

## Music for 23 Chess Pieces, Acoustic Interloper, electro-music 2008



**Performer for White**

Each performer moves & can change sound plugin configuration parameters via UDP networking.



**Performer for Black**

Game server process is written in Python. Server accepts move commands and configuration changes from players, and runs the game

Game-to-sound plugin maps board relationships to tonal phrases. Each different plugin yields a different composition.

Open Sound Control (OSC) messages send:

1. oscillator #
2. frequency
3. phase
4. left and
5. right volume
6. player (e.g., white)
7. piece (e.g., pawn)
8. relationship: support, attack, supported by, attacked by
9. other player
10. other piece

**Chuck** patch generates tones from OSC messages.

or

**Supercollider** patch generates tones from OSC messages.

or

**Max / MSP** patch generates tones from OSC messages.

Code and help contributed by Dewdrop World, Inventor, Kassen and Blue Hell via the Electro-Music Forum.