 9:00, and stays there until 10:00. The samplerate is full (44.1 kHz) until 7:00, then gradually reduces to a minimum of ca. 8Hz. The Sinewave part includes annotations for 'ADD OVERDRIVE' and 'GRADUALLY FADE IN OVERDRIVE' leading to 'FULL OVERDRIVE' at 10:00. The Timpano part includes 'III.' and 'II.' markings and 'accel. to tremolo' at 9:00.

Section 1 (0:00 - 4:00):

- PITCHSHIFTER:** -700 cents (0:00-1:00), ±0 cents (1:00-2:00), +700 cents (2:00-3:00), ±0 cents (3:00-4:00), +700 cents (4:00). Note: THE PITCHSHIFTER'S OUTPUT IS DELAYED BY 60secs.
- CELLO:** Gradually fade in overdrive (3:00-4:00), Fade out overdrive (4:00).
- SAMPLERATE:** FULL SAMPLING RATE (44.1 kHz) (0:00-1:00), GRADUALLY REDUCE SAMPLING RATE (1:00-4:00).
- Time Markers:** 0:00, 1:00, 2:00, 3:00, 4:00.

Section 2 (5:00 - 10:00):

- PITCHSHIFTER:** -700 cents (5:00-6:00), ±0 cents (6:00-7:00), -700 cents (7:00-8:00), -700 cents (8:00-9:00), ±0 cents (9:00-10:00), ±0 cents (10:00).
- SINOWAVE:** ADD OVERDRIVE (6:00-7:00), GRADUALLY FADE IN OVERDRIVE (8:00-9:00), FULL OVERDRIVE (9:00-10:00).
- TIMPANO:** III. (5:00-6:00), III. (7:00-8:00), I. (8:00-9:00), II. (9:00-10:00), accel. to tremolo (9:00-10:00).
- SAMPLERATE:** FULL SAMPLING RATE (44.1 kHz) (5:00-7:00), MINIMUM SAMPLING RATE ca. 8Hz (7:00-10:00).
- Time Markers:** 5:00, 6:00, 7:00, 8:00, 9:00, 10:00.