

# **Off-ramp**

for

Chamber Ensemble

by

**Keith A. Hamel**

commissioned by  
**Hard Rubber Chamber Orchestra**  
with financial assistance from the Music Section of the  
Canada Council for the Arts

## Instrumentation

Electric Guitar (with pedals)  
Piano  
Electronic Keyboards  
Drum-set  
Percussion  
Trumpet (B $\flat$ )  
Alto Saxophone (E $\flat$ )  
Violin (amplified)  
Violoncello (amplified)  
Electric Bass  
Interactive Electronics (Max/MSP)

### **Percussion Instruments:**

Vibraphone  
Large Tenor Drum (or Small Bass Drum)  
3 Tom-toms  
1 Sizzle Cymbal  
1 Medium Tam-tam  
(other small percussion instruments for improvisation sections)

**Duration:** approximately 12 - 14 minutes

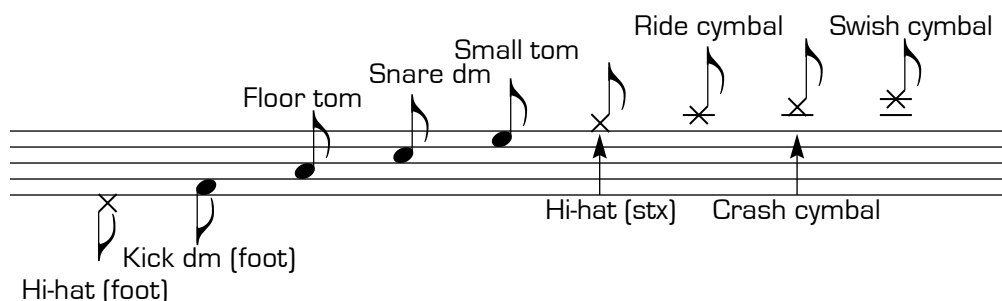
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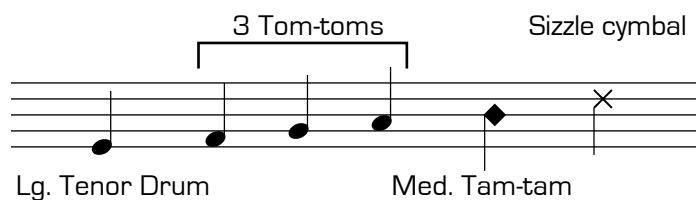
## Performance Notes

The sound of the Electric Guitar is processed both with effects boxes as well as by software in Max/MSP. The Max/MSP patch to be used in performance is available from the composer. The signal from the guitar should be sent both to the guitar amp and to the computer. The processed sound from the computer should be sent to separate speakers (either 2 or 4 channels either placed on the sides of the stage or in the four corners of the room). A computer operator and sound engineer are required in the performance.

The drum-set uses the following notation:



The percussion uses the following notation (staff positions and noteheads):



Generic patch names are given for the Electronic keyboard part (Brassy Synth, Warm Pad, etc.) since different players will have different keyboards at their disposal. Players should choose patches that blend effectively with the ensemble. The looped sample which appears in measure 96 and 112 can either be played by the keyboards or by a computer.

The violin and 'cello should be amplified slightly so that they are balanced with the electronics instruments.

## C Score – All Instruments are notated at sounding pitch

## Improvisation Notes

### **Improvisation 1** – (m.46) (guitar, drum-set and bass)

The drum-set and bass should provide the rhythmic background over which the guitar should improvise. The chord patterns and scalar passages of the previous section can be used as raw material by the guitar. Towards the end of the improvisation, the drum-set and bass should become sparser in texture, with the drum-set moving mostly to cymbals. At Rehearsal 2, the percussion enters (on Tom-toms) with a new tempo. The improvisers should ignore the new tempo and gradually fade out their improvisation.

### **Improvisation 2** – (m.95) (guitar, piano, drum-set, & percussion)

The drum-set and percussion provide the background rhythmic texture for this improvisation. The guitar (which is being supported by percussive sounds through Max/MSP) continues the rhythmic figure from the previous measures and explores similar rhythmic gestures and plays counter rhythms against the percussion and drum-set. The piano enters 15-20 seconds after the improvisation begins with percussive and rhythmic gestures. The section ends with free solo by the percussionist while the piano and drum-set maintain a steady rhythm.

### **Improvisation 3** – (m.140) (guitar, keyboards, drum-set, trumpet, alto sax & bass)

This improvisation is based on a sequence of chords that each last 10 – 20 seconds. The guitar, keyboard, drum-set and bass should provide the basic harmonic support while the trumpet and alto sax can improvise freely overtop. The rhythmic and melodic material of the previous section can be used by the trumpet and alto sax as a starting point. Over the course of the improvisation, the guitar should increase the level of distortion until it is quite extreme. The conductor should cue the entire ensemble to continue at m. 145.

### **Section 4** – (m.148) (entire ensemble)

This section consists of 10 cued sections, each of which includes some pitch or gestural material for the players to improvise on. The texture of this section should be sparse and there should be an emphasis on quiet sound effects and extended playing techniques. The guitar should improvise freely using prepared objects and other effects and should be the most prominent instrument in this section. The keyboards provide a simple, yet continuous harmonic background, while the drum-set, percussion and bass add colours to the texture. Violin and 'cello should play the indicated harmonics as well as other quiet sounds such as rubbing strings, fingering without bowing, and harmonic glissandi. The trumpet, alto saxophone and computer can also contribute to the textures, but should only join in towards the end of the section.

1 ♩ = 72

The musical score is for a jazz ensemble in 4/4 time, with a tempo of 72 beats per minute. The score is divided into ten staves, each representing a different instrument. The instruments are: Guitar, Piano, Keyboard, Drums, Percussion, Trumpet, Alto Sax, Violin, Cello, and Elec Bass. The score begins with a first-measure rest for the Guitar, Piano, Keyboard, Trumpet, Alto Sax, and Elec Bass. The Piano part starts with a piano (*p*) dynamic and a half-note chord (F#2, C4) in the right hand, with a bass line of two octaves of F#2 in the left hand. The Piano part includes a *poco a poco cresc...* instruction. The Keyboard part has a *Warm Pad* box above the staff, with a *pp* dynamic and a half-note chord (F#2, C4) in the right hand, and a sustained bass line in the left hand. The Drums part has a *pp* dynamic and a half-note chord (F#2, C4) in the right hand, with a bass line of two octaves of F#2 in the left hand. The Percussion part has a *pp* dynamic and a half-note chord (F#2, C4) in the right hand, with a bass line of two octaves of F#2 in the left hand. The Trumpet, Alto Sax, and Elec Bass parts have a first-measure rest. The Violin part has a *ppp* dynamic and a half-note chord (F#2, C4) in the right hand, with a sustained bass line in the left hand. The Cello part has a *ppp* dynamic and a half-note chord (F#2, C4) in the right hand, with a sustained bass line in the left hand. The score includes various musical notations such as rests, chords, dynamics, and articulation marks.



