

*COMMISSIONED BY THE ALABAMA ORCHESTRA ASSOCIATION
BOHUSLAV RATTAY, CONDUCTOR*

DEUS EX MACHINA
(2006)
FOR ORCHESTRA

MARK LORTZ

INSTRUMENTATION

Score is Transposed

Duration: 8'45"

3 Flutes (3rd doubles Piccolo)

2 Oboes

2 Clarinets in B-flat

1 Bass Clarinet in B-flat

2 Bassoons

1 Contrabassoon

4 Horns in F

3 Trumpets in C

3 Trombones (3rd is Bass Trombone)

1 Tuba

Timpani

Percussion (3 players)

Percussion 1

Xylophone, Chimes, Marimba, Vibraphone, Bells, Gong, Suspended Cymbal

Percussion 2

Wind Chimes, Suspended Cymbal, Marimba, Snare Drum, Vibraphone, Bass Drum, Hi-Hat, Gong

Percussion 3

Bass Drum, Snare Drum, Suspended Cymbal, Crash Cymbals, Xylophone, Wood Block

Harp (Optional Piano)

1st Violin

2nd Violin

Viola

Violoncello

Double Bass

Deus Ex Machina - Program Notes

In some ancient Greek drama, an apparently insoluble crisis was solved by the intervention of a god, often brought on stage by an elaborate piece of equipment. The god was lowered by stage machinery to resolve a plot or extricate the protagonist from a difficult situation. This "god from the machine" was literally a *deus ex machina*.

On April 17, 2005 a serious car accident left me unconscious and in the University of Maryland's Shock Trauma unit. Having sustained a severe concussion and fractured pelvis, my recovery has been protracted. Throughout the pain and challenge of recuperation my "divine interference" was music. Almost a year has passed and this piece, created in concurrence with my rehabilitation, symbolizes my "Deus ex Machina." A programmatic work, it represents the accident, trauma, pain, and my eventual recovery.

Deus ex Machina is dedicated to the men and women of the University of Maryland's Shock Trauma.

Mark Lortz is band and orchestra director at Westminster high school (Westminster, Maryland), where he directs the Orchestra, Concert and Marching Bands, Percussion Ensemble, Colorguard and Electronic & Computer Music Program. Under his leadership, his ensembles have won state, regional and national competitions. In 2005 and 2006, the Westminster high school music department was selected as a national semi finalist Grammy Signature School.

Mr. Lortz earned bachelors, teaching certification and master's degrees from The Peabody Conservatory of Music of the Johns Hopkins University, majoring in percussion performance, music education and composition. He performs regularly with the Baltimore Symphony Orchestra as a percussionist/timpanist and can be heard on numerous recordings with the orchestra. He was principal percussionist with the Yamaha® Performing Ensemble, The Dallas Brass, and associate conductor and principal percussionist with the touring production of The Phantom of The Opera. He has performed with the Baltimore Chamber Symphony, the Baltimore Choral Arts Society, the Baltimore Opera Orchestra, the Gettysburg Symphony, and for various concert and theatrical productions in the metropolitan Baltimore and Washington areas. He has performed with and instructed the Drum Corps International (DCI) Cadets of Bergen County Drum and Bugle Corps, and he has been associated with the group's success in winning the coveted Drum Corps International Championships and the high percussion award.

Mr. Lortz's original music has been premiered at the prestigious Mid West Band and Orchestra Clinic, universities, music schools and conservatories throughout the nation. Mr. Lortz was commissioned in 2004, by a multiple university consortium to transcribe Philip Glass' Double Fantasy for Two Timpanists and Orchestra for symphonic band and published through Dunvagen Music publisher. He is the Front Ensemble coordinator and arranger for the world champion Drum Corps Associates (DCA) Drum & Bugle Corps The Reading Buccaneers and has arranged marching band music for high schools and colleges throughout the country. He was the Percussion Caption Head and wind and percussion arranger for the United States Naval Academy Drum and Bugle Corps, winning the Inter-service Academy Drum & Bugle Corps Championship and high percussion award. An active adjudicator and clinician in the mid-Atlantic region, Mr. Lortz is a member of the prestigious national music honorary society Pi Kappa Lambda, The American Society of Composers, Authors and Publishers (ASCAP), National Association of Music Education (MENC), Maryland Band Directors Association (MBDA), Maryland Orchestra Director's Association (MODA), American Federation of Musicians (AFM), and is a Marching Percussion Specialist and Scholastic Educator for the Vic Firth Percussion Education Program. He is constantly in demand as an adjudicator, clinician and guest conductor.

DEUS EX MACHINA

(GOD FROM THE MACHINE)

MARK LORTZ

Misterioso (M.M. ♩ = c. 60)

