light spaces in strange places

for guitar duo and effects processing

Composed for LINÜ

Brian Lindgren

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Notes on the Score

Overall concept: Guitar duo is processed through a Pure Data (PD) patch. Each instrument can run clean into an ADC.

•Channel 1: Guitar 1
•Channel 2: Guitar 2

Recommended Hardware & Software:
Audio interface with two HI-Z (instrument) inputs
Computer (2020 M1 Macbook Pro minimum or equivalent, should have at least 8 cores)
Speaker system
Up-to-date Pure Data application

To Launch & Quit the Patch:
•open: EV-B.pd
•set the audio input and output to the correct device
•Mac:
1) open ev-a.sh in a text editor and update the filepaths to the PD app and EV-A.pd
2) open ev-a.app (may need to give permission):
•Windows: launch another instance of PD, and open EV-A.pd
•open the 'pd kwt' box within the EV-A instance to access the GUI
•advised to close all background applications
•*quit* button in the bottom left
(if it complains about zDet~, no worries, not needed for this configuration)

Intro to the Patch:
The rehearsal numbers indicate the preset number. There are 'next' and 'previous' buttons. These are the only functions needed to use the patch. The only other useful controls are the master fader on the right side of the screen and the speaker array configuration (stereo, quad, octophonic). Be sure you're not in 'edit' mode when attempting to use the patch.

Performance:
The effects processing is intended to both process & provide a sonic backdrop for the two guitars. As demonstrated in the mock-up recoding, please allow for a give and take with the effects processing. For example, when a new sound enters, it can make sense to give a little space before playing the next phase to allow the new sound to establish a presence with the listener. The meter/pulse should always be felt, yet there is much room for rubato and pulling/pushing the tempo.

A Bluetooth pedal can be used to advance presets. Return = next preset; space = previous. Set keyNext (see below) to 1 to automatically enable Bluetooth at startup.

Useful Settings Files Options:
settings-engine.txt:
mixchan11 = initial main volume of patch

settings-various.txt:
chanConfig = 2, 4 or 8 channels. Any speaker array can be used, but speaker channels need to be input in ambiCoefficients files. See:
https://github.com/brianlindgren/ambiNilla

fxPresetLineTime = interpolation between (some) presets in milliseconds

keyNext = determines if keyboard keys (or Bluetooth pedal) is turned on at startup. 1 = on at startup, 0 = off.

HCinputSource1-4 = the audio channel used for each of the four processing engines.

