

DOCTORAL THESIS

A Portfolio of Compositions and an Investigation of the Use of Live Voice in Electro-acoustic Music

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ABSTRACT

This Ph.D. thesis delves into the symbiotic relationship between the human voice and electroacoustic music, categorizing live voice compositions into those using voice with tape, live electronics, or fixed media, and includes an analysis of my compositions that merge these elements. Methodologically, it covers a range of vocal techniques from traditional to extended and investigates the use of tape and live electronics, highlighting the challenges of creating diverse sound effects with limited technology, aiming to assist composers without advanced electronic resources. The study also reviews historical works from Pierre Schaeffer to Pamela Z, tracing the evolution of vocal techniques and technology in this genre. A practical examination of *Lost City* (2022) and *no-mads* (2023) showcases the theoretical and practical blend in this music field. This research offers insights and guidance on the complex interplay between vocal and electronic elements in music composition.