

Shirt of Noise
for piano, electric guitar, percussion and electronics

Lee Weisert

SHIRT OF NOISE: Garment, fabric, or residue that absorbs and holds sound, storing messages for journeys. Its loudness cannot be soothed. It can destroy the member which inhabits it.

Ben Marcus, *The Age of Wire and String*

PERFORMANCE NOTES

Piano

1. Refer to the chart on the following page for the required piano preparations.

Guitar

1. The guitar is tuned to the following pitches/frequencies, which correspond to the strongest overtones of the Burmese bell:

1st String (E)	→	F♯ (370.56 Hz)
2nd String (B)	→	C♯ (258.89 Hz)
3rd String (G)	→	E♯ (161.66 Hz)
4th String (D)	→	D♯ (145.01 Hz)
5th String (A)	→	A♯ (108.33 Hz)
6th String (E)	→	D♯ (72.5 Hz)

2. A separate tablature clef is provided for ease of performance. Pitches indicated in the treble clef staff sound an octave lower than written.

2. A volume pedal and a delay pedal are required. The approximate volume pedal level is indicated on the lowest staff (“VOL”) on the guitar part. Only fades from zero volume to full volume (and vice versa) are required; there are no sustained intermediate volume settings.

3. The delay pedal settings are fixed throughout the piece; all that is required is that the pedal is turned on and off as indicated in the score. The delay time is approximately one second and the decay time is approximately five seconds. The mix/depth level should be sufficient to provide a rich and full ambience after the volume pedal is turned down.

4. There are several instances in the score (e.g. m. 24) where the guitarist should articulate the pitches immediately prior to increasing the volume pedal, resulting in a harmonic swell similar to an organ swell or other electronic pad. In these cases it may be convenient or perhaps necessary to play the harmonics separately and prior to the stopped notes—letting them ring through—since the articulation will happen prior to the volume pedal increase and therefore be inaudible to the audience.

Percussion

1. The percussion battery consists of the following instruments, which are shared between the two players:

- | | |
|---|--------------------------------|
| • 2 glockenspiels (with bows and a light plastic chain) | • 1 small gong (e.g. 15”) |
| • 1 small triangle | • 1 large gong (e.g. 30”) |
| • 1 medium triangle | • 1 very large gong (e.g. 40”) |
| • 1 large triangle | • finger cymbals |
| • 1 ride cymbal | • bell tree |
| • 1 china cymbal | |

2. At one point the second percussionist is required to play a single, repeated chord on the piano.

Electronics

1. The electronics part consists of individually numbered recordings, or “samples,” that are triggered in real-time by the electronics player. The circled numbers on the electronics staff indicate the sample number, which can be triggered via whatever mechanism is most convenient (e.g. a MIDI keyboard controller, laptop keyboard, etc.). The recorded samples are available from the composer (contact info at www.leeweisert.com).

2. The electronics player is also responsible for playing a Burmese bell (provided by the composer) and occasionally helping out with the percussion parts.

Piano Preparation

The piano is partially prepared. Certain strings have objects inserted between them and other strings are left unaltered. The chart below details the pitch, type, and placement of the preparation. In the “PITCH/STRING” column, “L/C” indicates that the object is wedged between the left and center (when standing in front of the keyboard facing the strings) of the three strings that correspond to the keyboard pitch. “C/R” indicates that the object is wedged between the center and right string. “Base nut” refers to the nut closest to the keyboard and “top nut” refers to the nut farthest from the keyboard. The resultant pitch column specifies the most clearly audible pitch that results from the preparations (not necessarily the only audible pitch). In cases where there is indistinct pitch, or the original pitch is simply muted, the corresponding entry on the chart is left blank.