9

*poco a poco cresc....*

*p* *mp*

6 6

*ppp* *ppp*

8

Detailed description: This is a page of a musical score for a chamber ensemble. It features ten staves: Gtr (Guitar), Pno (Piano), Kbd (Keyboard), Dm (Drum), Perc (Percussion), Tpt (Trumpet), A.Sax (Alto Saxophone), Vn (Violin), Vc (Viola), and Bass. The score is in 4/4 time and begins with a measure number '9' in a box. The guitar part has a melodic line with a crescendo marking. The piano part has a harmonic accompaniment with a dynamic marking of *p*. The keyboard part has a melodic line with a dynamic marking of *mp*. The drum part has a rhythmic pattern with a '6' marking. The percussion part has a simple rhythmic pattern. The trumpet, alto saxophone, and bass parts are mostly silent. The violin and viola parts have a melodic line with a dynamic marking of *ppp*. The page number '3' is at the bottom.

13

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

*mf*

*p*

*pp*

8

Detailed description: This page of a musical score covers measures 13 through 16. The instruments are arranged vertically from top to bottom: Gtr, Pno, Kbd, Dm, Perc, Tpt, A.Sax, Vn, Vc, and Bass. Measure 13 features a guitar solo with a *mf* dynamic. The piano accompaniment consists of chords in the right hand and a steady bass line in the left hand. The keyboard part has a *mf* dynamic with a melodic line in the right hand and a bass line in the left. The drum part includes two sixteenth-note rolls marked with a '6' and asterisks. The percussion part has a *p* dynamic with a single note in the first measure. The violin and viola parts are mostly silent, with a *pp* dynamic entry in measure 16. The bass part is silent throughout.

Gtr

Pno

Kbd

Dm

*mp* *p* *poco a poco cresc....*

Perc

*p* *poco a poco cresc....*

Tpt

A.Sax

Vn

*pp*

Vc

*pp*

Bass

*p* *poco a poco cresc....*

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

*f*

*f*

*p*

*p*

8

6

6

Detailed description: This is a page of a musical score for a jazz ensemble. The score is written for ten instruments: Guitar (Gtr), Piano (Pno), Keyboard (Kbd), Drums (Dm), Percussion (Perc), Trumpet (Tpt), Alto Saxophone (A.Sax), Violin (Vn), Viola (Vc), and Bass. The page is numbered '21' in the top left corner. The music is in a 4/4 time signature. The Gtr part features a complex melodic line with many sixteenth notes and slurs. The Pno part has a steady accompaniment with chords and some melodic movement. The Kbd part provides harmonic support with sustained chords and some melodic lines. The Dm part shows a drum pattern with sixteenth notes and rests. The Perc part has a simple rhythmic pattern. The Tpt, A.Sax, and Vn parts are mostly silent, with some notes in the Vn part. The Vc part has a melodic line with a dynamic marking of *p*. The Bass part has a simple rhythmic pattern. There are dynamic markings of *f* (forte) and *p* (piano) throughout the score. There are also some performance instructions like '6' above the Dm part and '8' below the Bass part.

25

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

6

6

mp

8



31

Compressor/sustain pedal OFF  
Distortion ON (med)

Gtr *ff* *f* [somewhat percussive...]

Pno *ff*

Kbd *f*

Dm *f*

Perc *f*

Med. Tom-tom Sizzle Cymbal

Tpt *mp* *poco a poco cresc....*

A.Sax *mp* *poco a poco cresc....*

Vn *mf*

Vc *mf*

Bass *f*

This musical score is for a jazz ensemble and consists of ten staves. The instruments and their parts are as follows:

- Gtr (Guitar):** Features a complex, rhythmic pattern of chords and single notes, primarily using the treble clef.
- Pno (Piano):** The right hand plays a melodic line with slurs and ties, while the left hand provides harmonic support with chords and single notes.
- Kbd (Keyboard):** Provides harmonic accompaniment with chords in both hands.
- Dm (Drum):** Plays a consistent rhythmic pattern with cymbals and snare.
- Perc (Percussion):** Adds texture with specific rhythmic patterns and accents.
- Tpt (Trumpet):** Plays a melodic line with a dynamic marking of *f* (forte) in the third measure.
- A.Sax (Alto Saxophone):** Plays a melodic line with a dynamic marking of *f* (forte) in the third measure.
- Vn (Violin):** Plays a melodic line with slurs and ties.
- Vc (Violoncello):** Provides harmonic support with chords and single notes.
- Bass:** Plays a melodic line with a dynamic marking of *8* (octave) in the first measure.

39

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

*ff*

*ff*

*fp*

*ff*

*ff*

*p*

*p*

*mf*

*f*

*f*

4/4

4/4

8

42

This musical score page contains ten staves for different instruments. The Gtr staff (top) begins with a melodic line of eighth notes, followed by a series of chords marked with accents and a dynamic of *mp*. The Pno and Kbd staves are mostly empty, with some rests. The Dm staff features a complex rhythmic pattern of eighth notes with 'x' marks above them. The Perc staff has rests. The Tpt and A.Sax staves are empty. The Vn and Vc staves have a single note with a dynamic of *p* and a fermata. The Bass staff (bottom) has a melodic line of eighth notes.

c. 1'00"

45

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

IMPROVISATION 1

Improv-1

3/4

2 ♩ = 108

47

Gtr *gradually dissolve improvisation... (ignore new tempo)* *pp*

Pno

Kbd

Dm *gradually dissolve improvisation... (keep the same tempo but move to mostly cymbals)* *pp*

