

noLoop

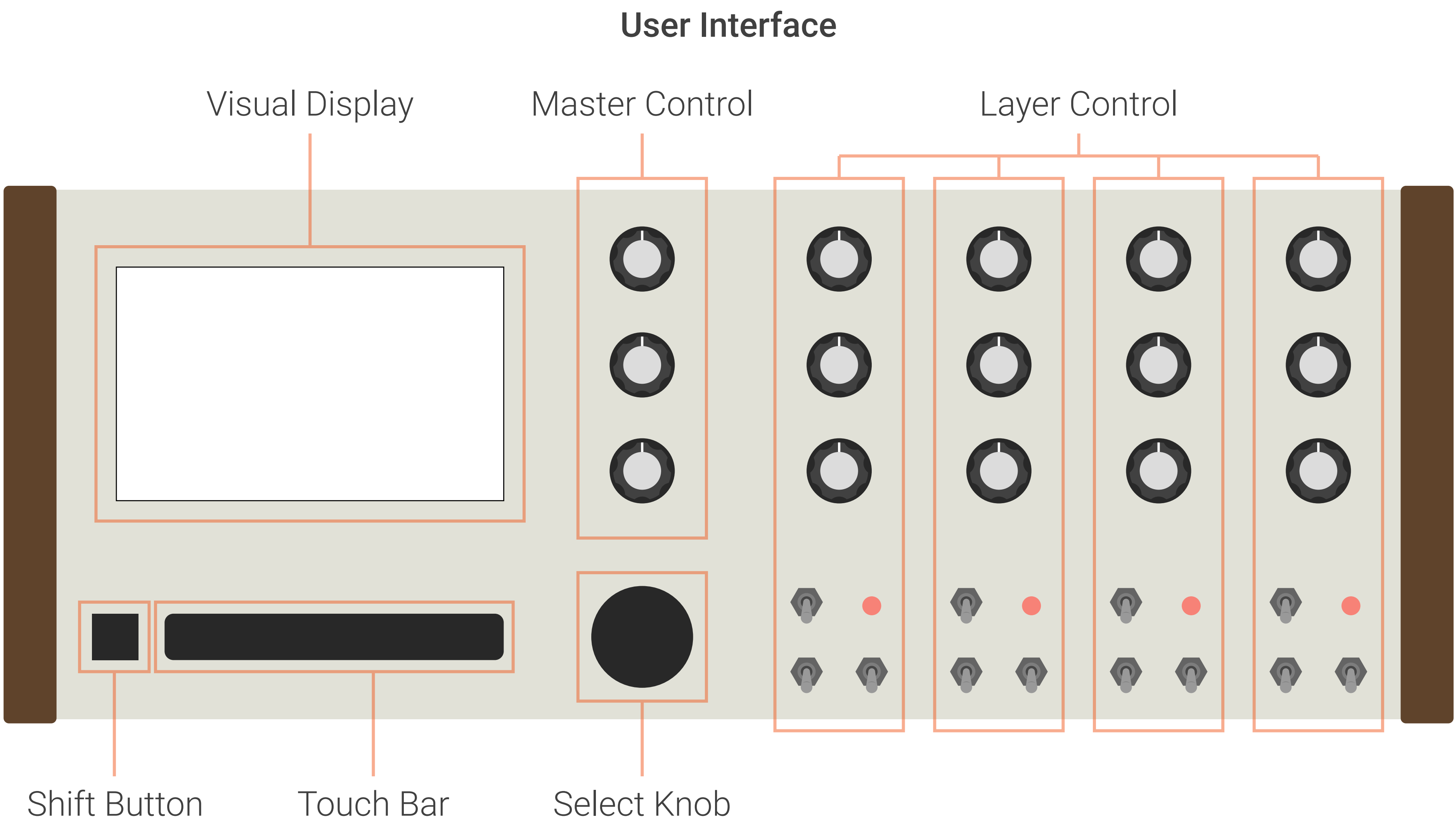
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Background

