

Partial Arenas

for four electric guitars and live electronics

Olly Sellwood
2018

for Zwerm

Set-up: for each guitar

Equipment:

- > Four electric guitars (with plectrums)
- > Four amplifiers
- > Four Freeze pedals
- > Four volume pedals
- > Four small contact microphones that can clip onto the volume knob of the Freeze pedals
- > A laptop running Ableton
- > An audio interface
- > P.A. system
- > For larger venues, microphones can be used to amplify the acoustic sound of the guitar strings. These microphones should be routed directly to the P.A. system.

Each freeze pedal has a contact microphone attached to the volume knob.

The contact microphone is connected to a laptop running Ableton, via a soundcard.

Each Freeze pedal has a different effect added to the dry signal via Ableton.

The Ableton patch is available here:

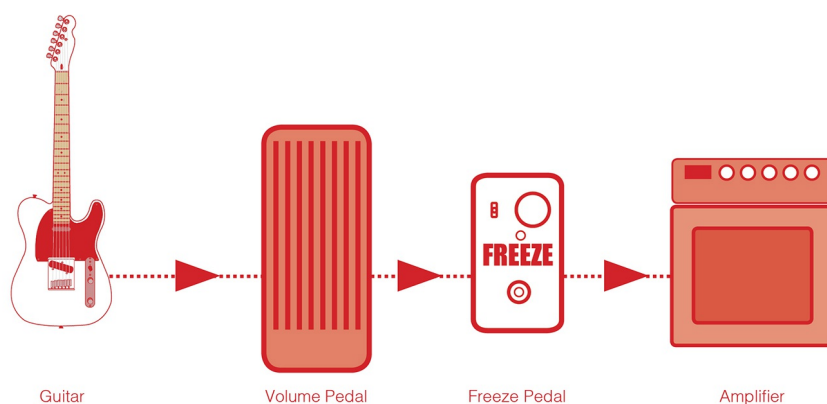
<https://www.dropbox.com/s/tbgjna5jq4r1aag/ZWERM%20Performance%20Patch.als?dl=0>

Each amp should have a slight overdrive.

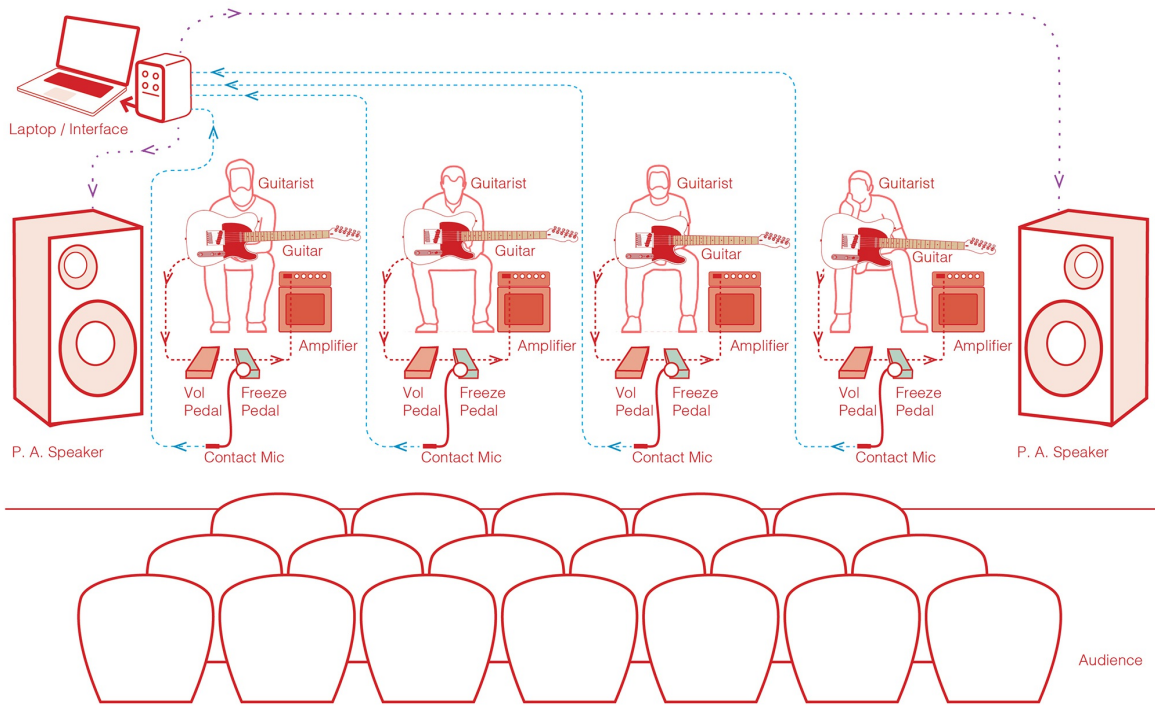
The volume of each amp should be high so that the delicate sounds from the guitar can be heard at a high amplitude.