Perc *mf* *poco a poco cresc...*  
 3 Toms (wood sticks)  
*start at new tempo independently*

Tpt

A.Sax

Vn

Vc *ff*

Bass *gradually dissolve improvisation... (ignore new tempo)* *pp*

Gtr

Pno *ff*

Kbd *f*

Dm

Perc *f*

Tpt

A.Sax

Vn *mp*

Vc

Bass

Percussive (Industrial)

*ff* (clear as necessary)

*f*

*mp*

8

Detailed description: This is a page of a musical score for a 10-piece ensemble. The score is organized into ten staves, each for a different instrument. The instruments are: Guitar (Gtr), Piano (Pno), Keyboard (Kbd), Drums (Dm), Percussion (Perc), Trumpet (Tpt), Alto Saxophone (A.Sax), Violin (Vn), Viola (Vc), and Bass. The music is written in a 3/4 time signature, which changes to 4/4 for the second measure of each staff. The score includes various musical notations such as notes, rests, dynamics (ff, f, mp), and articulation marks. A specific instruction for the Piano part reads '(clear as necessary)' with an arrow pointing to the right. A box labeled 'Percussive (Industrial)' is placed above the Keyboard staff. The page number '51' is in the top left corner, and the page number '15' is at the bottom center.

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

slap pizz. effect

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

*f*

62

The musical score consists of ten staves for different instruments: Gtr, Pno, Kbd, Dm, Perc, Tpt, A.Sax, Vn, Vc, and Bass. The piece is in a key with one sharp (F#) and features a complex time signature change from 4/4 to 3/4 and back to 4/4. The Gtr part has a melodic line with a long note in the first measure. The Pno part has a rhythmic accompaniment with chords and single notes. The Kbd part provides harmonic support with chords and moving lines. The Dm part has a steady rhythmic pattern. The Perc part has a consistent drum pattern. The Tpt and A.Sax parts are mostly silent. The Vn and Vc parts have melodic lines. The Bass part has a rhythmic line with a double bass clef and a '8' below the staff.

The musical score is arranged in a standard orchestral layout with ten staves. The instruments are: Gtr (Guitar), Pno (Piano), Kbd (Keyboard), Dm (Drum), Perc (Percussion), Tpt (Trumpet), A.Sax (Alto Saxophone), Vn (Violin), Vc (Viola), and Bass (Double Bass). The score is divided into four measures, with time signatures changing from 3/4 to 4/4 and back to 3/4. The Gtr part features a complex rhythmic pattern with many sixteenth notes. The Pno part has a melodic line with accents and slurs. The Kbd part provides harmonic support with chords and moving lines. The Dm part shows a steady drum pattern with cymbal and snare work. The Perc part has a consistent rhythmic accompaniment. The Tpt and A.Sax parts are mostly silent, indicated by rests. The Vn and Vc parts have melodic lines with slurs and accents. The Bass part has a walking bass line with eighth and sixteenth notes.

68

This musical score is for a jazz ensemble, covering measures 68 through 71. The instruments and their parts are as follows:

- Gtr:** Features a melodic line with a mix of eighth and sixteenth notes, including some triplet patterns. It starts in 4/4, moves to 3/4, and returns to 4/4.
- Pno:** Provides harmonic support with chords and moving lines in both the right and left hands. The right hand often plays chords with grace notes, while the left hand has a more active bass line.
- Kbd:** Plays a steady bass line with eighth notes, primarily in the left hand, with some chords in the right hand.
- Dm:** Plays a complex rhythmic pattern using eighth and sixteenth notes, often with rests, creating a syncopated feel.
- Perc:** Plays a consistent eighth-note pattern, likely on a snare or similar drum.
- Tpt:** Remains silent throughout these measures.
- A.Sax:** Remains silent throughout these measures.
- Vn:** Plays a melodic line with some grace notes and slurs, mirroring the Gtr's melodic ideas.
- Vc:** Provides a low bass line with some grace notes and slurs, supporting the overall harmonic structure.
- Bass:** Plays a melodic line with eighth and sixteenth notes, often with grace notes, providing a strong rhythmic and harmonic foundation.

The time signature changes from 4/4 to 3/4 in measure 69 and back to 4/4 in measure 70. The key signature is consistent throughout, featuring a key signature of one sharp (F#).

71

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

*mf*

*mf*

*mf*

*mf*

The musical score for measures 74-77 is arranged for a band. The instruments and their parts are as follows:

- Gtr:** Features a complex rhythmic pattern with eighth and sixteenth notes, including a triplet in measure 75.
- Pno:** Provides harmonic support with chords and moving lines in both hands.
- Kbd:** Plays a steady eighth-note accompaniment.
- Dm:** Plays a rhythmic pattern with eighth notes and rests.
- Perc:** Plays a consistent eighth-note accompaniment.
- Tpt:** Plays a melodic line starting in measure 75, with dynamic markings *f* and *ff*.
- A.Sax:** Plays a melodic line similar to the trumpet, with dynamic markings *f* and *ff*.
- Vn:** Plays a melodic line with dynamic markings *f* and *ff*.
- Vc:** Provides a low-frequency accompaniment.
- Bass:** Plays a melodic line with dynamic markings *f* and *ff*.

The score is divided into three measures with time signatures of 4/4, 3/4, and 4/4. Measure 74 is the first measure of the system, and measure 77 is the last. The key signature is one sharp (F#).

This musical score is for a 12-piece band. The instruments and their parts are as follows:

- Gtr:** Electric guitar, playing a rhythmic pattern of eighth and sixteenth notes across the three measures.
- Pno:** Piano, playing chords and single notes in both hands, with accents and slurs.
- Kbd:** Keyboard, playing chords and single notes in both hands, with accents.
- Dm:** Drums, playing a complex rhythmic pattern with cymbals and snare.
- Perc:** Percussion, playing a rhythmic pattern of eighth notes.
- Tpt:** Trumpet, playing a melodic line with accents and a *ff* dynamic marking.
- A.Sax:** Alto saxophone, playing a melodic line with accents and a *ff* dynamic marking.
- Vn:** Violin, playing a melodic line with accents and a *ff* dynamic marking.
- Vc:** Viola, playing a melodic line with accents.
- Bass:** Double bass, playing a rhythmic pattern of eighth and sixteenth notes.