Flute 1-2 *a2* *sfz*

Piccolo (Flute 3) *Picc.* *sfz*

Oboe 1-2 *sfz*

Clarinet in B \flat 1-2 *sfz*

Bass Clarinet in B \flat (stagger breathe as necessary) *p* *mf* *p*

Bassoon 1-2 (stagger breathe as necessary) *p* *mf* *p*

Contrabassoon (Bassoon 3) (stagger breathe as necessary) *p* *mf* *p*

Horn in F 1 2 *sfz* Bells up *a2* *f*

Horn in F 3 4 *sfz* Bells up *a2* *f*

Trumpet in C 1 *sfz*

Trumpet in C 2-3 *sfz*

Trombone 1-2 *a2* *sfz*

Bass Trombone (Trombone 3) *sfz*

Tuba *sfz*

Timpani *sfz*

Percussion 1 (Mallets) *sfz* Xylo. *mp* *sfz* *p*

Percussion 2 *sfz* Marimba *sfz* *p*

Percussion 3 *sfz* Bass Drum *sfz* *p*

Harp (Optional Piano) *p* *mf*

Violin I *p* *mf* *p*

Violin II *p* *mf* *p*

Viola *Divisi* *p* *mf* *p* *Unis.*

Cello *Unis.* *Divisi* *p* *mf* *p*

Contrabass * If Low D is not available play 8va *p* *mf* *p*

1 2 3 4 5 6 7

Deus ex Machina - 5

11 Allegro (M.M. ♩ = c. 192)

This musical score is for the piece "Deus ex Machina - 5", marked "11 Allegro (M.M. ♩ = c. 192)". The score is arranged for a full orchestra and includes the following parts:

- Fl. 1-2**: Flutes 1 and 2, mostly silent.
- Picc. (Fl. 3)**: Piccolo flute, mostly silent.
- Ob. 1-2**: Oboes 1 and 2, playing a melodic line starting at measure 8 with dynamics *mp* and *f*.
- B♭ Cl. 1-2**: Bass Clarinets 1 and 2, playing a melodic line starting at measure 8 with dynamics *mf* and *f*.
- B. Cl.**: B♭ Clarinet, playing a melodic line starting at measure 8 with dynamics *mf* and *f*, with a note marked "(stagger breathe as necessary)".
- Bsn. 1-2**: Bassoons 1 and 2, playing a melodic line starting at measure 8 with dynamics *mf* and *f*, with notes marked "(stagger breathe as necessary)".
- C. Bn. (Bsn. 3)**: Contrabassoon (Bassoon 3), playing a melodic line starting at measure 8 with dynamics *mf* and *f*, with notes marked "(stagger breathe as necessary)".
- Hn. 1-4**: Horns 1 through 4, playing a melodic line starting at measure 8 with dynamics *p*.
- C Tpt. 1-3**: Cornets 1 through 3, playing a melodic line starting at measure 8 with dynamics *mp* and *f*. The first part is marked "Muted".
- Tbn. 1-2**: Trombones 1 and 2, mostly silent.
- B. Tbn. (Tbn. 3)**: Baritone Trombone (Trombone 3), playing a melodic line starting at measure 8 with dynamics *f* and *p*, marked "Muted".
- Tuba**: Tuba, playing a melodic line starting at measure 8 with dynamics *mf* and *f*.
- Timp.**: Timpani, playing a melodic line starting at measure 8 with dynamics *p*, *mf*, and *f*.
- Perc. 1 (Mlts.)**: Percussion 1 (Mlts.), mostly silent.
- Perc. 2**: Percussion 2 (Snare Drum), playing a rhythmic pattern starting at measure 11 with dynamics *p*.
- Perc. 3**: Percussion 3, mostly silent.
- Hp. (Opt. Pno.)**: Harp (Optional Piano), playing a melodic line starting at measure 10 with dynamics *mf*.
- Vln. I & II**: Violins I and II, playing a melodic line starting at measure 11 with dynamics *l.v.* and *p*.
- Vla.**: Viola, playing a melodic line starting at measure 11 with dynamics *l.v.* and *p*.
- Ve.**: Violoncello, playing a melodic line starting at measure 11 with dynamics *f* and *p*.
- Cb.**: Contrabasso, playing a melodic line starting at measure 11 with dynamics *p*.

The score is divided into measures 8 through 18. The key signature is one sharp (F#), and the time signature is 4/4. The tempo is marked "Allegro" with a metronome marking of approximately 192 beats per minute.

Deus ex Machina - 7

31

Fl. 1-2 *f* *mf* *f* *mf*

Picc. (Fl. 3) *f* *mf* *f* *mf*

Ob. 1-2 *f*

B♭ Cl. 1-2 *f* *mf* *f* *mf*

B. Cl. *p* *mf* *p* *mf*

Bsn. 1-2 *p* *mf* *p* *mf*

C. Bn. (Bsn. 3)

Hn. 1 2 *a2* *p* *mf* *p*

Hn. 3 4 *a2* *p* *mf* *p*

Open

C Tpt. 1 *f*

Open

Tbn. 1-2 *f* *Muted-Like an echo* *f* *p*

Open

B. Tbn. (Tbn. 3) *f*

Tuba

Timp.

Perc. 1 (Mlts.) *Gong* *mp* *Xylo. b* *mf*

Perc. 2 *p*

Perc. 3 *Bass Drum* *p*

Hp. (Opt. Pno.) *p*

31

Vln. I *f* *pizz.* *sfz* *arco* *p*

Vln. II *f* *pizz.* *sfz* *pizz.* *b* *mf*

Vla. *f* *pizz.* *sfz* *pizz.* *b* *mf*

Ve. *f* *Güeswml* *mf* *p* *mf*

Cb. *f* *p* *mf* *p* *mf*

30 31 32 33 34 35 36 37 38 39 40

Deus ex Machina - 8

43

This musical score page contains the following parts and markings:

- Fl. 1-2:** *mf* (measures 43-46)
- Picc. (Fl. 3):** Rests
- Ob. 1-2:** *mf* (measures 45-46)
- B♭ Cl. 1-2:** Rests
- B. Cl.:** *p* (measures 43-46)
- Bsn. 1-2:** *p* (measures 43-46)
- C. Bn. (Bsn. 3):** *p* (measures 43-46)
- Hn. 1-4:** *p* (measures 43-46)
- C Tpt. 1-3:** Rests
- Tbn. 1-2:** *p* (measures 43-46)
- B. Tbn. (Tbn. 3):** *p* (measures 43-46)
- Tuba:** Rests
- Timp.:** *p* (measures 43-46)
- Perc. 1 (Mlts.):** *p* (measures 43-46)
- Perc. 2 (Vibes):** *mf* (measures 43-46)
- Perc. 3:** *p* (measures 43-46)
- Hp. (Opt. Pno.):** *f* (measures 41-42), *p* (measures 43-46)
- Vln. I:** *f* (measures 41-42), *p* (measures 43-46), *arco* (measures 45-46)
- Vln. II:** *p* (measures 43-46), *arco* (measures 45-46)
- Vla.:** *mf* (measures 43-46), *arco* (measures 45-46)
- Ve.:** *mf* (measures 43-46)
- Cb.:** *p* (measures 43-46)

Measure numbers 41, 42, 43, 44, 45, and 46 are indicated at the bottom of the page.

54

Fl. 1-2 *f* *mf*

Picc. (Fl. 3) *mf*

Ob. 1-2 *mp* *mf* *a2*

B♭ Cl. 1-2 *mf* *p* *f* *p* *f* *p* *mf*

B. Cl. *mf* *p* *f* *p* *f* *p* *mf*

Bsn. 1-2 *mf* *p* *f* *p* *f* *p* *mf*

C. Bn. (Bsn. 3) *sfz* *mf*

Hn. 1 2 *fp*

3 4 *fp*

C Tpt. 1 *Muted* *mp* *Muted* *Open* *mf*

2-3 *mp* *Open* *mf*

Tbn. 1-2 *sfz* *mf* *a2*

B. Tbn. (Tbn. 3) *sfz* *mf*

Tuba *mf*

Timp. *fp*

Perc. 1 (Mlts.) *mf* *p* *f* *p* *f* *p*

Perc. 2 *mf* *Sn. Dr.* *sfz* *p*

Perc. 3 *Sus. Cym.* *sfz*

Hp. (Opt. Pno.) *f* *mf*

54

Vln. I *pizz.* *mf* *pizz.* *mf* *pizz.* *mf* *pizz.* *mf* *arco* *mf*

Vln. II *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf* *arco* *mf*

Vla. *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf* *arco* *mf*

Ve. *mf* *p* *f* *p* *f* *p* *mf* *mf* *arco* *mf*

Cb. *mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf* *arco* *mf*

53 54 55 56 57 58 59 60 61

Ritard 67 **Maestoso** (M.M. ♩ = c. 88)

Fl. 1-2 *f* *sfz* *sfz* *fffz* *ff*

Picc. (Fl. 3) *f* *sfz* *sfz* *fffz* *ff*

Ob. 1-2 *f* *sfz* *sfz* *fffz* *ff*

B♭ Cl. 1-2 *f* *sfz* *sfz* *fffz* *ff*

B. Cl. *f* *sfz* *sfz* *fffz* *ff*

Bsn. 1-2 *f* *sfz* *sfz* *fffz* *ff*

C. Bn. (Bsn. 3) *f* *sfz* *sfz* *fffz* *ff*

Hn. 1 *mf* *f* *sfz* *sfz* *fffz* *ff*

Hn. 2 *mf* *f* *sfz* *sfz* *fffz* *ff*

Hn. 3 *mf* *f* *sfz* *sfz* *fffz* *ff*

Hn. 4 *mf* *f* *sfz* *sfz* *fffz* *ff*

C Tpt. 1 *fp* *f* *sfz* *sfz* *fffz* *ff*

C Tpt. 2-3 *fp* *f* *sfz* *sfz* *fffz* *ff*

Tbn. 1-2 *f* *sfz* *sfz* *fffz* *ff*

B. Tbn. (Tbn. 3) *f* *sfz* *sfz* *fffz* *ff*

Tuba *f* *sfz* *sfz* *fffz* *ff*

Timp. *f* *sfz* *sfz* *fffz* *ff*

Perc. 1 (Mlts.) *f* *sfz* *sfz* *fffz* *ff*

Perc. 2 *f* *sfz* *sfz* *fffz* *ff*

Perc. 3 *f* *sfz* *sfz* *fffz* *ff*

Hp. (Opt. Pno.) *f* *sfz* *sfz* *fffz* *ff*

Vln. I *f* *sfz* *sfz* *fffz* *ff*

Vln. II *f* *sfz* *sfz* *fffz* *ff*

Vla. *f* *sfz* *sfz* *fffz* *ff*

Ve. *f* *sfz* *sfz* *fffz* *ff*

Cb. *f* *sfz* *sfz* *fffz* *ff*

62 63 64 65 66 67

Deus ex Machina - 12

This musical score is for the piece "Deus ex Machina - 12". It is a full orchestral score spanning four pages (68-71). The instrumentation includes:

- Woodwinds: Flute 1-2, Piccolo (Flute 3), Oboe 1-2, Bass Clarinet 1-2, Clarinet in B-flat, Bassoon 1-2, and Contrabassoon (Bassoon 3).
- Brass: Horns 1-4, Trumpets 1-3, Trombones 1-2, Bass Trombone (Trombone 3), and Tuba.
- Strings: Violin I and II, Viola, Violoncello (Cello), and Contrabass.
- Percussion: Timpani, Percussion 1 (Mallets), Percussion 2, and Percussion 3.
- Other: Harp (Optional Piano).