v2

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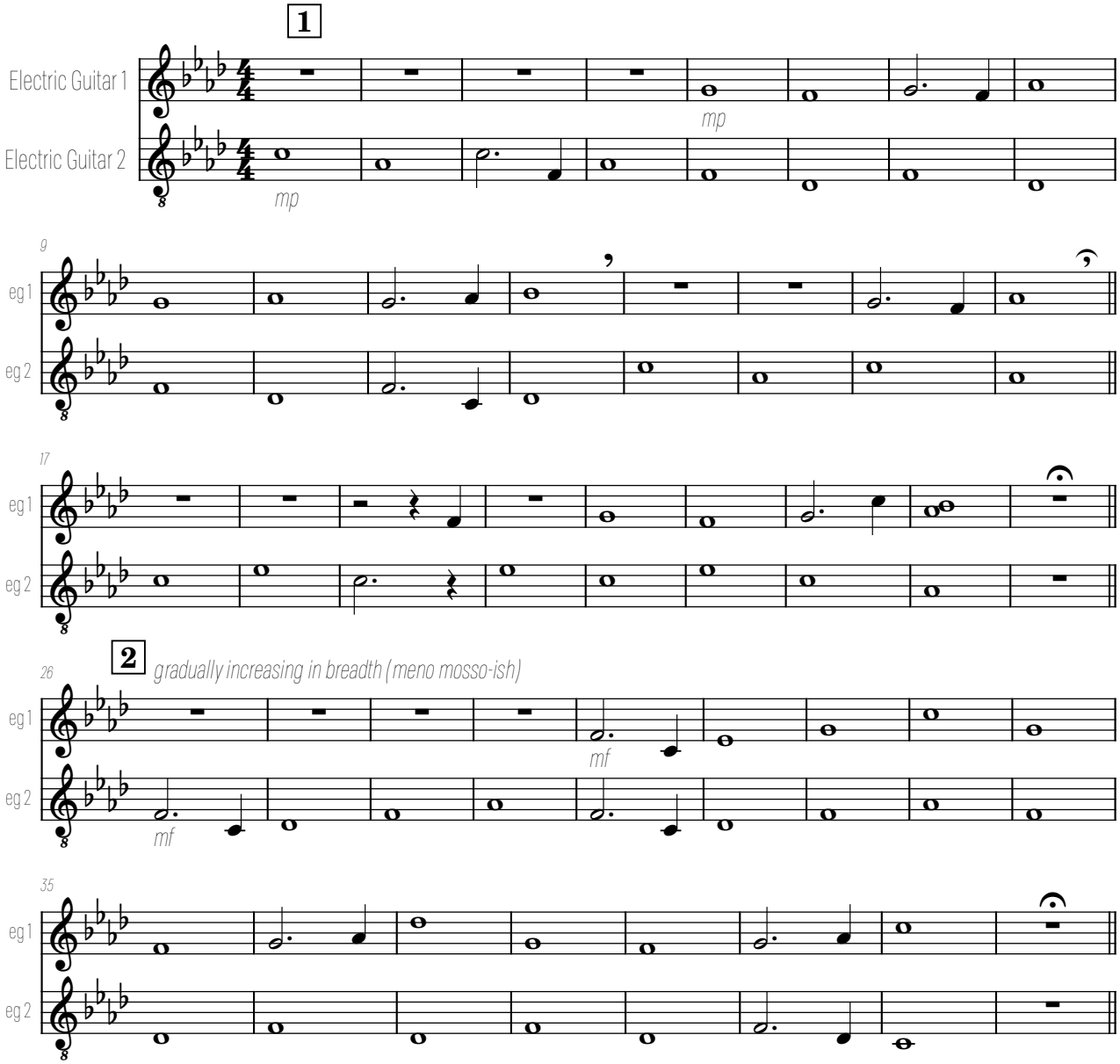
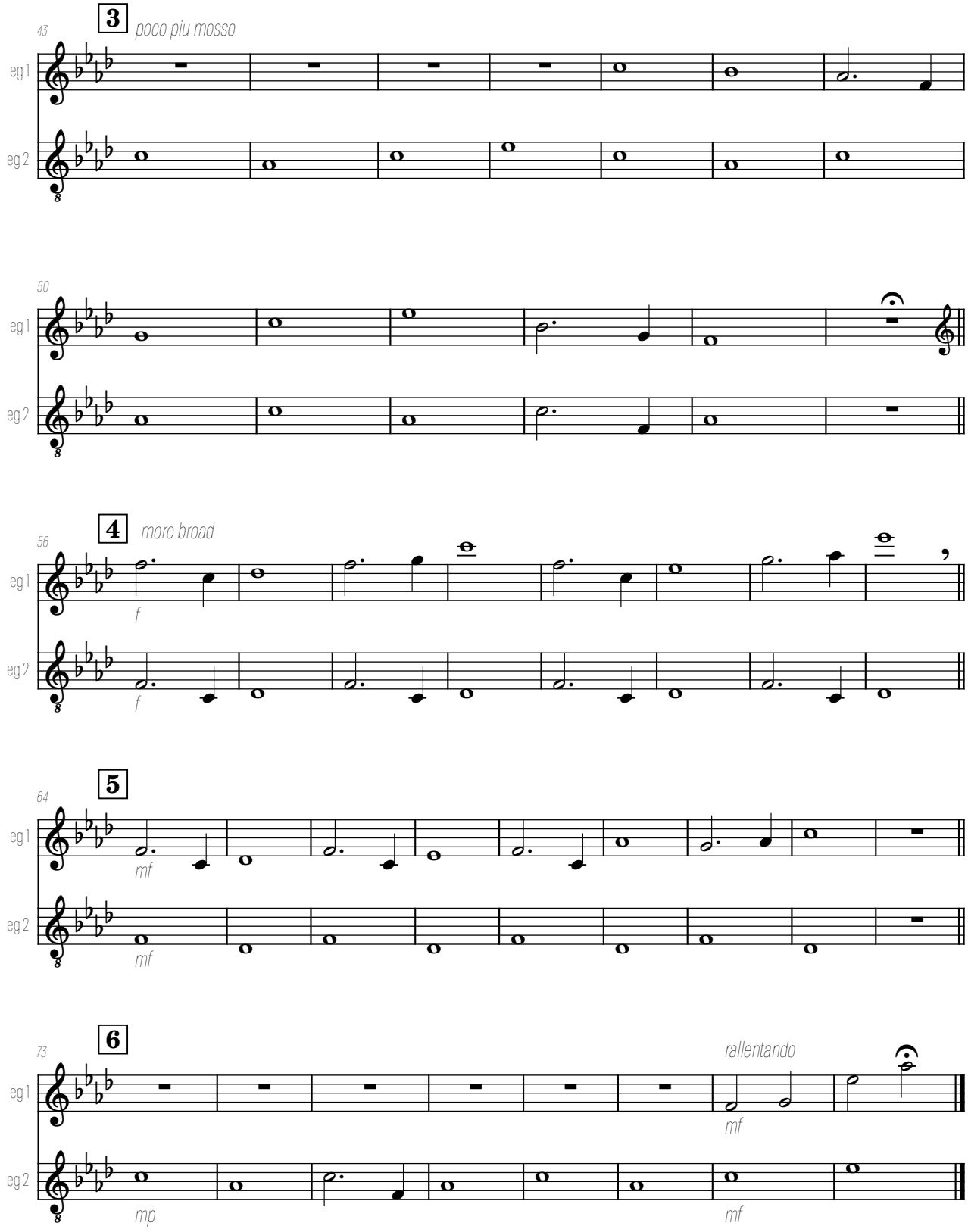
reflective and introspective; meditative and solemn

♩ = 80-100

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