PITCH/STRING	OBJECT	PLACEMENT	RESULTANT PITCH/HARMONIC
A0/Bb	Felt pad	Base of string (near base nut)	-
Bb0/B0	Felt pad	Base of string (near base nut)	-
B0/C0	Felt pad	Base of string (near base nut)	-
C1/C#1	Felt pad	12" from base nut	A# (on C#1)
C#1/D1	Felt pad	12" from base nut	"
D1/D#1	Felt pad	17" from base nut	A# (on D#1)
D#1/E1	Felt pad	17" from base nut	"
E1/F1	Felt pad	20.5" from base nut	Eb (on F1)
F1/F#1	Felt pad	20.5" from base nut	"
F#1/G1	Felt pad	24" from base nut	G (on G1)
G1/G#1	Felt pad	Base of string (near base nut)	-
G#1/A1	Felt pad	12" from base nut	A (on A1)
D3 (L/C)	Rubber wedge	1.5" from base nut	
D3 (L/C)	Brass screw (size 8, 1.5")	9.5" from base nut	
D3 (C/R)	Rubber wedge	1.5" from base nut	
D3 (C/R)	Brass screw (size 8, 1.5")	9.5" from base nut	
D#3 (L/C)	Rubber wedge	12" from base nut	A# (\uparrow P5+P8)
D#3 (C/R)	Rubber wedge	2.5" from base nut	"
E3 (L/C)	Rubber wedge	4" from base nut	C (\downarrow M3)
E3 (L/C)	Brass screw (size 8, 1.5")	11" from base nut	"
E3 (C/R)	Rubber wedge	3" from base nut	"
E3 (C/R)	Brass screw (size 8, 1.5")	11.5" from base nut	"
F3 (L/C)	Rubber wedge	4" from base nut	D (\uparrow M6+P8)
F#3 (L/C)	Rubber wedge	4" from base nut	D# (\downarrow M3)
F#3 (C/R)	Brass screw (size 8, 1.5")	8.5" from base nut	"
G3 (L/C)	Rubber wedge	9.5" from base nut	F# (\downarrow m2)
G3 (C/R)	Rubber wedge	1" from base nut	"
G#3 (L/C)	Brass screw (size 8, 1.5")	7.5" from base nut	E (\downarrow M3)
G#3 (C/R)	Brass screw (size 8, 1.5")	8" from base nut	"
A3 (L/C)	Brass screw (size 8, 1.5")	13" from base nut	G# (\uparrow M7)
A3 (C/R)	Rubber wedge	3" from base nut	"
Bb3 (L/C)	Brass screw (size 8, 1.5")	10" from base nut	F (\downarrow P4)
Bb3 (C/R)	Brass screw (size 8, 1.5")	10" from base nut	"
B3 (L/C)	Rubber wedge	10.5" from base nut	A (\downarrow M2)
B3 (C/R)	Rubber wedge	10" from base nut	"
C5 (L/C)	Rubber wedge	5.5" from top nut	Ab (\downarrow M3+P8)
C5 (C/R)	Rubber wedge	5" from top nut	"
C#5 (L/C)	Brass screw (size 6, .5")	6.5" from top nut	A (\downarrow M3+P8)
C#5 (C/R)	Rubber wedge	3" from top nut	"
D5 (L/C)	Brass screw (size 6, 1.5")	5" from top nut	F (\downarrow M6)
D5 (C/R)	Brass screw (size 6, 1.5")	4.5" from top nut	"
D#5 (L/C)	Rubber wedge	6" from top nut	Bb (\downarrow P4)
D#5 (C/R)	Rubber wedge	7" from top nut	"
E5 (L/C)	Brass screw (size 6, 1")	5.5" from top nut	G# (\downarrow M6)
E5 (C/R)	Brass screw (size 6, 1")	4" from top nut	"
F5 (L/C)	Rubber wedge	4.5" from top nut	-
F5 (C/R)	Rubber wedge	4.5" from top nut	-
F#5 (L/C)	Brass screw (size 6, 1")	5" from top nut	G (\downarrow M7)
F#5 (C/R)	Brass screw (size 6, 1.5")	4.25" from top nut	"
B6 (L/C)	Rubber wedge	2.5" from top nut	-
B6 (C/R)	Rubber wedge	1.75" from top nut	-
C7 (L/C)	Rubber wedge	1" from top nut	-
C7 (C/R)	Rubber wedge	1.5" from top nut	-
C#7 (L/C)	Rubber wedge	2" from top nut	-
C#7 (C/R)	Rubber wedge	1.5" from top nut	-
D7 (L/C)	Rubber wedge	1.5" from top nut	-
D7 (C/R)	Rubber wedge	2" from top nut	-
D#7 (L/C)	Brass screw (size 6, 1")	1.5" from top nut	-
D#7 (C/R)	Brass screw (size 6, 1")	1.5" from top nut	-
E7 (L/C)	Brass screw (size 6, 1")	1.5" from top nut	-
E7 (C/R)	Brass screw (size 6, 1")	1.5" from top nut	-
F7 (L/C)	Brass screw (size 6, 1")	2" from top nut	-
F#7 (L/C)	Brass screw (size 6, 1")	2" from top nut	-