The score is divided into three measures, each with a different time signature: 3/4, 4/4, and 3/4. The key signature has one sharp (F#).

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

Sizzle Cymbal

*ff*

*ff*

*ff*

*ff*

*ff*

ord.

*ff*

85

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

Detailed description: This page of a musical score covers measures 85 through 89. The score is arranged for a jazz ensemble. The guitar (Gtr) part features a melodic line with eighth-note patterns and slurs. The piano (Pno) and keyboard (Kbd) parts provide harmonic support with chords and moving lines. The drums (Dm) and percussion (Perc) play a consistent rhythmic pattern. The trumpet (Tpt) and alto saxophone (A.Sax) have melodic lines with various intervals and accidentals. The violin (Vn) and viola (Vc) parts consist of sustained notes. The bass (Bass) part provides a steady eighth-note accompaniment. The page number 85 is in the top left corner, and the page number 25 is at the bottom center.

90

*ff*

This musical score page contains ten staves for measures 90 through 94. The instruments and their parts are as follows:

- Gtr:** Plays a rhythmic pattern of eighth notes with a sharp sign, starting in measure 91 and continuing through measure 94. The dynamic marking *ff* is placed below the first measure.
- Pno:** Features a melodic line in the right hand and a bass line in the left hand, with some notes marked with accents.
- Kbd:** Similar to the piano, it has a melodic line in the right hand and a bass line in the left hand.
- Dm:** Plays a rhythmic pattern of eighth notes with a sharp sign, similar to the guitar.
- Perc:** Provides a complex rhythmic accompaniment with various note values and rests.
- Tpt:** Plays a melodic line with a sharp sign, featuring some slurs and a final note with a comma.
- A.Sax:** Plays a melodic line with a sharp sign, featuring a long slur across measures 92 and 93.
- Vn:** Plays a melodic line with a sharp sign, featuring a long slur across measures 92 and 93.
- Vc:** Plays a melodic line with a sharp sign, featuring a long slur across measures 92 and 93.
- Bass:** Plays a rhythmic line in the bass clef, starting with an 8-measure rest.

c. 0'45"

95

gradually becoming sparser...

Gtr

IMPROVISATION 2

Pno

c.15"

c.15"

*ff*

maintain a steady tempo (with drumset)

IMPROVISATION 2

Kbd

Improv-2

Improv-2

Dm

maintain a steady tempo (with piano)

IMPROVISATION 2

Perc

increase rhythmic activity (include more complex rhythms)

(end with percussion solo)

IMPROVISATION 2

Tpt

Improv-2

A.Sax

Improv-2

Vn

Improv-2

Vc

Improv-2

Bass

Improv-2

♩ = 108

Line-6 Delay Effects ON  
MAX Processing 2

3 ♩ = 72

Use pitch bends, trills and ornaments to improvise around given pitches

96

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

Industrial Sample

long sustained looped sample

Vibraphone (4 med. mallets)  
(motor off)



This musical score is for a full orchestra and includes parts for the following instruments: Gtr, Pno, Kbd, Dm, Perc, Tpt, A.Sax, Vn, Vc, and Bass. The score is divided into four measures. The Gtr part features a tremolo effect on a high note. The Pno part has a complex texture with sixteenth-note runs and chords, marked with a piano (*p*) dynamic. The Kbd part consists of a sustained low-frequency line, marked with a pianissimo (*pp*) dynamic. The Dm part includes a sixteenth-note triplet and other rhythmic patterns, marked with a piano (*p*) dynamic. The Perc part features a steady rhythm of eighth notes, marked with a dynamic of 18. The Tpt part has a melodic line with a sixteenth-note triplet, marked with a piano (*p*) dynamic. The A.Sax part has a melodic line with a sixteenth-note triplet, marked with a pianissimo (*pp*) dynamic. The Vn part has a melodic line with a sixteenth-note triplet, marked with a piano (*p*) dynamic. The Vc part has a melodic line with a sixteenth-note triplet, marked with a piano (*p*) dynamic. The Bass part is mostly silent, with a small number 8 at the bottom left.

This musical score page, numbered 107, contains ten staves for different instruments. The Gtr staff has a treble clef and contains rests with some tremolos. The Pno staff has a grand staff (treble and bass clefs) and features a melodic line with sixteenth-note runs, slurs, and a *mp* dynamic marking. The Kbd staff has a grand staff and contains rests. The Dm staff has a single treble clef and includes a sixteenth-note run with a '6' above it and asterisks below. The Perc staff has a single treble clef and features a rhythmic pattern of eighth notes with a '18' above each. The Tpt staff has a single treble clef and contains a melodic line with a sixteenth-note run and a *mp* dynamic marking. The A.Sax staff has a single treble clef and contains a melodic line with a sixteenth-note run and a *mp* dynamic marking. The Vn staff has a single treble clef and contains a melodic line with a sixteenth-note run and a *mp* dynamic marking. The Vc staff has a single bass clef and contains a melodic line with a *mp* dynamic marking. The Bass staff has a single bass clef and contains rests with a '8' below the first measure.

Gtr: Sixteenth-note runs with sixths, starting in measure 112 and 114.

Pno: Chordal accompaniment with sixteenth-note patterns in the left hand. A sixteenth-note run with sixths in the right hand in measures 112-113. Dynamics: *mp*.

Kbd: "long sustained looped sample" starting in measure 112. Dynamics: *p* to *mf*.

Dm: Drum kit notation with sixteenth-note patterns and cymbal effects. Dynamics: *mp*.

Perc: Percussion with 18-stroke patterns. Dynamics: *poco cresc...*

Tpt: Sixteenth-note runs with sixths. Dynamics: *mp*.

A.Sax: Sixteenth-note runs with sixths. Dynamics: *mp*.

Vn: Sixteenth-note runs with sixths. Dynamics: *mp*.

Vc: Bass line with eighth and sixteenth notes. Dynamics: *mp*.

Bass: Bass line with eighth notes. Dynamics: *mp*.