The score is written in a key signature of one flat (B-flat major or D minor) and a 3/4 time signature. It features complex rhythmic patterns, including sixteenth-note runs and triplets. Dynamics range from *fp* (fortissimo piano) to *f* (forte). The Harp part includes a glissando marked *f* on page 71. The woodwinds and strings play intricate melodic and harmonic lines, while the brass provides a strong rhythmic and harmonic foundation.

72 Allegro (M.M. ♩ = c. 176)

Fl. 1-2
Picc. (Fl. 3)
Ob. 1-2
B♭ Cl. 1-2
B. Cl.
Bsn. 1-2
C. Bn. (Bsn. 3)
Hn. 1, 2, 3, 4
C Tpt. 1, 2-3
Tbn. 1-2
B. Tbn. (Tbn. 3)
Tuba
Timp.
Perc. 1 (Mlts.)
Perc. 2
Perc. 3
Hp. (Opt. Pno.)

72 Allegro (M.M. ♩ = c. 176)

Vln. I, II
Vla.
Vc.
Cb.

87

Fl. 1-2 *f* *sfz* *f*

Picc. (Fl. 3) *f* *sfz* *f*

Ob. 1-2 *sfz* *f*

B♭ Cl. 1-2 *f* *sfz* *f*

B. Cl. *sfz* *sfz*

Bsn. 1-2 *sfz* *sfz*

C. Bn. (Bsn. 3) *sfz* *sfz*

Hn. 1 2 *sfz* *f* *a2*

Hn. 3 4 *sfz* *f* *a2*

C Tpt. 1 *sfz* *sfz*

C Tpt. 2-3 *sfz* *sfz*

Tbn. 1-2 *sfz* *sfz* *mf*

B. Tbn. (Tbn. 3) *sfz* *sfz* *mf*

Tuba *sfz* *sfz*

Timp.

Perc. 1 (Mlts.) *fp*

Perc. 2 Bass Drum *f*

Perc. 3 Cr. Cyms. *f* *f*

Hp. (Opt. Pno.)

Vln. I *sfz* *fp*

Vln. II *fp*

Vla. *fp*

Ve. *sfz*

Cb. *sfz*

84 85 86 87 88 89 90 91 92 93 94

This musical score page, titled "Deus ex Machina - 15", features a variety of instruments. The woodwind section includes Flute 1-2, Piccolo (Flute 3), Oboe 1-2, Bass Clarinet 1-2, Clarinet in B-flat, Bassoon 1-2, and Contrabassoon (Bassoon 3). The brass section consists of Horns 1-4, Trumpet 1, Trumpets 2-3, Trombone 1-2, Baritone Trombone (Trombone 3), and Tuba. The percussion section includes Percussion 1 (Multiple Tom-toms), Percussion 2, and Percussion 3. The string section includes Violin I, Violin II, Viola, Violoncello, and Contrabasso. The Harp (Optional Piano) is also present. The score is written in a key signature of one flat and a 4/4 time signature. It includes dynamic markings such as *p*, *mp*, *mf*, *f*, *fp*, and *fz*, as well as performance instructions like *a2* and *Flute*. The page is numbered 95 through 103 at the bottom.

Fl. 1-2
Picc. (Fl. 3)
Ob. 1-2
B♭ Cl. 1-2
B. Cl.
Bsn. 1-2
C. Bn. (Bsn. 3)
Hn. 1, 2, 3, 4
C Tpt. 1, 2-3
Tbn. 1-2
B. Tbn. (Tbn. 3)
Tuba
Timp.
Perc. 1 (Mlts.)
Perc. 2 (Sn. Dr.)
Perc. 3 (Sus. Cym.)
Hp. (Opt. Pno.)

Vln. I, II
Vla.
Vc.
Cb.

Deus ex Machina - 18

This musical score is for the piece "Deus ex Machina - 18". It is a full orchestral score spanning measures 124 to 131. The instrumentation includes:

- Flutes 1-2 (Fl. 1-2)
- Picc. (Piccolo) (Fl. 3)
- Oboes 1-2 (Ob. 1-2)
- B♭ Clarinets 1-2 (B♭ Cl. 1-2)
- B♭ Clarinet (B. Cl.)
- Bassoons 1-2 (Bsn. 1-2)
- Contrabassoon (C. Bn. (Bsn. 3))
- Horns 1-4 (Hn. 1, 2, 3, 4)
- Trumpets 1-3 (C Tpt. 1, 2-3)
- Trombones 1-2 (Tbn. 1-2)
- Bass Trombone (B. Tbn. (Tbn. 3))
- Tuba
- Timpani (Timp.)
- Percussion 1 (Mlts.) (Perc. 1)
- Percussion 2 (Perc. 2)
- Percussion 3 (Perc. 3)
- Harp (Hp. (Opt. Pno.))
- Violins I and II (Vln. I, II)
- Viola (Vla.)
- Violoncello (Ve.)
- Double Bass (Cb.)

The score features complex rhythmic patterns, including sixteenth-note runs in the woodwinds and a steady eighth-note accompaniment in the strings and percussion. Dynamics such as *f* (forte) and *a2* (second octave) are indicated throughout. The key signature has one flat (B♭), and the time signature is 4/4. The score concludes at measure 131.

