

Emmanuel and Wings
Project Checklist

Commitment: Pitch shifting for single, pure tones

- Single Sideband mixer
 - Mixer
 - Local sinusoidal quadrature oscillator
 - Summer
- Optical Transmission
 - Optic receiver
 - Optic transmitter
- AB Speaker driver

Goal: Pitch shifting for various audio input and PCB

- Circuit for obtaining audio input
 - Basic amplification and noise cancellation of input audio
- PCB creation for speaker driver, optic receiver and transmitter, and SSB

Stretch

- Additional filtering of input audio
- Explore different SSB configurations for clearer audio output