= 60

PF
p → *mf*
mp

Ped.

GTR
 T
 A
 B

VOL

delay ped. off

PER 1
 bowed ride cymbal
mp

PER 2
 brushes on gong (rub in continuous circular motion)
mf

ELEC
 Burmese bell
mf

3794.5
 908.56
 363.82
 335.49
 145
 108.33
 54.17



PF

(5) *mp* *mf*

mf

GTR

T
A
B

VOL

PER 1

medium triangle *mp*

PER 2

glockenspiel (ord.) *mf*

ELEC

7:4

6:4

2

9

PF *mf*

GTR *mp*
 T
 A
 B

VOL

PER 1 *mf*
 small triangle
 3:2 3:2
 5:4 5:4

PER 2 *mp*
 10:8 5:4
 10:8 5:4 5:4
 10:8 10:8 10:8 10:8
 10:8 10:8 10:8 10:8

ELEC
 1817.13
 948.63
 454.28
 395
 370.56
 258.89

13

PF fingernail pizz on string

GTR palm mute mf

VOL

PER 1 small triangle medium triangle large triangle f

PER 2 small gong (gong mallet) 5:4 mf

ELEC Burmese bell mf

2772.25
1358.64
741.13
454.28
370.56
290.03

1962.2
1341.98
969.74
517.78
80.83

2056.4
903.03
261.56
226.75
145

(17)

PF

GTR

PER 1

PER 2

ELEC

mf *f* *mf* bowed glockenspiel *mp*

mf bowed glockenspiel *mp*

mf *f* *mf*

8vb

VOL

2056.4
903.03
261.56
226.75
145

2214.08
2056.4
2024.32
1580
1358.64
948.63
774.47

6015.9
1817.13
523.13
363.82
72.5

376.9
335.49
258.89
185.28
108.33

5

(21)

PF

mf *mp* *mp* *f* *mp*

Ped. off Ped.

GTR

T
A
B

VOL

(inaudible attacks) *mp*

delay pedal on

PER 1

mp *mp* *mp* *mp*

PER 2

mp *mp*

ord. *3:2* *3:2*

ELEC

5545.5
1817.13
1455.28
474.31
395
290.03

(25)

PF

GTR

VOL

PER 1

PER 2

ELEC

f

mp

l.h. 8vb

brush swipe on gong
mf
mp

rub brushes on gong (continuous circular motion)

roll on large gong (soft mallets, resonant tone)

small triangle
medium triangle
large triangle
f

3:2

swipe bell tree with hard mallet (descending pitches)
mp

Burmese bell
mf
14

Detailed description: This is a page from a musical score for a multi-instrument ensemble. The top section shows the piano (PF) playing eighth-note chords in the bass and middle octaves, with dynamic markings 'f' and 'mp'. Below it, the guitar (GTR) part shows six sets of sixteenth-note patterns on the strings, with dynamics ranging from 'ff' to 'pp'. A 'VOL' (volume) control bar is positioned below the guitar staff. The bottom section contains parts for three percussionists (PER 1, PER 2, and ELEC). PER 1 has a dynamic 'mf' and instructions for 'brush swipe on gong' and 'rub brushes on gong (continuous circular motion)'. PER 2 has a dynamic 'mp' and instructions for 'swipe bell tree with hard mallet (descending pitches)'. ELEC has a dynamic 'mf' and a 'Burmese bell' instruction. The score includes various rests and time signatures, such as '3:2'.