This musical score is for the piece "Deus ex Machina - 19". It is a full orchestral score spanning 132 to 140 measures. The instrumentation includes:

- Flutes 1-2 (Fl. 1-2)
- Piccolo (Picc. (Fl. 3))
- Oboes 1-2 (Ob. 1-2)
- Bass Clarinet 1-2 (B♭ Cl. 1-2)
- Bass Clarinet (B. Cl.)
- Bassoons 1-2 (Bsn. 1-2)
- Contrabassoon (C. Bn. (Bsn. 3))
- Horns 1-4 (Hn. 1, 2, 3, 4)
- Trumpets 1-3 (C Tpt. 1, 2-3)
- Trombones 1-3 (Tbn. 1-2, B. Tbn. (Tbn. 3))
- Tuba
- Timpani (Timp.)
- Percussion 1 (Mlts.) (Perc. 1 (Mlts.))
- Percussion 2 (Perc. 2)
- Percussion 3 (Perc. 3)
- Harp (Opt. Pno.) (Hp. (Opt. Pno.))
- Violins I and II (Vln. I, II)
- Viola (Vla.)
- Violoncello (Ve.)
- Double Bass (Cb.)

The score features complex rhythmic patterns, including sixteenth-note runs and triplets. Dynamics range from *mf* (mezzo-forte) to *sfz* (sforzando) and *f* (forte). Performance instructions include *Glissando* for the trombones and various articulation marks like accents and slurs. The key signature has one flat (B-flat), and the time signature is 4/4.

This musical score is for the piece "Deus ex Machina - 20". It is a full orchestral score spanning measures 141 to 146. The score includes parts for the following instruments:

- Fl. 1-2 (Flutes)
- Picc. (Fl. 3) (Piccolo)
- Ob. 1-2 (Oboes)
- B♭ Cl. 1-2 (Bass Clarinets)
- B. Cl. (Bass Clarinet)
- Bsn. 1-2 (Bassoons)
- C. Bn. (Bsn. 3) (Contrabassoon)
- Hn. 1, 2, 3, 4 (Horns)
- C Tpt. 1, 2-3 (Trumpets)
- Tbn. 1-2 (Tenors)
- B. Tbn. (Tbn. 3) (Baritone)
- Tuba
- Timp. (Timpani)
- Perc. 1 (Mlts.) (Percussion 1)
- Perc. 2 (Percussion 2)
- Perc. 3 (Percussion 3)
- Hp. (Opt. Pno.) (Harp)
- Vln. I, II (Violins)
- Vla. (Viola)
- Ve. (Violoncello)
- Cb. (Contrabass)

Key features of the score include:

- Tempo and Meter:** The score transitions from a common time signature to 6/4 time at measure 144.
- Dynamic Markings:** Various dynamics are used, including *f* (forte), *fp* (fortissimo piano), and *a2* (fortissimo).
- Performance Techniques:** Specific instructions include "Bell Tones" for the Horns and "Divisi" for the Viola.
- Articulation:** The score features numerous accents, slurs, and phrasing marks throughout the woodwind and string parts.

147 Andantino Semplice (♩ = c. 56-60)

Musical score for measures 147-150. The score includes parts for Flutes 1-2, Piccolo (Flute 3), Oboes 1-2, Bass Clarinet 1-2, Bass Clarinet, Bassoons 1-2, Contrabassoon (Bassoon 3), Horns 1-4, Trumpets 1-3, Trombones 1-2, Bass Trombone (Trombone 3), Tuba, Timpani, Percussion 1 (Mallets), Percussion 2, Percussion 3, and Harp (Optional Piano). The key signature is three flats (B-flat major/D-flat minor). The tempo is Andantino Semplice with a quarter note equal to approximately 56-60 beats per minute. Dynamics range from *f* (forte) to *p* (piano). Performance instructions include "(stagger breathe as necessary)" for woodwinds and "mf" (mezzo-forte) for horns. The harp part begins in measure 150 with a *f* dynamic.

147 Andantino Semplice (♩ = c. 56-60)

Musical score for measures 151-157. The score includes parts for Violin I, Violin II, Viola, Violoncello (Cello), and Contrabasso (Double Bass). The key signature is three flats. Dynamics range from *f* (forte) to *p* (piano). Performance instructions include "Unis." (unison) for the cello and double bass in measures 153-157, and "Divisi" (divisi) for the double bass in measure 151. The cello and double bass parts feature triplets in measures 155 and 156. The harp part continues from the previous page, ending in measure 157 with a *mf* dynamic.

This musical score page, titled "Deus ex Machina - 22", features a variety of instruments. The woodwind section includes Flutes 1-2, Piccolo (Flute 3), Oboes 1-2, Bass Clarinet 1-2, Clarinet in B-flat, Bassoons 1-2, and Contrabassoon (Bassoon 3). The brass section consists of Horns 1-4, Trumpets in C (1 and 2-3), Trombones 1-2 and Bass Trombone (3), and Tuba. Percussion includes Timpani, three Mallet Percussion instruments, and Harp (Optional Piano). The string section includes Violins I and II, Viola, Violoncello, and Contrabass. The score spans measures 158 to 168. Dynamics range from *mp* to *mf*. Performance instructions include "Muted" for brass, "Unis." (unison) and "Divisi" (divided) for strings, and "Gliss." (glissando) for strings and woodwinds. The key signature has two flats, and the time signature is 4/4.