The strings on the guitar be amplified through the use of a microphone in larger spaces so that they are audible.

The sound of the strings, the wet and dry sound of the pedals should be routed through a PA system set up in stereo surrounding the ensemble.



Stage Set-up



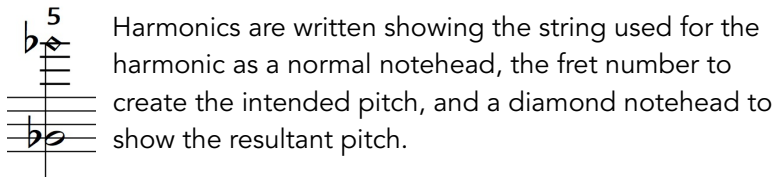
Performance Instructions

The piece should be performed with plectrums.

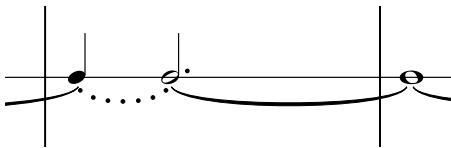
Always allow the harmonics to ring on.

The dynamics apply to the playing of the guitar and this may be the opposite of the actions on the volume pedal.

Harmonics marked forte should be played aggressively even if the intended pitch is compromised as a result.



Pedals marked with a dotted slur line shouldn't be switched off at the end of the note; the freeze sound should run into the new freeze sound



All four guitars are in scordatura.

String 6 = F2

String 5 = Bb2

String 4 = D3

String 3 = Gb3

String 2 = Bb3

String 1 = Eb4

1 with plectrum ♩ = 70

Aggressive plectrum attack

Electric Guitar 1

Freeze Pedal

Volume Pedal 100 0

Aggressive plectrum attack

Electric Guitar 2

Freeze Pedal

Volume Pedal 100 0

Aggressive plectrum attack

Electric Guitar 3

Freeze Pedal

Volume Pedal 100 0

Aggressive plectrum attack

Electric Guitar 4

Freeze Pedal

Volume Pedal 100 0

*1 Play string behind the bridge or on the headstock

E. Gtr. 1

Freeze Ped.

Vol. Ped.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

E. Gtr. 1

Freeze Ped.

Vol. Ped.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

*2 Volume pedal is fully down and muted

Aggressive plectrum attack

E. Gtr. 1

Freeze Ped.

Vol. Ped.

Aggressive plectrum attack

E. Gtr. 2

Freeze Ped.

Vol. Ped.

Aggressive plectrum attack

E. Gtr. 3

Freeze Ped.

Vol. Ped.

Aggressive plectrum attack

E. Gtr. 4

Freeze Ped.

Vol. Ped.

E. Gtr. 1

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the first guitar part (E. Gtr. 1) and its associated pedal effects. The guitar part is written in treble clef with a key signature of two flats. It begins at measure 30. The notation includes various fret numbers (5, 7, 12) and techniques such as triplets and slurs. The Freeze Ped. line shows a series of notes with slurs and dotted lines, indicating sustained or frozen sounds. The Vol. Ped. line is a solid horizontal line, indicating a constant volume level.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the second guitar part (E. Gtr. 2) and its associated pedal effects. The notation is similar to the first guitar part, featuring treble clef, two flats key signature, and various fret numbers and techniques. The Freeze Ped. line shows notes with slurs and dotted lines. The Vol. Ped. line is a solid horizontal line.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the third guitar part (E. Gtr. 3) and its associated pedal effects. The notation includes treble clef, two flats key signature, and various fret numbers and techniques. The Freeze Ped. line shows notes with slurs and dotted lines. The Vol. Ped. line is a solid horizontal line.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the fourth guitar part (E. Gtr. 4) and its associated pedal effects. The notation includes treble clef, two flats key signature, and various fret numbers and techniques. The Freeze Ped. line shows notes with slurs and dotted lines. The Vol. Ped. line is a solid horizontal line.

Continue dynamic and plectrum attack

E. Gtr. 1

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the first guitar part. The staff shows a sequence of notes with fingerings (5, 7, 7, 5, 5, 7, 5, 7, 7, 5) and triplets. The Freeze Ped. track has a continuous line with a final release. The Vol. Ped. track has a line that drops to zero at the end of the system.