fast, aperiodic rhythms
notes in specified order

(29)

PF

mf

1

l.h. 8vb

palm mut

GTR

VOL

glockenspiel (ord.) fast, aperiodic rhythm
notes in specified ord.

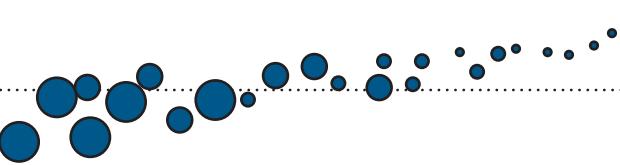
mf

(gong roll)

PER 1

16

ELEC



(33)

PF

GTR

VOL

PER 1

PER 2

ELEC

bowed ride cymbal

(gong roll)

drag light plastic chain on glockenspiel
(ascending on white notes)

p

18

19

433.35
395
376.9
370.56
363.82
335.49
323.33

(37)

notes in random order, rapid aperiodic rhythms

r.h. 8va

PF

GTR

VOL

PER 1

glockenspiel (ord.)

mf

(gong roll)

PER 2

ELEC

pp

mf

notes in random order, rapid aperiodic rhythms

T
A
B

37

This musical score page contains five staves. The top staff is for PF (Percussion), featuring a wavy line and dynamics pp and mf. The second staff is for GTR (Guitar), also with a wavy line and dynamics mf. The third staff is for PER 1 (Glockenspiel), showing a wavy line and dynamics mf. The fourth staff is for PER 2 (Gong Roll), showing a wavy line and dynamics (gong roll). The bottom staff is for ELEC (Electronic), showing a wavy line and dynamics mf. Various performance instructions like 'notes in random order, rapid aperiodic rhythms' and specific dynamics like 'pp' and 'mf' are included. There are also tempo markings like 'r.h. 8va' and performance techniques like 'T A B' for guitar.

41

PF

GTR

VOL

PER 1

PER 2

ELEC

palm mute

mp

bowed glockenspiel

ord.

(gong roll)

l.h. 8vb

3:2

1733.4
1651.91
1580
1548.94
1503.98
1482.25

7224.25

(45)

PF

GTR

VOL

PER 1

bowed glockenspiel

mp

mp

(gong roll)

PER 2

ELEC

23

(49)

This musical score page contains five staves, each with specific dynamics and performance instructions:

- PF (Percussion):** The first staff includes dynamic markings *f* and *Ped. off*. It features a series of vertical stems with small dots, some with diagonal strokes.
- GTR (Guitar):** The second staff shows a guitar neck with three sets of strings labeled T, A, and B. It includes dynamic markings *mp* and *7*, and a large black triangle symbol below the staff.
- PER 1 (Performer 1):** The third staff includes dynamic markings *mp*, *medium triangle*, *mf*, *f*, and *mf*. It also includes instructions for *finger cymbal*, *china cymbal (soft mallet)*, and *brush swipe on medium gong*.
- PER 2 (Performer 2):** The fourth staff includes dynamic markings *mf*, *small gong*, and *f*. It includes instructions for *(gong roll)* and *brush swipe on large gong*.
- ELEC (Electronic):** The fifth staff features a green speaker icon at the beginning, followed by a long horizontal bar with a dotted end, indicating sustained sound.

