



CAMERON LEACH

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SYNTHESIS

A SOLO PERCUSSION RECITAL

TECH RIDER

1. OVERVIEW

SYNTHESIS is Leach's solo recital program, which combines acoustic, electroacoustic, and theatrical works for solo percussion. It requires a large amount of gear, audio capabilities, and ample lead time in order to function. Leach runs all electronics from an audio station on stage, which is a table containing his laptop, audio interface, and wireless monitor transmitter.

The performance does not require any FOH technician to operate audio equipment during the show, but the sound check does require assistance (see below).

Leach wears wireless in-ear monitors during those pieces involving audio playback, to align his acoustic performance with the electronic tracks. He travels with this system.

Average runtime for the performance is **80 minutes**.

Thank you in advance for your assistance with these requests.

2. PROGRAM

Maric Suite	Dave Maric
<i>from</i> *Spiel (2019)	
I. Diatribe	
<i>from</i> Trilogy (2000)	
II. Pelogy	
III. Tamboo	
Mirage (1971) <i>or</i> Burritt Variations (2012)	Yasuo Sueyoshi <i>or</i> Alejandro Viñao
I. True/False	
63 Across 81 Down (2019)	Ancel Neeley
Le corps à corps (1978, rev. 2006)	Georges Aperghis

- INTERMISSION -

Tchik (2006)	Nicolas Martynciow
*Decay No. 2 (2017)	Matt Curlee
Ceci n'est pas une balle (2012)	Compagnie Kahlua

**Written for Leach*

Exact marimba solo to be performed (#2 listed above) will be determined by touring schedule and other factors.

All of the music by Dave Maric will be performed as a continuous suite. Likewise, the Neeley and Aperghis will be performed continuously before intermission.

There will be speaking directly after the Maric, Sueyoshi (or Viñao), Martynciow, and Curlee (a total of 4 times).

3. LOAD IN / SOUND CHECK

- A. A **minimum of 6 hours (preferably 8)** is needed to set up, sound check, and rehearse before a same-day performance. If possible, loading in/ setting up the night before the concert is very helpful.
 - i. Someone must be present to assist with setting audio levels about 2 hours into the set up process.
 - ii. Assistance with moving gear to the stage is appreciated.
- B. Load out will take between **90-120 minutes**.

4. STAGE SIZE

- A. Minimum stage size is 30' wide x 20' deep. For other dimensions, please contact Leach.

5. STAGE MOVES

- A. There is a small stage move after the first piece, which Leach will make by himself on stage.
- B. During intermission, there is a large changeover on stage. Any assistance by stage crew or other venue staff is appreciated.

6. STAGE PLOT

- A. See attached **"SYNTHESIS Stage Plot MM-DD-YY.pdf"** for setup specifics.

7. LIGHTING

- A. Standard stage lighting. If possible to have distinct stage lighting, suggestions can be made during load-in/setup for certain pieces.

8. POWER

- A. 110V AC needed:
 - i. Extension cord + power strip (provided by Leach) will need to run from a stage right power outlet (either on stage, or from backstage) to the laptop/audio interface located on stage.

9. AUDIO REQUIREMENTS

- A. This performance requires 2 audio inputs. Leach will provide all necessary gear and cables, but will need to have someone with knowledge of the venue's system present for the sound check.

INPUT #(s)	SIGNAL	SOURCE	SOURCE LOCATION	INPUT LEVEL	CONNECTOR
1-2	Stereo	Audio interface outputs 1-2	On stage	Line	1/4" TRS Male

- B. Leach can also make 1/8" TRS and XLR connections (with passive DI boxes) work, if needed.
- C. It may also be helpful to have a speaking microphone at the front of the stage, depending on the venue size.

10. SPEAKERS

- A. It is best to have powered speakers placed on stage, on speaker stands, on the far sides of the stage. This ensures that sound is projecting from the same location both electronically and acoustically, as some venues will have house speakers that are hung too high/far away from the acoustic sound source.
- B. If this isn't possible, it is OK to use the house system in place.

11. SECURING INSTRUMENTS

- A. For many concerts, Leach is able to contact local universities or endorsers to secure certain large instrument rentals.
- B. Leach can typically provide cymbals or smaller accessory instruments. This varies with travel schedule. In some cases, Leach can provide many of the drums and larger instruments if traveling by car.
- C. **Please contact at least sixty (60) days in advance to facilitate these instrument needs.**

INSTRUMENT LIST

12. EQUIPMENT PROVIDED BY PRESENTER

- 5.0 octave marimba
 - ▶ Preferred brands, in order: Mallettech (MJB model only), Marimba One, Yamaha, Adams
- 3.0 octave vibraphone
 - ▶ Preferred brands, in order: Mallettech, Marimba One, Adams, Yamaha, Musser
- DRUM SET:
 - ▶ Kick drum with pedal (approx. 20-22" diameter)
 - ▶ Snare drum (14" diameter) with short snare stand
 - ▶ 1 rack tom (12" diameter) with kick drum mount or stand
 - ▶ 1 floor tom with legs (approx. 14-16" diameter)
 - ▶ 1 drum throne
 - ▶ Large rug needed for underneath kit
- Set of 4 concert toms with 2 double tom stands
 - ▶ double-headed if possible, approx. 8"/10"/12"/14" diameter
- 1 high octave of crotales (C-C) with stand (high enough to be played in front of marimba)

- 1 concert snare drum
- 2 concert-height snare drum stands
- 1 kick drum (approx 20" diameter) with pedal
- 1 pair of bongos with bongo stand
- 1 keyboard X stand (for wood planks + trap table provided by Leach)
- 2 suspended cymbals (approx. 16"-18" diameter)
- 1 crash cymbal (approx. 18" diameter)
- 1 ride cymbal (approx. 20" diameter)
- 1 trashy cymbal (Such as Sabian O-Zone, but could be a Chinese cymbal / something with a brash sound around 16-18" diameter)
- 2 sets of hi-hats with stands
- Large trap table with stand (approx. 3' x 2' for electronics)
- 8 sturdy music stands
- 10 cymbal stands (as many boom stands as possible, minimum 6)

If anything listed here cannot be provided, please contact Leach to arrange an alternate solution.

10. EQUIPMENT PROVIDED BY LEACH

- Bass bows
- Glass wind chimes
- 2 splash cymbals
- 2 mounted temple blocks (+ screwdriver)
- 4 wooden planks + tray table
- 3 mountable wood blocks
- Zarb (hand drum)
- Gaff/spike tape
- Moongels
- Stand covers + black towels
- Electronics
 - ▶ Laptop
 - ▶ Audio interface
 - ▶ Wireless in-ear transmitter and receiver
 - ▶ 2 passive DI boxes
 - ▶ Assortment of 1/4" TRS and XLR cables with various adapters
 - ▶ Extension cord
 - ▶ Power strip
 - ▶ iPad and foot pedal