This musical score page contains measures 115 through 118 for a full orchestra and guitar. The instruments and their parts are as follows:

- Gtr:** Features a melodic line with tremolos and accents.
- Pno:** Plays a complex texture with sixteenth-note runs and chords, marked with dynamics *mf* and *mp*.
- Kbd:** Provides a steady bass line with a long sustain pedal mark.
- Dm:** Features rhythmic patterns with sixteenth-note runs and accents.
- Perc:** Plays a rhythmic pattern with accents and dynamics *mf* and *poco dim...*.
- Tpt:** Plays a melodic line with a sixteenth-note run, marked *mf*.
- A.Sax:** Plays a melodic line with a sixteenth-note run, marked *mf*.
- Vn:** Plays a melodic line with a sixteenth-note run, marked *mf*.
- Vc:** Provides a bass line with a long sustain pedal mark, marked *mf*.
- Bass:** Provides a steady bass line.

This musical score is for rehearsal mark 119 and is set in 4/4 time. The score includes parts for the following instruments:

- Gtr:** Features a melodic line with two sixteenth-note sextuplets (marked '6') in the first two measures, followed by a tremolo effect and a final note marked *pp*.
- Pno:** Provides a harmonic accompaniment with chords and a melodic line. It includes two sixteenth-note sextuplets (marked '6') in the first two measures and a dynamic marking of *mp*.
- Kbd:** Remains silent throughout this section.
- Dm:** Plays a rhythmic pattern with a triplet of eighth notes (marked '7') and a sixteenth-note sextuplet (marked '6') in the third measure.
- Perc:** Features a rhythmic pattern with two eighth-note pairs (marked '18') in each measure, starting with a dynamic marking of *mp*.
- Tpt:** Plays a melodic line with a sixteenth-note sextuplet (marked '6') in the first measure and another in the fourth measure.
- A.Sax:** Plays a melodic line with a sixteenth-note sextuplet (marked '6') in the second measure.
- Vn:** Plays a melodic line with a sixteenth-note sextuplet (marked '6') in the first measure and another in the third measure.
- Vc:** Provides a low-frequency accompaniment with long, sustained notes.
- Bass:** Remains silent throughout this section.



Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

*cresc...*

*f*

This musical score is for a jazz ensemble and consists of 11 staves. The instruments and their parts are as follows:

- Gtr:** Electric guitar part with sixteenth-note runs and a final chord.
- Pno:** Piano part with sixteenth-note runs and a final chord.
- Kbd:** Keyboard part with a melodic line and a final chord.
- Dm:** Drums part with a rhythmic pattern of sixteenth notes.
- Perc:** Percussion part with a melodic line and a final chord.
- Tpt:** Trumpet part with a melodic line and a final chord.
- A.Sax:** Alto saxophone part with a melodic line and a final chord.
- Vn:** Violin part with a melodic line and a final chord.
- Vc:** Violoncello part with a melodic line and a final chord.
- Bass:** Double bass part with a melodic line and a final chord.

The score is written in a common time signature and features various musical notations such as slurs, accents, and dynamic markings. The number '6' appears frequently, likely indicating a sixteenth-note pattern. The number '18' appears in the Percussion part, likely indicating an 18-measure phrase. The number '8' appears in the Bass part, likely indicating an 8-measure phrase.

This musical score page contains ten staves for different instruments: Gtr, Pno, Kbd, Dm, Perc, Tpt, A.Sax, Vn, Vc, and Bass. The music is in 4/4 time. The guitar part (Gtr) features a melodic line with a final sixteenth-note flourish. The piano (Pno) and keyboard (Kbd) parts play a sixteenth-note arpeggiated figure with a 'poco cresc...' marking. The drum (Dm) part has a rhythmic pattern of sixteenth notes marked with 'x'. The percussion (Perc) part uses two tom-toms with a 'poco cresc...' marking. The trumpet (Tpt) and saxophone (A.Sax) parts play a sixteenth-note arpeggiated figure with a 'poco cresc...' marking. The violin (Vn) part plays a sixteenth-note arpeggiated figure with a 'poco cresc...' marking. The viola (Vc) and bass (Bass) parts play a single note with a 'poco cresc...' marking. The score includes dynamic markings such as *mf* and *f*, and articulation marks like accents and slurs. Measure numbers 6, 18, and 18 are indicated below the notes in various parts.

MAX Processing 4

133

(percussive strumming)

The musical score is for a piece titled "MAX Processing 4" on page 39. It is in 4/4 time and features a percussive strumming pattern. The score includes the following parts:

- Gtr:** Electric guitar part with a strong, percussive strumming pattern, marked *f*.
- Pno:** Piano accompaniment, marked *f*, with a simple harmonic structure.
- Kbd:** Keyboard accompaniment, marked *f*, featuring a rhythmic pattern with some melodic lines.
- Dm:** Drums, marked *f*, with a complex rhythmic pattern including sixteenth-note runs.
- Perc:** Percussion, which is mostly silent in this section.
- Tpt:** Trumpet part, marked *ff*, with a melodic line and sixteenth-note runs.
- A.Sax:** Alto saxophone part, marked *ff*, with a melodic line and sixteenth-note runs.
- Vn:** Violin part, marked *ff*, with a melodic line.
- Vc:** Violoncello part, marked *f*, with a melodic line.
- Bass:** Bass part, marked *f*, with a rhythmic pattern.

This musical score is for a jazz ensemble. It features ten staves: Gtr (Guitar), Pno (Piano), Kbd (Keyboard), Dm (Drum), Perc (Percussion), Tpt (Trumpet), A.Sax (Alto Saxophone), Vn (Violin), Vc (Viola), and Bass. The score is divided into two measures. The first measure shows the Gtr playing a rhythmic pattern, the Kbd playing chords and a melodic line, the Dm playing a complex pattern with sixteenth notes and rests, and the Bass playing a steady eighth-note line. The second measure continues the Gtr and Kbd parts, with the Dm playing a similar pattern. The Tpt and A.Sax parts enter in the second measure, both playing a melodic line with a sixteenth-note run and a dynamic marking of *mp*. The Vc and Bass parts continue their respective lines.



139

F MA7                      B<sup>b</sup>9                      F MA7+9

Gtr

IMPROVISATION 3

Pno

Improv-3

Kbd

F MA7                      B<sup>b</sup>MA9                      F MA7+9

Dm

Continue similar pattern

Perc

Improv-3

F MA7                      B<sup>b</sup>9                      F MA7+9

Tpt

IMPROVISATION 3

F MA7                      B<sup>b</sup>9                      F MA7+9

A.Sax

IMPROVISATION 3

Improv-3

Improv-3

F MA7                      B<sup>b</sup>9                      F MA7+9

Bass

Continue similar pattern with given chords

[♩ = 72]

143

gradually increase the level of distortion...

extreme distortion...