53

This musical score page contains six staves. The top staff is for PF (Percussion), featuring two staves with various percussion symbols like cymbals and bells. The second staff is for GTR (Guitar), with a small box labeled T, A, B indicating the tuning. Below the guitar is a VOL (Volume) control. The third staff is for PER 1 (percussion), which includes a timeline with specific performance instructions: 'bowed ride cymbal' at a dynamic of *mf*, 'brush swipe on ride cymbal (mute with hand)' at *f*, 'ride cymbal (soft mallet on edge of cymbal)' at *mf*, and 'bell tree (hard mallet, descending pitches)' at *f*. The fourth staff is for PER 2 (percussion), with a timeline including 'medium gong (triangle beater)' at *f*, 'small gong (gong mallet)' at *mf*, 'small gong (triangle beater)' at *f*, and 'small triangle large triangle' at *mf*. The bottom staff is for ELEC (electronics), with a timeline including 'finger cymbals' at *f*, 'swipe brush on bell tree (descending pitches)' at *mf*, and 'bowed large gong' at *mf*.

PF

GTR

VOL

PER 1

PER 2

ELEC

bowed ride cymbal
brush swipe on ride cymbal (mute with hand)
ride cymbal (soft mallet on edge of cymbal)
bell tree (hard mallet, descending pitches)

medium gong (triangle beater)
small gong (gong mallet)
small gong (triangle beater)
small triangle large triangle

finger cymbals
swipe brush on bell tree (descending pitches)
bowed large gong

57

sost. ped.: [sust. ped.]

PF

mf

Ped.

mp

GTR

T
A
B

10
5
5
0

7
7

10
10
10
10
10
10
10
10
10
10
10
10
12
12
12
12

VOL

delay ped. off

PER 1

PER 2

superball on large gong

mf

ELEC

PF

(61)

r.h. 8va →

GTR

T A B

VOL

5:4 5:4 5:4

delay ped. on

ride cymbal (soft mallet)

APERIODIC RHYTHMS, VARIOUS LOCATIONS ON CYMBAL

china cymbal (soft mallet)

pp ————— mp

pp ————— mp

ELEC

1347.98
1208.65
646.65
506.08
433.35
108.33
80.83

3007.95
2717.28
1817.13
474.31
433.35
323.33
197.5

1897.25
1817.13
1507.6
474.31
365
363.82
226.75
185.28

751.99
517.78
433.35
376.9
261.56
226.75
185.28

(r.h. 8va)

65

PF

GTR

VOL

bowed glockenspiel

PER 1

ride cymbal (triangle beater)

dome
middle
edge

pp mp

ELEC

1012.16
981.1
969.74
948.63
908.56
907.1
903.03

17

(69)

PF

GTR

VOL

delay ped. off

delay ped. on

PER 1

PER 2

ELEC

mf

mp

as fast as possible

This musical score page contains five staves. The top staff is for 'PF' (Percussion), featuring two sets of five-line staves with various rests and dynamic markings like 'mf'. The second staff is for 'GTR' (Guitar), which includes a small box labeled 'T A B' with numbers 7, 10, and 7; a 'VOL' slider icon; and two footswitches labeled 'delay ped. off' and 'delay ped. on'. The third staff is for 'PER 1' (Performer 1), the fourth for 'PER 2' (Performer 2), and the bottom staff is for 'ELEC' (Electronic). The 'ELEC' staff shows a sustained sound with a decay envelope, indicated by a grey bar that starts high and gradually decreases in height over time.

(73)

PF

GTR
T
A
B

VOL

PER 1

PER 2

ELEC

glockenspiel (ord.)

bowed glockenspiel

mp — *mf*

p

p

p

mp

mf

(77)

PF

Ped. off $mf \rightarrow mp$ $< mf$ $mp \leftarrow mf$
 Ped. $f \rightarrow mp$

GTR

VOL

delay ped. off

PER 1

PER 2

superball on large gong

brush swipe on large gong

ELEC

(81)

PF

GTR

VOL

delay ped. off

PER 1

mf

PER 2

ELEC

(85)

PF

GTR

VOL

PER 1

PER 2

ELEC

medium gong (gong mallet) *mp*

brushes on china cymbal (continuous circular motion) *mf*

glockenspiel (ord.) *mf*

mute abruptly

Burmese bell *mf*

finger cymbals (lower/higher pitch) *3:2* *mp*

brush swipe on bell tree *f poss.*

8va

Ped. off

8vb

3:2

Ped.

p.m. ord. p.m. ord.

f

delay ped. off

PF

(89)

$f \xrightarrow{3:2} p$

GTR

T
A
B

VOL

delay ped. on

PER 1

PER 2

mf

glockenspiel (ord.)