169

Piu Mosso (♩ = c. 72)

Fl. 1-2 *mf* *a2*

Picc. (Fl. 3) *mf* Flute

Ob. 1-2

B♭ Cl. 1-2

B. Cl. *mp*

Bsn. 1-2 *mp* *a2*

C. Bn. (Bsn. 3) *mp*

Hn. 1 2 3 4

C Tpt. 1 *mf* *p* Muted

2-3 *mf* *p* Muted *a2*

Tbn. 1-2 *mf* *p* Muted

B. Tbn. (Tbn. 3) *mf* *p* Muted

Tuba

Timp.

Perc. 1 (Mlts.)

Perc. 2

Perc. 3

Hp. (Opt. Pno.)

169

Piu Mosso (♩ = c. 72)

Vln. I *mp*

Vln. II *mp*

Vla. *mp*

Ve. *mp*

Cb. *mp*

175

Fl. 1-2 *f*

Picc. (Fl. 3) *f*

Ob. 1-2 *a2 p f*

B♭ Cl. 1-2 *a2 p f*

B. Cl. *f*

Bsn. 1-2 *f*

C. Bn. (Bsn. 3)

Hn. 1 2 3 4

C Tpt. 1 *Open p mf f*

2-3 *Open p mf f*

Tbn. 1-2 *Open p mp*

B. Tbn. (Tbn. 3) *Open p mp*

Tuba *mp*

Timp. *mp f*

Perc. 1 (Mlts.) *Bells f*

Perc. 2 *Sus. Cym. mp f*

Perc. 3

Hp. (Opt. Pno.) *f*

Vln. I *f divisi*

Vln. II *f divisi*

Vla. *f*

Ve. *f*

Cb. *f*

174 175 176 177

This musical score page, titled "Deus ex Machina - 25", is a page from a larger orchestral score. It contains staves for the following instruments:

- Fl. 1-2 (Flutes 1 and 2)
- Picc. (Fl. 3) (Piccolo)
- Ob. 1-2 (Oboes 1 and 2)
- B♭ Cl. 1-2 (B-flat Clarinets 1 and 2)
- B. Cl. (Bass Clarinet)
- Bsn. 1-2 (Bassoons 1 and 2)
- C. Bn. (Bsn. 3) (Contrabassoon)
- Hn. 1, 2, 3, 4 (Horns)
- C Tpt. 1, 2-3 (Trumpets)
- Tbn. 1-2 (Trombones 1 and 2)
- B. Tbn. (Tbn. 3) (Baritone Trombone)
- Tuba
- Timp. (Timpani)
- Perc. 1 (Mlts.) (Percussion 1)
- Perc. 2 (Percussion 2)
- Perc. 3 (Percussion 3)
- Hp. (Opt. Pno.) (Harp)
- Vln. I, II (Violins)
- Vla. (Viola)
- Ve. (Violoncello)
- Cb. (Contrabass)

The score is written in a key signature of two flats (B-flat major or D-flat minor) and a common time signature. It features various musical notations including dynamics (e.g., *mf*, *f*, *mp*, *p*), articulation (accents, slurs), and performance instructions like "Glissando". The page is divided into four measures, with the first measure starting on page 178 and the last measure ending on page 181.

Meno Mosso

Musical score for measures 182-185, woodwind and percussion section. The score includes parts for Flute 1-2, Piccolo (Flute 3), Oboe 1-2, Bass Clarinet 1-2, Bass Clarinet, Bassoon 1-2, Contrabassoon (Bassoon 3), Horns 1-4, Trumpets 1-3, Trombones 1-3, Tuba, Timpani, Percussion 1 (Mallets), Percussion 2, Percussion 3, and Harp (Optional Piano). The tempo is *Meno Mosso*. Dynamics include *p* and *mp*. The woodwinds play a rhythmic pattern of eighth notes, while the brass and percussion provide harmonic support. The harp part features a complex sixteenth-note figure.

Meno Mosso

Musical score for measures 182-185, string section. The score includes parts for Violin I, Violin II, Viola, Violoncello, and Contrabasso. The tempo is *Meno Mosso*. Dynamics include *p*. The strings play a sustained harmonic accompaniment. The Violin I and II parts feature *Glissando* markings. The Viola part also features a *Glissando* marking. The Violoncello and Contrabasso parts play a rhythmic pattern of eighth notes.

Rall. **Ritard** 193 **Faster** (♩ = c. 96)

The score is divided into two systems. The first system (measures 186-192) includes woodwinds and percussion. The second system (measures 193-194) includes strings and woodwinds. The tempo markings are **Rall.** (measures 186-188), **Ritard** (measures 189-192), and **Faster** (measures 193-194). Dynamic markings include *mp*, *p*, *mf*, and *f*. Performance instructions include *Glass*, *Muted*, *Opt. 8vb*, *Gong*, *Vibes*, *Wood Block*, and *Sul Ponticello*. Measure numbers 186, 187, 188, 189, 190, 191, 192, 193, and 194 are indicated at the bottom of the page.

