

Knurl is a musical instrument created using 3D printing technology and biodegradable materials. Its electronic system is designed with creative programming tailored for live performances. Developed by composer and cellist Rafaele Andrade, Knurl is inspired by the acoustic cello, synthesisers, and electric guitars. It features 16 cello strings arranged in a spiral of fifths, equipped with sensors and a rotational mechanism that enables dynamic control by the performer. A touch on any string can trigger specific sounds, pauses, arrangements, or parameter adjustments, fostering an immersive musical experience.



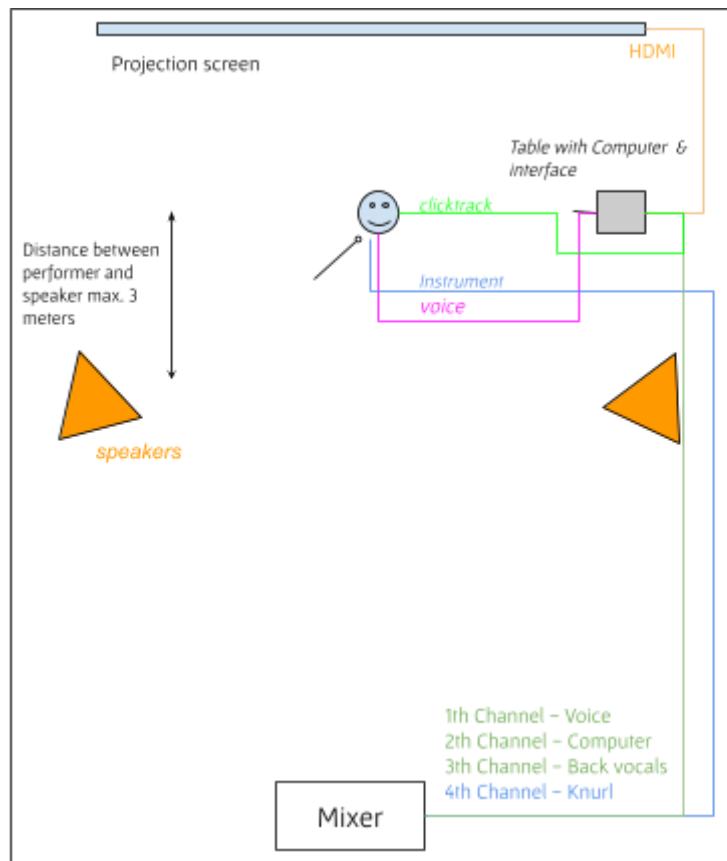
Equipments:

Equipments requested	Equipments provided
● Microphone with stand ● Pa system receiving 4 channels ● 4 XLR cable ● 2x DI Box ● Power supply ● Power strip (2 plugs) ● Coffee table ● Chair ● Projection screen	● Cable for instrument ● Laptop ● Power bank for Knurl ● Music Instrument ● Power cable for laptop ● Sound interface ● Monitor ● Clicktrack system

Observations:

- A DI Box needs to be connected between all sound signals (except mic)
- The instrument has a mini jack output, jack and XLR output (both are stereo). This Cable is provided
- The instrument has its own power source

Set up:



Logistic requirements

- build up at least 1:30 hour before the show
- build down time minimum 1 hour
- Photographers are welcome and appreciated!

Hospitality

DRESSING ROOM

When part of the agreement, please provide a private, clean and spacious dressing room. Including a sofa, table and chairs, multiple power points and WI-FI.

About & contact:

Rafaele Andrade – composer and performer

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