Continue dynamic and plectrum attack

E. Gtr. 2

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the second guitar part. The staff shows notes with fingerings (5, 7, 7, 5, 5, 7, 5, 7, 7, 5). The Freeze Ped. track has a continuous line with a final release. The Vol. Ped. track has a line that drops to zero at the end of the system.

Continue dynamic and plectrum attack

E. Gtr. 3

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the third guitar part. The staff shows notes with fingerings (5, 5, 5, 5, 5, 5, 7, 12). The Freeze Ped. track has a continuous line with a final release. The Vol. Ped. track has a line that drops to zero at the end of the system.

Continue dynamic and plectrum attack

E. Gtr. 4

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the fourth guitar part. The staff shows notes with fingerings (5, 5, 5, 5, 5, 5, 5). The Freeze Ped. track has a continuous line with a final release. The Vol. Ped. track has a line that drops to zero at the end of the system.

3

E. Gtr. 1

Freeze Ped.

Vol. Ped.

43

mf

E. Gtr. 2

Freeze Ped.

Vol. Ped.

mf

E. Gtr. 3

Freeze Ped.

Vol. Ped.

mf

E. Gtr. 4

Freeze Ped.

Vol. Ped.

mf

4

E. Gtr. 1

Freeze Ped.

Vol. Ped.

49 12 12 12 7 5 7 12 12 12" f [Gtr 4.]

Detailed description: This system shows the first guitar part. The staff contains a melodic line starting at measure 49 with notes on the 12th fret, followed by a 7th fret barre, then a 5th fret barre, and another 7th fret barre. It concludes with a 12th fret barre and a final note marked with a forte (f) dynamic and a 12" sustain mark. The Freeze Ped. track shows a series of curved lines indicating sustained notes, with a dotted line at the end. The Vol. Ped. track is a solid horizontal line.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

12 12 12 7 5 7 12 12 12" f [Gtr 4.]

Detailed description: This system shows the second guitar part. The staff contains a melodic line starting at measure 49 with notes on the 12th fret, followed by a 7th fret barre, then a 5th fret barre, and another 7th fret barre. It concludes with a 12th fret barre and a final note marked with a forte (f) dynamic and a 12" sustain mark. The Freeze Ped. track shows a series of curved lines indicating sustained notes, with a dotted line at the end. The Vol. Ped. track is a solid horizontal line.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

12 12 12 7 5 7 12 12 12" f [Gtr 4.]

Detailed description: This system shows the third guitar part. The staff contains a melodic line starting at measure 49 with notes on the 12th fret, followed by a 7th fret barre, then a 5th fret barre, and another 7th fret barre. It concludes with a 12th fret barre and a final note marked with a forte (f) dynamic and a 12" sustain mark. The Freeze Ped. track shows a series of curved lines indicating sustained notes, with a dotted line at the end. The Vol. Ped. track is a solid horizontal line.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

12 12 12 7 5 7 12 12 8" f

Detailed description: This system shows the fourth guitar part. The staff contains a melodic line starting at measure 49 with notes on the 12th fret, followed by a 7th fret barre, then a 5th fret barre, and another 7th fret barre. It concludes with an 8th fret barre and a final note marked with a forte (f) dynamic and an 8" sustain mark. The Freeze Ped. track shows a series of curved lines indicating sustained notes, with a dotted line at the end. The Vol. Ped. track is a solid horizontal line.

58

E. Gtr. 1

Freeze Ped.

Vol. Ped.

12" 8" 12" 4" 4" 20"

[Gtrs. 2, 3 & 4.]

E. Gtr. 2

Freeze Ped.

Vol. Ped.

12" 8" 12" 4" [Gtr. 1] 4" 20"

E. Gtr. 3

Freeze Ped.

Vol. Ped.

12" 8" 12" 4" [Gtr. 1] 4" 20"

E. Gtr. 4

Freeze Ped.

Vol. Ped.

12" 8" 12" 4" [Gtr. 1] 4" 20"

5

E. Gtr. 1

Freeze Ped.

Vol. Ped.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

E. Gtr. 1

Freeze Ped.

Vol. Ped.

73

12

12

12

12

12

12

12

f

mf

L3

L3

L3

L3

L3

L3

L3

E. Gtr. 2

Freeze Ped.

Vol. Ped.

7

7

7

7

7

7

7

f

mf

E. Gtr. 3

Freeze Ped.

Vol. Ped.

5

5

5

5

5

5

5

f

mf

E. Gtr. 4

Freeze Ped.

Vol. Ped.

