

ABSTRACT

Claviation is a method for transposing an electronic musical keyboard in real time, supporting key changes during play using the keys themselves. A performer enters transposition mode via a pedal or button and then presses two keys in sequence to define the transposition interval. These two presses are muted so they do not affect the musical output. The three-step action can be executed within the duration of a beat and becomes faster with practice. The method requires no calculation or conceptualization of intervals. It allows scales to be played primarily on the white keys, even across key changes, eliminating the need to learn multiple key signatures and fingerings. A piece learned in one key can thereby be performed in all keys. The method accelerates learning, supports improvisation, and preserves spatial playing patterns across key changes, improving accessibility for performers and composers.

[Figure 4]