F#7sus4

Em<sup>9</sup>

Gtr

*p*

Pno

*ff*

Kbd

F#7sus4

Em<sup>9</sup>

Dm

Perc

Large Tenor Drum (soft mallets)

Tam-tam

*pp*

*mf*

*ff*

Tpt

F#7sus4

Em<sup>9</sup>

A.Sax

F#7sus4

Em<sup>9</sup>

Vn

Vc

Bass

F#7sus4

Em<sup>9</sup>

(♩ = 60)

c. 10"

147

4

(conductor cues each section change)

improvise freely using prepared guitar and effects

(spacious texture throughout)

Gtr

Pno

*pp*

(spacious texture throughout)

(pedal down until m. 156...)

Mellow Sustained Pad

Kbd

*pp* (gradually build chord and change smoothly to next chord)

brushes on cymbals and drums  
(and soft percussion fx)

(spacious texture throughout)

Dm

*fff*

*ppp*

Vibraphone (2 med. mallets)

(spacious texture throughout)

Perc

*p*

Tpt

*p*

A.Sax

*p*

Vn

Vc

Bass

*ff*

let ring...

slap bass

*p*

continue similar slap gestures  
(around specified pitches)

c. 10"

c. 10"

149

2

3

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

Continue with similar gestures using given pitches

[simile...]

overlap chords...

Continue with similar gestures using given pitches

very quiet string harmonics and rubbing strings (very sparse texture)

very quiet string harmonics and rubbing strings (very sparse texture)

gradually introduce other quiet effects (rubbing strings, etc.)

c. 10"

c. 10"

151

4

5

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

Musical score for a jazz ensemble, measures 151-155. The score includes staves for Guitar, Piano, Keyboard, Drums, Percussion, Trumpet, Alto Saxophone, Violin, Viola, and Bass. The piano part features a melodic line with a sharp sign in the first measure and a double flat in the second. The keyboard part has a simple harmonic accompaniment. The drums and percussion parts show rhythmic patterns. The string parts (Violin and Viola) have sustained notes with dynamic markings. The bass part has a walking bass line with a '8' time signature.

c. 10"

c. 10"

153

6

7

Gtr

Pno

gradually become more continuous...

Kbd

Dm

gradually less active...

Perc

gradually become more continuous...

Tpt

A.Sax

Vn

Vc

Bass

c. 10"

c. 10"

155

8

9

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

c. 10"

(♩ = 60)

157



Gtr  
 Pno  
 Kbd  
 Dm  
 Perc  
 Tpt  
 A.Sax  
 Vn  
 Vc  
 Bass

5 ♩ = 96-104

160

Distortion ON (high)  
MAX Processing 5

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

8

163

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

Sizzle Cymbal  
Med. Tam-tam  
3 Tom-toms (wood sticks)

6

6

6

6

6

8

Gtr

Pno

Kbd

Dm

Perc

Tpt

A.Sax

Vn

Vc

Bass

*f*

8

The musical score is arranged in a standard orchestral layout with the following parts from top to bottom:

- Gtr:** Electric guitar part featuring sixteenth-note runs with sixteenth-note beaming and sixteenth-note triplets. It includes a 2/4 time signature change and a 3/4 measure at the end.
- Pno:** Piano part, mostly rests.
- Kbd:** Keyboard part, mostly rests. A box labeled "Bright Synth 1" is placed above the right-hand staff.
- Dm:** Drums part, featuring a consistent rhythmic pattern with snare and bass drum.
- Perc:** Percussion part, featuring a consistent rhythmic pattern with snare and bass drum.
- Tpt:** Trumpet part, mostly rests.
- A.Sax:** Alto saxophone part, mostly rests.
- Vn:** Violin part, mostly rests.
- Vc:** Viola part, mostly rests.
- Bass:** Bass line part, featuring a simple eighth-note and quarter-note pattern.

This musical score page contains ten staves for measures 172, 173, and 174. The instruments and their parts are as follows:

- Gtr:** Electric guitar with a rhythmic eighth-note pattern in 4/4, changing to a triplet eighth-note pattern in 3/4.
- Pno:** Piano with a *ff* dynamic, playing chords and single notes in 4/4 and 3/4.
- Kbd:** Keyboard with a *ff* dynamic, playing a melodic line in 4/4 and 3/4.
- Dm:** Drums with a complex rhythmic pattern of eighth and sixteenth notes.
- Perc:** Percussion with a rhythmic pattern of eighth and sixteenth notes.
- Tpt:** Trumpet with a *f* dynamic, playing a melodic line in 4/4 and 3/4.
- A.Sax:** Alto saxophone with a *f* dynamic, playing a melodic line in 4/4 and 3/4.
- Vn:** Violin with a *f* dynamic, playing a melodic line in 4/4 and 3/4.
- Vc:** Viola with a *f* dynamic, playing a melodic line in 4/4 and 3/4.
- Bass:** Double bass with a melodic line in 4/4 and 3/4.

The score is written in 4/4 time for the first two measures and 3/4 time for the third measure. Dynamics include *ff* and *f*. The key signature has one sharp (F#).

The musical score is arranged in a standard orchestral layout with ten staves. The instruments and their parts are as follows:

- Gtr:** Electric guitar playing a steady eighth-note pattern with accents.
- Pno:** Piano accompaniment with chords and melodic fragments.
- Kbd:** Keyboard accompaniment with chords and melodic fragments.
- Dm:** Drums playing a complex rhythmic pattern with accents.
- Perc:** Percussion playing a steady eighth-note pattern with accents.
- Tpt:** Trumpet playing a melodic line with accents.
- A.Sax:** Alto saxophone playing a melodic line with accents.
- Vn:** Violin playing a melodic line with accents.
- Vc:** Viola playing a melodic line with accents.
- Bass:** Double bass playing a steady eighth-note pattern with accents.

The score is in 4/4 time and consists of three measures. The first measure contains the initial rhythmic and melodic material, while the second and third measures show the continuation of these patterns. The notation includes various rhythmic values, accents, and dynamic markings.