5

7

5

7

5

7

5

7

5

7

5

7

f

mf

aggressive plectrum attack

E. Gtr. 1

80

12

12

12

6"

5

ff

Freeze Ped.

Vol. Ped.

E. Gtr. 2

7

7

7

6"

5

Aggressive plectrum attack

ff

7

7

5

5

Freeze Ped.

Vol. Ped.

E. Gtr. 3

5

5

5

6"

5

5

Aggressive plectrum attack

ff

3

3

Freeze Ped.

Vol. Ped.

E. Gtr. 4

5

7

5

7

5

7

6"

5

Aggressive plectrum attack

ff

Freeze Ped.

Vol. Ped.

The image displays a musical score for four electric guitars, labeled E. Gtr. 1 through E. Gtr. 4. Each guitar part is accompanied by a Freeze Pedal and a Volume Pedal track. The score is organized into four systems, one for each guitar. The first system begins at measure 88. The guitar notation includes various fret numbers (5, 7, 12) and triplet markings. The Freeze Pedal tracks show curved lines with dots indicating when the pedal is engaged or disengaged. The Volume Pedal tracks are represented by solid horizontal lines, indicating a constant volume level. The notation is in a standard musical staff with a treble clef and a key signature of one flat (B-flat).

E. Gtr. 1

Freeze Ped.

Vol. Ped.

Measures 95-100: E. Gtr. 1 part with fret numbers (12, 7, 5, 7, 12, 12, 7, 12, 12, 7) and triplets. Freeze Ped. has a long sustain line with a dotted line in measure 98. Vol. Ped. has a long sustain line.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

Measures 95-100: E. Gtr. 2 part with fret numbers (7, 5, 12, 5, 7, 7, 5, 7, 7, 5, 7). Freeze Ped. has a long sustain line with a dotted line in measure 98. Vol. Ped. has a long sustain line.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

Measures 95-100: E. Gtr. 3 part with fret numbers (7, 12, 5, 5, 5, 5, 5, 5, 5). Freeze Ped. has a long sustain line with a dotted line in measure 98. Vol. Ped. has a long sustain line.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

Measures 95-100: E. Gtr. 4 part with fret numbers (5, 7, 12, 12, 12, 12, 12, 12, 12). Freeze Ped. has a long sustain line with a dotted line in measure 98. Vol. Ped. has a long sustain line.

7

The musical score is organized into four systems, one for each electric guitar (E. Gtr. 1, 2, 3, and 4). Each system consists of three staves: the top staff for guitar notation, the middle staff for Freeze Pedal (Freeze Ped.), and the bottom staff for Volume Pedal (Vol. Ped.).

- E. Gtr. 1:** Starts at measure 102. Features a triplet of eighth notes on the first string (fret 7), followed by a triplet on the second string (fret 12), and another triplet on the first string (fret 7). A dynamic marking of **f** (forte) is present. A note with a circled 'x' is marked with a *3, indicating a slide palm technique.
- E. Gtr. 2:** Features a triplet of eighth notes on the first string (fret 5), followed by a triplet on the second string (fret 7), and another triplet on the first string (fret 5). A dynamic marking of **mf** (mezzo-forte) is present. A note with a circled 'x' is marked with a *3.
- E. Gtr. 3:** Features a triplet of eighth notes on the first string (fret 5), followed by a triplet on the second string (fret 7), and another triplet on the first string (fret 5). A dynamic marking of **mf** is present. A note with a circled 'x' is marked with a *3.
- E. Gtr. 4:** Features a triplet of eighth notes on the first string (fret 12), followed by a triplet on the second string (fret 5), and another triplet on the first string (fret 12). A dynamic marking of **mf** is present. A note with a circled 'x' is marked with a *3.

*3 Slide palms up or down the neck to agitate the strings

110

E. Gtr. 1

mf

f

mf

Freeze Ped.

Vol. Ped.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

E. Gtr. 1

Freeze Ped.

Vol. Ped.

116

7

7

12

7

f

mf

7

12

12

E. Gtr. 2

Freeze Ped.

Vol. Ped.

3

3

7

7

E. Gtr. 3

Freeze Ped.

Vol. Ped.

5

5

5

5

5

5

5

5

7

7

12

12

3

3

3

3

E. Gtr. 4

Freeze Ped.

Vol. Ped.

12

12

12

5

7

12

12

12

E. Gtr. 1

Freeze Ped.