Fl. 1-2: *a2*, *p*, *f*, *mf*

Picc. (Fl. 3):

Ob. 1-2: *mf*, *f*

B♭ Cl. 1-2: *p*, *f*

B. Cl.: *p*, *f*, *mf*

Bsn. 1-2: *p*, *f*, *mf*

C. Bn. (Bsn. 3): *mf*, *f*

Hn. 1, 2: *p*, *f*

Hn. 3, 4: *p*, *f*

C Tpt. 1: *p*, *f*

C Tpt. 2-3: *p*, *f*

Tbn. 1-2: *mp*, *f*

B. Tbn. (Tbn. 3): *mf*, *f*

Tuba: *p*, *f*

Timp.: *Glissando*, *p*, *sfz*

Perc. 1 (Mlts.):

Perc. 2: Bass Drum, *mf*

Perc. 3: *p*

Hp. (Opt. Pno.): *p*, *mf*, *p*, *f*, *Glissando*, *f*, *p*

Vln. I: *Sul Ponticello*, *mp > pmp > p*, *mf > p*, *mf > p*, *sfz*, *f*, *sfz*, *p*, *f*

Vln. II: *f*, *sfz*, *p*, *f*, *sfz*, *p*, *f*

Vla.: *sfz*, *f*, *sfz*, *mf*

Ve.: *pizz.*, *f*, *arco*, *Sul Ponticello*, *p*, *sfz*, *p*, *sfz*, *Normal*, *mf*, *f*, *Divisi*, *mf*

Cb.: *mf*

This musical score is for the piece "Deus ex Machina - 29". It is a full orchestral score with the following instruments and parts:

- Flutes:** Fl. 1-2 (part of a 3-part section), Piccolo (Fl. 3)
- Woodwinds:** Ob. 1-2, B♭ Clarinet 1-2, B♭ Clarinet, Bassoon 1-2, Contrabassoon (Bsn. 3)
- Brass:** Horns 1-4, Trumpets 1-3, Trombones 1-2, Bass Trombone (Tbn. 3), Tuba
- Percussion:** Timpani, Percussion 1 (Mallets), Percussion 2 (Bass Drum, Gong), Percussion 3 (Xylophone)
- Other:** Harp (Opt. Pno.)
- Strings:** Violins I & II, Viola, Violoncello, Contrabass

The score is written in a key signature of two flats (B♭ major or D minor) and a 3/4 time signature. It spans measures 200 to 204. The dynamics range from *p* (piano) to *sfz* (sforzando) and *f* (forte). The score includes various musical notations such as slurs, accents, and dynamic markings.

This musical score page, titled "Deus ex Machina - 30", is a page from a larger orchestral score. It features a variety of instruments and parts, including woodwinds, brass, percussion, and strings. The score is written in a key signature of two flats (B-flat major or D-flat minor) and a common time signature. The page is divided into measures 205 through 209. The woodwind section includes Flutes 1-2, Piccolo (Flute 3), Oboes 1-2, Bass Clarinet 1-2, Clarinet in B-flat, Bassoon 1-2, and Contrabassoon (Bassoon 3). The brass section includes Horns 1-4, Trumpets 1-3, Trombones 1-2, Bass Trombone (Trombone 3), and Tuba. The percussion section includes Timpani, three different Percussion 1 (Mallets) parts, Percussion 2, and Percussion 3. The string section includes Violins I and II, Viola, Violoncello, and Contrabass. The score includes dynamic markings such as *mf*, *f*, *mp*, *p*, and *f*. There are also performance instructions like "Picc.", "a2", "Open", "Normal", and "Sus. Cym.". The notation includes various rhythmic values, slurs, and accents.

accel. poco a poco

Fl. 1-2
Picc. (Fl. 3)
Ob. 1-2
B♭ Cl. 1-2
B. Cl.
Bsn. 1-2
C. Bn. (Bsn. 3)
Hn. 1, 2, 3, 4
C Tpt. 1, 2-3
Tbn. 1-2
B. Tbn. (Tbn. 3)
Tuba
Timp.
Perc. 1 (Mlts.)
Perc. 2 (Snare Drum)
Perc. 3
Hp. (Opt. Pno.)

Musical score for measures 210-217, woodwind and percussion section. The score includes parts for Flute 1-2, Piccolo (Flute 3), Oboe 1-2, B♭ Clarinet 1-2, Bass Clarinet, Bassoon 1-2, Contrabassoon (Bassoon 3), Horns 1, 2, 3, 4, Cornet 1, 2-3, Trumpet 1-2, Baritone Trumpet (Trumpet 3), Tuba, Timpani, Percussion 1 (Mlts.), Percussion 2 (Snare Drum), Percussion 3, and Harp (Optional Piano). The score features complex rhythmic patterns, including sixteenth-note runs and syncopated rhythms. Dynamics range from *mf* to *f*. The tempo markings *accel.*, *poco*, and *a poco* are indicated at the top right. A box containing the number 213 is placed above the Flute 1-2 staff at the beginning of measure 213.

accel. poco a poco

Vln. I, II
Vla.
Ve.
Cb.

Musical score for measures 210-217, string section. The score includes parts for Violin I, Violin II, Viola, Violoncello, and Contrabasso. The strings play a rhythmic accompaniment with various articulations and dynamics. Dynamics range from *mf* to *f*. The tempo markings *accel.*, *poco*, and *a poco* are indicated at the top right. A box containing the number 213 is placed above the Violin I staff at the beginning of measure 213.