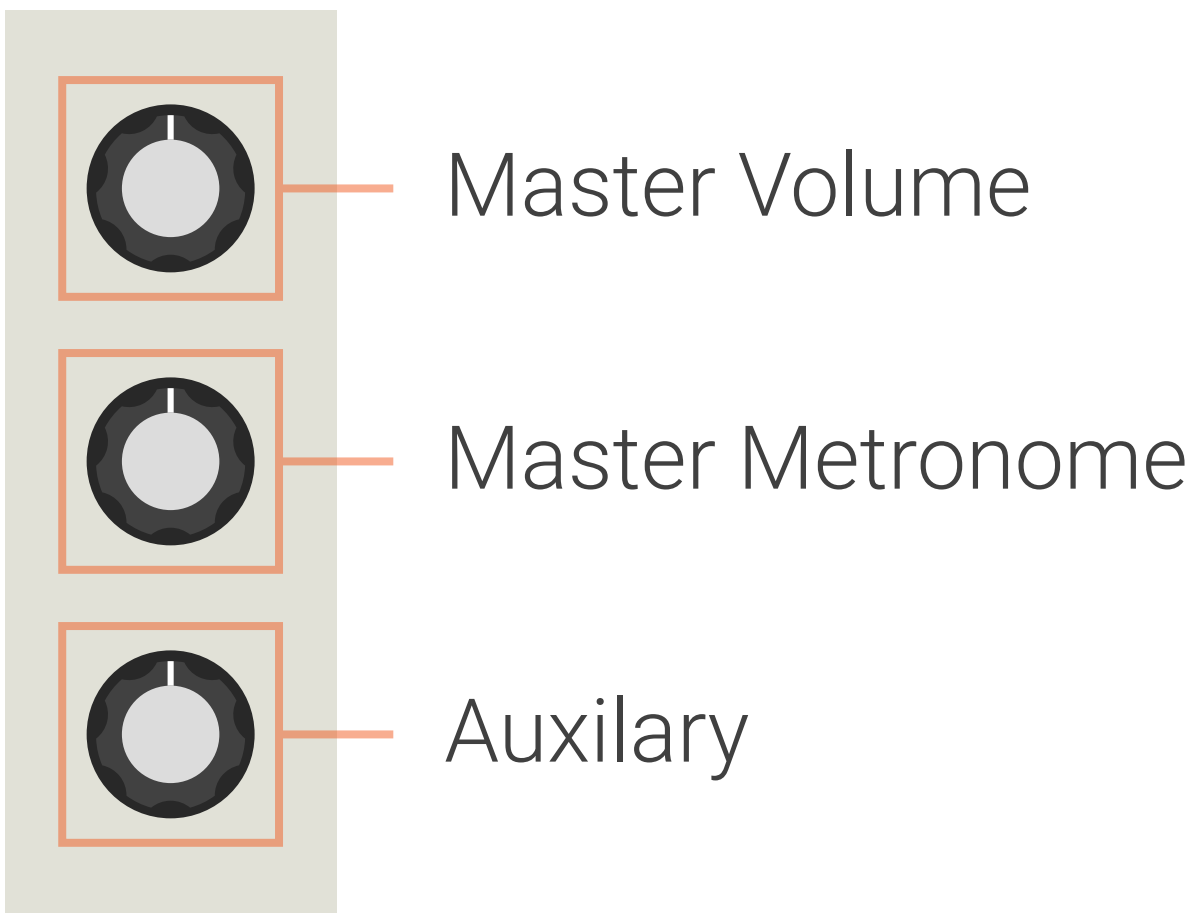
NoLoop is sound generation device (synthesiser) that provides users with an interface to create algorithmically generated ambient soundscapes. Through the process of granular synthesis, NoLoop allows for the abstract manipulation and playback of field recordings and sampled audio files. By loading audio recordings taken from past environments, users are able to create abstract soundscapes containing aspects of these past experiences. Journal does not attempt to recreate audio environments, but allows for the fragmentation and layering of multiple samples to create new and abstract soundscapes.

Technical Operation

Journal runs on a raspberry pi and consists of several layers of operation. A hardware interface allows user interaction through switches and knobs, and provides visual feedback through a small LCD display. The hardware is interfaced through a python script which collects user input and passes data to the display and through FUDI protocol to PureData. PureData is responsible for all audio playback and sample manipulation.



Master Control



Layer Control