Vol. Ped.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

The image displays a musical score for four electric guitars (E. Gtr. 1-4), a Freeze Pedal, and a Volume Pedal. The score is organized into four systems, each corresponding to one of the guitars. Each system consists of three staves: the top staff for the guitar, the middle staff for the Freeze Pedal, and the bottom staff for the Volume Pedal. The music is written in a key signature of two flats (B-flat and E-flat) and a 4/4 time signature. The starting measure is marked with the number 129. The dynamics are marked as *mf* (mezzo-forte). The guitar parts feature various techniques, including fretted notes, bends, and vibrato. The Freeze Pedal part shows a sequence of notes with dotted lines indicating sustained or frozen sounds. The Volume Pedal part shows a series of rectangular markings indicating volume changes. The score includes numerous fret numbers (e.g., 12, 7, 5, 9) and other performance instructions such as *v* (vibrato) and *b* (bend).

136

E. Gtr. 1

f

ff

Freeze Ped.

Vol. Ped.

E. Gtr. 2

f

pp

Freeze Ped.

Vol. Ped.

E. Gtr. 3

f

Freeze Ped.

Vol. Ped.

E. Gtr. 4

f

Freeze Ped.

Vol. Ped.

146

E. Gtr. 1

Freeze Ped.

Vol. Ped.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

ff

E. Gtr. 3

Freeze Ped.

Vol. Ped.

ff

E. Gtr. 4

Freeze Ped.

Vol. Ped.

E. Gtr. 1

160

ff

pp

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the first staff of music for E. Gtr. 1. It starts at measure 160. The staff shows a series of notes with various fingerings (5, 7, 12) and triplets. Dynamics are marked as **ff** and **pp**. Below the staff are two staves for 'Freeze Ped.' and 'Vol. Ped.', with arrows indicating when to engage or disengage the pedals.

E. Gtr. 2

pp

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the second staff of music for E. Gtr. 2. It starts at measure 160. The staff shows notes with fingerings (5, 7) and triplets. Dynamics are marked as **pp**. Below the staff are two staves for 'Freeze Ped.' and 'Vol. Ped.', with arrows indicating when to engage or disengage the pedals.

E. Gtr. 3

pp

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the third staff of music for E. Gtr. 3. It starts at measure 160. The staff shows notes with fingerings (5) and triplets. Dynamics are marked as **pp**. Below the staff are two staves for 'Freeze Ped.' and 'Vol. Ped.', with arrows indicating when to engage or disengage the pedals.

E. Gtr. 4

pp

Freeze Ped.

Vol. Ped.

Detailed description: This system contains the fourth staff of music for E. Gtr. 4. It starts at measure 160. The staff shows notes with fingerings (12) and triplets. Dynamics are marked as **pp**. Below the staff are two staves for 'Freeze Ped.' and 'Vol. Ped.', with arrows indicating when to engage or disengage the pedals.

E. Gtr. 1

Freeze Ped.

Vol. Ped.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

E. Gtr. 1

Freeze Ped.

Vol. Ped.

Turn down the volume on the freeze pedal to zero

173 7 12 7 12 12 12 7 5

f

Detailed description: This system shows the first guitar part. The guitar staff starts at measure 173 with a treble clef and a key signature of one flat. It features a melodic line with triplets and various fret numbers (7, 12, 5). A dynamic marking of 'f' is present. The Freeze Ped. track shows a series of curved lines indicating pedal use. The Vol. Ped. track shows a volume curve that tapers to zero at the end of the section.

E. Gtr. 2

Freeze Ped.

Vol. Ped.

Turn down the volume on the freeze pedal to zero

5 7 7 7 5 12

f

Detailed description: This system shows the second guitar part. The guitar staff continues the melodic line with fret numbers 5, 7, 7, 7, 5, and 12. A dynamic marking of 'f' is present. The Freeze Ped. track shows a series of curved lines indicating pedal use. The Vol. Ped. track shows a volume curve that tapers to zero at the end of the section.

E. Gtr. 3

Freeze Ped.

Vol. Ped.

Turn down the volume on the freeze pedal to zero

5 5 7 12

f

Detailed description: This system shows the third guitar part. The guitar staff continues the melodic line with fret numbers 5, 5, 7, and 12. A dynamic marking of 'f' is present. The Freeze Ped. track shows a series of curved lines indicating pedal use. The Vol. Ped. track shows a volume curve that tapers to zero at the end of the section.

E. Gtr. 4

Freeze Ped.

Vol. Ped.

Turn down the volume on the freeze pedal to zero

12 5 7 12

f

Detailed description: This system shows the fourth guitar part. The guitar staff continues the melodic line with fret numbers 12, 5, 7, and 12. A dynamic marking of 'f' is present. The Freeze Ped. track shows a series of curved lines indicating pedal use. The Vol. Ped. track shows a volume curve that tapers to zero at the end of the section.