Allegro (M.M. ♩ = c. 176)

221

Fl. 1-2 *mf* *ff* *f*

Picc. (Fl. 3) *mf* *ff* *f*

Ob. 1-2 *mf* *ff* *f*

B♭ Cl. 1-2 *mf* *ff* *f*

B. Cl. *f* *f*

Bsn. 1-2 *f* *f*

C. Bn. (Bsn. 3) *f* *f*

Hn. 1 2 *f* *f*

3 4 *f* *f*

C Tpt. 1 *f* *f*

2-3 *f* *f*

Tbn. 1-2 *f* *f* *a2* *f*

B. Tbn. (Tbn. 3) *f* *f* *f*

Tuba *f* *f*

Timp. *f*

Perc. 1 (Mlts.) *f* *mf* *f*

Perc. 2 *f* *f* *f*

Perc. 3 *f* *f* *f*

Hp. (Opt. Pno.)

Allegro (M.M. ♩ = c. 176)

221

Vln. I *f* *f*

Vln. II *f* *f*

Vla. *f* *f*

Ve. *f* *f*

Cb. *f* *f*

This musical score is for the piece "Deus ex Machina - 33". It is a full orchestral score with the following instruments and parts:

- Flutes:** Fl. 1-2 and Picc. (Fl. 3) playing a rapid sixteenth-note pattern in the treble clef, marked *mf*.
- Oboes:** Ob. 1-2 playing a similar rapid sixteenth-note pattern in the treble clef, marked *mf*.
- Clarinets:** B♭ Cl. 1-2 and B. Cl. playing a sixteenth-note pattern in the treble clef, marked *mf*.
- Bassoons:** Bsn. 1-2 and C. Bn. (Bsn. 3) playing a steady eighth-note pattern in the bass clef, marked *mf*.
- Horns:** Hn. 1-4 playing a melodic line in the treble clef, marked *f*. The first two horns have a *a2* marking.
- Trumpets:** C Tpt. 1-3 playing a melodic line in the treble clef, marked *f*.
- Trombones:** Tbn. 1-2 and B. Tbn. (Tbn. 3) playing a melodic line in the bass clef, marked *f*.
- Tuba:** Tuba playing a steady eighth-note pattern in the bass clef, marked *mf*.
- Timpani:** Timp. playing a steady eighth-note pattern in the bass clef, marked *mf*.
- Percussion:** Perc. 1 (Mlts.), Perc. 2, and Perc. 3. Perc. 1 and 2 play a rapid sixteenth-note pattern in the treble clef, marked *mf*. Perc. 3 plays a melodic line in the treble clef, marked *mf*.
- Harp:** Hp. (Opt. Pno.) with two staves, currently silent.
- Violins:** Vln. I and II playing a melodic line in the treble clef, marked *mf*. They have *Unis.* markings and a *5* (quint) marking in measures 228-229.
- Viola:** Vla. playing a melodic line in the bass clef, marked *mf*. It has a *Unis.* marking and a *5* (quint) marking in measures 228-229.
- Violoncello:** Vc. playing a melodic line in the bass clef, marked *mf*. It has a *Unis.* marking in measures 228-229.
- Double Bass:** Cb. playing a steady eighth-note pattern in the bass clef, marked *mf*.

The score is divided into measures 224 through 230. The key signature is one flat (B♭), and the time signature is 4/4. The overall dynamic range is from *mf* to *f*.

234

Fl. 1-2
Picc. (Fl. 3)
Ob. 1-2
B♭ Cl. 1-2
B. Cl.
Bsn. 1-2
C. Bn. (Bsn. 3)
Hn. 1, 2, 3, 4
C Tpt. 1, 2-3
Tbn. 1-2
B. Tbn. (Tbn. 3)
Tuba
Timp.
Perc. 1 (Mlts.)
Perc. 2
Perc. 3 (Sus. Cym.)
Hp. (Opt. Pno.)
Vln. I, II
Vla.
Vc.
Cb.

231 232 233 234 235 236

This musical score page, titled "Deus ex Machina - 35", is a page from a larger orchestral score. It features a variety of instruments and parts, including woodwinds, brass, percussion, and strings. The score is written in 3/4 time and includes dynamic markings such as *f*, *mf*, *mp*, and *Unis.*. The page is divided into measures 237 through 243. The instruments listed on the left include Fl. 1-2, Picc. (Fl. 3), Ob. 1-2, B♭ Cl. 1-2, B. Cl., Bsn. 1-2, C. Bn. (Bsn. 3), Hn. 1, 2, 3, 4, C Tpt. 1, 2-3, Tbn. 1-2, B. Tbn. (Tbn. 3), Tuba, Timp., Perc. 1 (Mlts.), Perc. 2, Perc. 3, Hp. (Opt. Pno.), Vln. I, Vln. II, Vla., Ve., and Cb. The score includes various musical notations such as notes, rests, slurs, and dynamic markings.

244

Fl. 1-2
Picc. (Fl. 3)
Ob. 1-2
B♭ Cl. 1-2
B. Cl.
Bsn. 1-2
C. Bn. (Bsn. 3)
Hn. 1, 2, 3, 4
C Tpt. 1, 2-3
Tbn. 1-2
B. Tbn. (Tbn. 3)
Tuba
Timp.
Perc. 1 (Mlts.)
Perc. 2
Perc. 3 (Bass Drum)
Hp. (Opt. Pno.)
Vln. I, II
Vla.
Vc.
Cb.

f, *fp*, *f*, *ff*, *sfz*, *a2*, *Hi-Hat*, *Bass Drum & Gong*

* If played on piano use both hands and play left hand in unison 1 octave lower

244 245 246 247 248 249 250 251