$\xrightarrow{3:2} mp$

ELEC

1107.04
1046.25
1035.55
1028.2
1012.16

(93)

PF

f
8vb
Ped. off

p
Ped.

mf

p
l.h. 8vb

8va

GTR

T
A
B

VOL

PER 1

PER 2

*notes in specified order
aperiodic rhythms*

glockenspiel (ord.)

mf

*notes in specified order
aperiodic rhythms*

mf

ELEC

(97)

PF

GTR

T
A
B

VOL

PER 1

PER 2

ELEC

39 40 41 42 43 44

3097.88
1386.13
907.01
825.96
741.13
108.33

2772.25
2214.08
2056.4
1341.98
825.96
774.47

Ped. off

5:4

f

25

(101)

PF

Ped. > Ped. off

GTR

T
A
B

VOL

china cymbal
rub brushes in continuous circular motion

PER 1

mf

fingernails on bell tree
continuous ascending motion

PER 2

mf

simile

ELEC

7224.25
2024.33
1817.13
1046.25
774.47
580.05
129.44

5434.55
3015.2
2024.33
741.13
514.1
376.9

(105)

PF

f
Ped.

sost. ped.: [pedal point] 5:4
Ped. off

GTR
T A B
VOL

mute abruptly

PER 1
mute abruptly
bowed glockenspiel
mf
mf
bell tree swipe (hard mallet, descending pitches)
5:4 f

PER 2
mute abruptly
bowed glockenspiel
mf
mf
large gong (gong mallet)
5:4 mf

ELEC
50 51 52
161.66
145.01
129.44
108.33
80.83

(109)

PF

f

Ped. Ped. off

GTR

T
A
B

VOL

let harmonics and open strings resonate as long as possible

PER 1

china
ride
small gong

f *mf*

with triangle beaters

PER 2

large gong (dead spot)

mf

superball on large gong

mp

ELEC

226.75
216.68
197.5
185.28
161.66

(113)

PF

GTR

VOL

PER 1

PER 2

ELEC

This musical score page contains five staves. The top staff, labeled 'PF', consists of two five-line staves with a treble clef, a key signature of one sharp, and a tempo marking of 113. The second staff, labeled 'GTR', shows a six-string guitar with a treble clef; each string has a circled number indicating pitch (e.g., 12, 0, 12, 0, 12, 0) and small circles with numbers (e.g., 7, 0, 12, 0, 12, 0) above them. Below the guitar staff is a thick black bar labeled 'VOL'. The third staff, labeled 'PER 1', features a single horizontal line with vertical tick marks. The fourth staff, labeled 'PER 2', is similar to PER 1. The bottom staff, labeled 'ELEC', includes a speaker icon and a blue bar with a dotted end, also featuring a circled number 54. The page is numbered 29 in the bottom right corner.

(117)

sost. ped.: [sharp]

mf

GTR

T
A
B

VOL

PER 1

piano

f

8vb (except top note)

PER 2

bowed glockenspiel

mf

ELEC

(121)

PF *mp*

GTR
T
A
B
VOL

PER 1 bowed glockenspiel *mf*

PER 2 *mf* *mf* *mf*

ELEC

125

PF



GTR

T
A
B

VOL

PER 1



PER 2

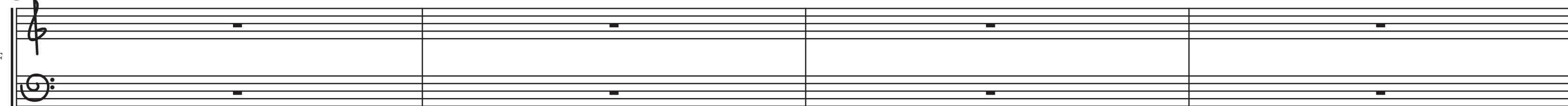


ELEC



(129)

