

Music Discovery Player



1 Thumbs Up and Thumbs Down Buttons – Allow for tagging of particular songs within the music space by preference. Once the user docks this player with their home computer, this data is uploaded and incorporated into the back-end recommendations engine, for future playlist generation. The system will also track the songs heard and use this data to generate future playlists as well.

2 Exploration Dial Knob – Allows user to “move the radio dial” and explore their collection in this level of the “music space.” Songs play continuously, even as the dial moves, simulating the experience of changing stations on a radio. The interface can be run entirely through touch and auditory feedback, potentially eliminating the need for the visual channel (great for driving).

3 Novelty Level Slider – Allows user to expand or contract the music space. Moving down the slider zooms in the “music space” down towards the artist level, while moving up adds more genres to the dial, so the change in music is greater as the discovery dial turns at higher levels of the novelty level slider.

4 Music Space Visualization – Represents the areas of the music space currently available for visualization. The area expands or contracts as the user works the novelty level slider.