This musical score page contains ten staves for measures 178 through 181. The instruments and their parts are as follows:

- Gtr:** Features sixteenth-note runs with sixteenth-note beaming and sixteenth-note slurs, marked with a '6' above the staff.
- Pno:** Remains silent until measure 180, where it plays a *ff* chord.
- Kbd:** Remains silent until measure 180, where it plays a *ff* chord. A box labeled "Bright Synth 2" is positioned above the staff.
- Dm:** Plays a rhythmic pattern of eighth notes with accents and 'x' marks above the notes.
- Perc:** Plays a rhythmic pattern of eighth notes with accents.
- Tpt:** Remains silent until measure 180, where it plays a *f* note.
- A.Sax:** Remains silent until measure 180, where it plays a *f* note.
- Vn:** Remains silent until measure 180, where it plays a *f* note.
- Vc:** Remains silent until measure 180, where it plays a *f* note.
- Bass:** Plays a rhythmic pattern of eighth notes with a '8' below the staff.

This musical score is for measures 182 through 185 of a piece. It is written for a ten-piece jazz ensemble. The instruments and their parts are as follows:

- Gtr (Guitar):** Plays a rhythmic pattern of eighth notes in the treble clef, with a key signature of one flat.
- Pno (Piano):** Features a complex accompaniment with chords and moving lines in both the treble and bass clefs.
- Kbd (Keyboard):** Provides harmonic support with chords and melodic fragments in both staves.
- Dm (Drum):** Plays a steady eighth-note pattern with various accents and dynamics.
- Perc (Percussion):** Adds texture with eighth-note patterns and occasional syncopated rhythms.
- Tpt (Trumpet):** Plays a melodic line with slurs and accents, primarily in the treble clef.
- A.Sax (Alto Saxophone):** Plays a melodic line with slurs and accents, primarily in the treble clef.
- Vn (Violin):** Plays a melodic line with slurs and accents, primarily in the treble clef.
- Vc (Viola):** Plays a melodic line with slurs and accents, primarily in the bass clef.
- Bass:** Provides a solid bass line with eighth notes and slurs, primarily in the bass clef.

The score is divided into four measures. The first two measures are in 4/4 time, and the last two are in 2/4 time. The key signature is one flat. The notation includes various musical symbols such as slurs, accents, and dynamic markings.

This musical score is for page 185 and consists of ten staves. The instruments and their parts are as follows:

- Gtr:** Electric guitar part in 2/4 and 4/4 time, featuring a rhythmic pattern of eighth notes with accents.
- Pno:** Piano part in 2/4 and 4/4 time, with chords and melodic lines.
- Kbd:** Keyboard part in 2/4 and 4/4 time, primarily consisting of chords.
- Dm:** Drums part in 2/4 and 4/4 time, showing a complex rhythmic pattern with various drum sounds.
- Perc:** Percussion part in 2/4 and 4/4 time, featuring a steady eighth-note pattern.
- Tpt:** Trumpet part in 2/4 and 4/4 time, with melodic lines and accents.
- A.Sax:** Alto saxophone part in 2/4 and 4/4 time, with melodic lines and accents.
- Vn:** Violin part in 2/4 and 4/4 time, with melodic lines and accents.
- Vc:** Viola part in 2/4 and 4/4 time, with melodic lines and accents.
- Bass:** Bass line in 2/4 and 4/4 time, featuring a rhythmic pattern of eighth notes with accents.

This musical score is for rehearsal mark 188, set in 2/4 time. The score includes parts for the following instruments:

- Gtr (Guitar):** Features a complex melodic line with sixteenth-note runs and triplets. The first four measures contain sixteenth-note patterns with a '6' above them. The fifth and sixth measures continue with similar patterns, also marked with a '6'. The seventh measure has a triplet of eighth notes marked with a '3'.
- Pno (Piano):** Remains silent throughout the section.
- Kbd (Keyboard):** Remains silent throughout the section.
- Dm (Drum Machine):** Provides a steady rhythmic accompaniment with a pattern of eighth notes and rests.
- Perc (Percussion):** Plays a consistent eighth-note pattern with accents.
- Tpt (Trumpet):** Remains silent throughout the section.
- A.Sax (Alto Saxophone):** Remains silent throughout the section.
- Vn (Violin):** Remains silent throughout the section.
- Vc (Viola):** Remains silent throughout the section.
- Bass:** Provides a bass line with eighth notes and rests, starting on a low octave (marked with an '8').

This musical score page contains ten staves for measures 191 through 194. The instruments and their parts are as follows:

- Gtr:** Electric guitar part with a complex rhythmic pattern of eighth and sixteenth notes, including triplets and accents.
- Pno:** Piano part with a *ff* dynamic, featuring chords and single notes in both hands.
- Kbd:** Keyboard part with a *ff* dynamic, consisting of chords and single notes in both hands.
- Dm:** Drums part with a consistent pattern of eighth notes and accents.
- Perc:** Percussion part with a consistent pattern of eighth notes and accents.
- Tpt:** Trumpet part with a *ff* dynamic, playing a melodic line with eighth notes.
- A.Sax:** Alto saxophone part with a *ff* dynamic, playing a melodic line with eighth notes.
- Vn:** Violin part with a *ff* dynamic, playing a melodic line with eighth notes.
- Vc:** Violoncello part with a *ff* dynamic, playing a bass line with eighth notes.
- Bass:** Double bass part with a *ff* dynamic, playing a bass line with eighth notes.

The score is in 4/4 time and includes various musical notations such as accents, slurs, and dynamic markings.

This musical score is for a 12-piece band. The instruments and their parts are as follows:

- Gtr:** Electric guitar, playing a continuous eighth-note pattern in 4/4, 2/4, and 4/4 time signatures.
- Pno:** Piano, playing chords and single notes in the right hand, and chords in the left hand.
- Kbd:** Keyboard, playing chords in the right hand and rests in the left hand.
- Dm:** Drums, playing a complex rhythmic pattern with snare, tom, and cymbal.
- Perc:** Percussion, playing a rhythmic pattern with snare and tom.
- Tpt:** Trumpet, playing a melodic line with accents.
- A.Sax:** Alto saxophone, playing a melodic line with accents.
- Vn:** Violin, playing a melodic line with accents.
- Vc:** Viola, playing a melodic line with accents.
- Bass:** Bass guitar, playing a melodic line with accents.

