

PRE – Bio-Sonification

Concept Options and Sample Tracks

Playing the Plants Option: (Preferred)

By connecting their phone to an app through a virtual QR code, visitors are able to control the music and sounds coming from the phonoflowers - changing the tones and frequencies of the music - in effect, playing the plants.

- **“Sonarium”** – *Allows us to “hear” landscapes, prompting contemplation within an artificial auditory ambiance. Within this sonar-vivarium, micro-spatial structures are dynamically translated into sound, offering audiences a unique sensory experience. (SoundCloud).*
https://soundcloud.com/xie-yufan-957166284/sonarium-20230312-postprocess/s-Ev3UGzRe9pf?si=82aae95490cf47959c1a8c2e546ad090&utm_source=clipboard&utm_medium=text&utm_campaign=social_sharing

Sonic Symphony Option: (Alternate)

Using plant frequency audio, a complete musical piece or track is composed by Mutato Musika owner, Mark Mothersbaugh, or derived from PlantWave’s technology, blanketing the plaza in a calming musical arrangement emitted from the “phonoflowers.”

- **PlantWave Quartet - Habitable Zone - Relaxing Plant Music** – *Plants playing in harmony together, translating data from plants into notes. The melodies shift over time and different plants have different patterns as sensors are moved between them. (YouTube).*
<https://www.youtube.com/watch?v=oHv6YcZfJyE>

Soothing Sound Bath Option: (Alternate)

Plant frequencies are played simultaneously to create a sonic sound bath. Each “phonoflower” emits a different frequency and sound oscillates from each flower to create a spatial sound experience that blankets the plaza.

- **Plant Music Sound Bath - PlantWave Quartet - 528hz** – *Plants playing in harmony together, translating data from a plants into notes. All instruments in Sound Bath are tuned to 528hz, a frequency associated with love and heart opening. (YouTube).*
<https://www.youtube.com/watch?v=e8a8mOZSAEw>