PF

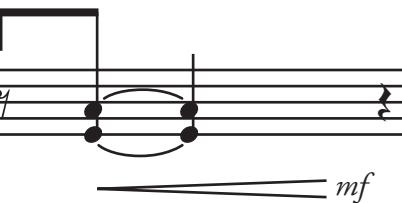


GTR

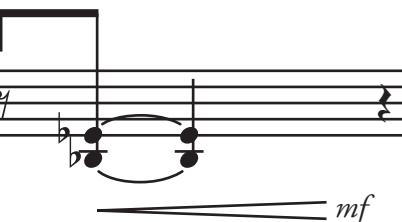
T
A
B

VOL

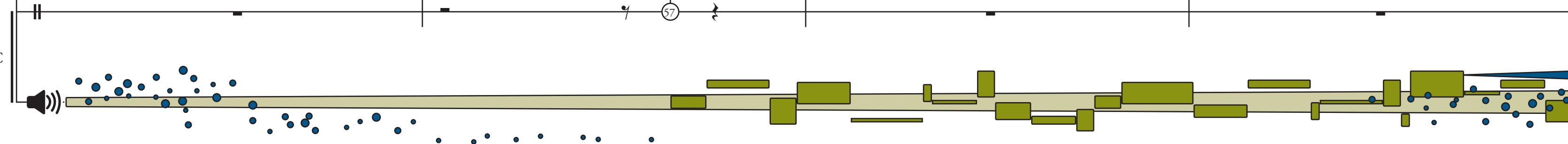
PER 1



PER 2



ELEC



(133)

PF



GTR

T
A
B

VOL

PER 1

PER 2

ELEC



(137)

PF

Ped.

mp — f

mf

ff

8va

8vb

Ped. off

GTR

T
A
B

VOL

PER 1

PER 2

ELEC

58

This musical score page contains five staves. The top staff is for the Piano (PF), featuring a treble clef and a key signature of one sharp. It includes dynamic markings: 'mf' at the beginning, followed by a piano pedal symbol ('Ped.') with a short vertical stroke, 'mp' leading into 'f', 'mf' again, 'ff', and a dynamic range indicator '8va'. Below this is a dynamic range indicator '8vb' followed by 'Ped. off'. The second staff is for the Guitar (GTR), showing six horizontal lines for the strings, with a small box labeled 'T A B' above it. The third staff is for Percussion 1 (PER 1), the fourth for Percussion 2 (PER 2), both showing short vertical strokes. The bottom staff is for Electronics (ELEC), which includes a blue waveform graphic and a yellow bar with three blue dots. A circled number '58' is positioned near the start of the ELEC staff. Measure numbers '137' and '(137)' are placed above the first two staves. The page is numbered '35' in the bottom right corner.

(8va)

(141) PF

(8vb) Ped.

palm mute

mp

GTR T A B

VOL

PER 1

PER 2

ELEC

433.35
395
376.9
370.56
363.82
335.49
323.33

This musical score page contains six staves. The top two staves are for the Piano (PF), with the upper staff in 8va and the lower staff in 8vb, both marked Ped. The third staff is for the Guitar (GTR) with three pickup tabs (T, A, B). The fourth staff is labeled VOL. The fifth and sixth staves are for Percussion 1 (PER 1) and Percussion 2 (PER 2) respectively. The bottom staff is for the Electronic instrument (ELEC), which features a graphic of a speaker and a piano keyboard. Measure 141 begins with a dynamic mp. Measure 12 follows, marked palm mute. The ELEC staff includes a list of frequencies: 433.35, 395, 376.9, 370.56, 363.82, 335.49, and 323.33.