The score is divided into three measures with time signatures of 4/4, 2/4, and 4/4. The key signature is one sharp (F#).

This musical score is for a jazz ensemble, featuring ten instruments: Guitar (Gtr), Piano (Pno), Keyboard (Kbd), Drums (Dm), Percussion (Perc), Trumpet (Tpt), Alto Saxophone (A.Sax), Violin (Vn), Viola (Vc), and Bass. The score is in 2/4 time and consists of three measures. The guitar part features a complex melodic line with sixteenth-note runs and sixteenth-note chords, with the number '6' indicating sixteenth notes. The piano and keyboard parts are silent. The drums play a steady eighth-note pattern with accents. The percussion part features a complex rhythmic pattern with accents. The trumpet, alto saxophone, violin, and viola parts all play a melodic line that starts at a mezzo-piano (*mp*) dynamic and crescendos to a fortissimo (*ff*) dynamic. The bass part plays a steady eighth-note pattern.

This musical score is for a 203-measure section, likely a bridge or a specific part of a larger piece. The score is written in 2/4 time and includes parts for the following instruments:

- Gtr (Guitar):** Features a melodic line with a triplet of eighth notes in the first measure, followed by a series of eighth-note patterns.
- Pno (Piano):** Provides harmonic support with chords and single notes, marked with a forte (*ff*) dynamic.
- Kbd (Keyboard):** Similar to the piano part, providing harmonic support with chords and single notes, also marked with a forte (*ff*) dynamic.
- Dm (Drum):** Plays a consistent rhythmic pattern of eighth notes with a snare drum.
- Perc (Percussion):** Plays a consistent rhythmic pattern of eighth notes with a snare drum.
- Tpt (Trumpet):** Features a melodic line with accents, marked with a forte (*ff*) dynamic.
- A.Sax (Alto Saxophone):** Features a melodic line with accents, marked with a forte (*ff*) dynamic.
- Vn (Violin):** Features a melodic line with accents, marked with a forte (*ff*) dynamic.
- Vc (Viola):** Features a melodic line with accents, marked with a forte (*ff*) dynamic.
- Bass:** Provides a steady bass line with eighth notes.

This musical score page contains ten staves for measures 208 through 211. The instruments and their parts are as follows:

- Gtr:** Electric guitar with a complex rhythmic pattern of eighth and sixteenth notes, including accents and slurs.
- Pno:** Piano accompaniment with chords and single notes in both treble and bass clefs.
- Kbd:** Keyboard accompaniment with single notes in both treble and bass clefs.
- Dm:** Drum set part with a consistent pattern of snare and bass drum hits.
- Perc:** Percussion part with a steady eighth-note pattern.
- Tpt:** Trumpet part with a melodic line of quarter notes.
- A.Sax:** Alto saxophone part with a melodic line of quarter notes.
- Vn:** Violin part with a melodic line of quarter notes.
- Vc:** Violoncello part with a melodic line of quarter notes.
- Bass:** Double bass part with a melodic line of quarter notes.

The score is written in 4/4 time and includes various musical notations such as accents, slurs, and dynamic markings.

Musical score for page 212, featuring multiple instruments. The score is in 4/4 and 2/4 time signatures. The dynamic marking *fff* is present. The instruments and their parts are:

- Gtr:** Electric guitar, playing a rhythmic pattern of eighth notes in 4/4, then a similar pattern in 2/4.
- Pno:** Piano, playing chords in 4/4, then chords in 2/4.
- Kbd:** Keyboard, playing chords in 4/4, then chords in 2/4.
- Dm:** Drums, playing a complex rhythmic pattern with snare and bass drum.
- Perc:** Percussion, playing a complex rhythmic pattern with snare and bass drum.
- Tpt:** Trumpet, playing a melodic line in 4/4, then a similar line in 2/4.
- A.Sax:** Alto saxophone, playing a melodic line in 4/4, then a similar line in 2/4.
- Vn:** Violin, playing a melodic line in 4/4, then a similar line in 2/4.
- Vc:** Viola, playing a melodic line in 4/4, then a similar line in 2/4.
- Bass:** Double bass, playing a melodic line in 4/4, then a similar line in 2/4.

**Gtr**  
4/4

**Pno**  
4/4  
*f*

**Kbd**  
4/4

**Dm**  
4/4

**Perc**  
4/4  
*mf*  
*poco a poco cresc. . .*

**Tpt**  
4/4  
*mp*  
*poco a poco cresc. . .*

**A.Sax**  
4/4  
*mp*  
*poco a poco cresc. . .*

**Vn**  
4/4  
*mp*  
*poco a poco cresc. . .*

**Vc**  
4/4  
*mf*  
*poco a poco cresc. . .*

**Bass**  
4/4  
*mf*  
*poco a poco cresc. . .*

Gtr

Pno *ff*

Kbd *mf* *poco a poco cresc. ...*

Dm

Perc *ff*

Tpt *ff*

A.Sax *ff*

Vn *ff*

Vc

Bass

8

A musical score for a jazz ensemble, page 68. The score is arranged in ten staves, each for a different instrument. The instruments are: Gtr (Guitar), Pno (Piano), Kbd (Keyboard), Dm (Drum), Perc (Percussion), Tpt (Trumpet), A.Sax (Alto Saxophone), Vn (Violin), Vc (Violoncello), and Bass. The music is in a 4/4 time signature and a key signature of one flat (B-flat major or D minor). The score is divided into three measures. The Gtr part features a complex, rhythmic pattern with many sixteenth notes. The Pno part has a steady eighth-note accompaniment. The Kbd part provides harmonic support with chords and moving lines. The Dm part has a consistent eighth-note pattern. The Perc part has a steady eighth-note pattern. The Tpt part has a melodic line with some rests. The A.Sax part has a melodic line with some rests. The Vn part has a melodic line with some rests. The Vc part has a melodic line with some rests. The Bass part has a melodic line with some rests. Dynamics include *ff* (fortissimo) and *fff* (fortississimo).

225

Gtr *ff* *fff*  
 Pno  
 Kbd *fff*  
 Dm *f* *cresc. ...* *fff*  
 Perc *f* *cresc. ...* *fff*  
 Tpt *ff*  
 A.Sax *ff*  
 Vn *ff*  
 Vc *ff*  
 Bass *ff*