

# Detonation

Gary D. Ziek

1 Full Score	3 Bb Trumpet 1
1 Piccolo	3 Bb Trumpet 2
4 Flute 1	3 Bb Trumpet 3
4 Flute 2	4 F Horn
1 Oboe 1	3 Trombone 1
1 Oboe 2	3 Trombone 2
1 Bassoon 1	2 Baritone B.C.
1 Bassoon 2	2 Baritone T.C.
3 Bb Clarinet 1	5 Tuba
3 Bb Clarinet 2	1 Timpani
3 Bb Clarinet 3	1 Xylophone
2 Bass Clarinet	2 Percussion 1 - Snare Drum, Bass Drum, Suspended Cymbal, Low Floor Tom
2 Alto Saxophone 1	2 Percussion 2 - Triangle, Crash Cymbals, Tambourine, Tam-tam
2 Alto Saxophone 1	
2 Tenor Saxophone	1 Percussion 3 - 4 Woodblock, 2 Concert Toms
1 Baritone Saxophone	

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## Program Notes

*Detonation*, as the word implies, is an intense, nerve-racking composition. The volatile piece begins with a one-bar introduction that leads to a full-band statement of the unifying four-note motif which appears throughout the piece. This statement makes several expanded appearances leading to an ensemble impact point characterized by emphatic rhythms and sweeping melodic figures. A more lyrical secondary theme follows, providing a brief period of calm. Even though the melody is broader at this point, the music is underpinned by a series of pulsating ostinati which maintain an almost constant state of agitation throughout. This leads to a modulation and the explosive conclusion; the percussion section gets the last word with one final detonation.

## About the Composer

Dr. Gary D. Ziek, Professor of Music, is the Director of Bands and Professor of Trumpet at Emporia State University. Dr. Ziek was the recipient of the Roe R. Cross Distinguished Professor Award for 2008-2009.

He received his Doctor of Musical Arts Degree in Wind Conducting from Michigan State University. He received his Master of Arts in Trumpet Performance and his Bachelor of Science in Music Education from the Indiana University of Pennsylvania. Dr. Ziek served in the United States Army and was a member of the Continental Army Band at Fort Monroe, Virginia.

He has performed and conducted in over twenty five states, as well as in France, Germany, Switzerland, Italy, Austria, Canada and China.

His compositions and arrangements have been played throughout the United States. International performances of his works include recent concerts in China, Belgium, The Netherlands, Japan, Singapore and Taiwan (The National Symphony of Taiwan).

Dr. Ziek is a Bach Trumpet Artist, and performs on a Model 37 Stradivarius.

# Detonation

Gary D. Ziek  
ASCAP

**Presto; molto agitato** ♩ = 152

Piccolo

Flute 1  
2

Oboe 1  
2

Bassoon 1  
2

B♭ Clarinet 1

B♭ Clarinet 2  
3

Bass Clarinet

Alto Saxophone 1  
2

Tenor Saxophone

Baritone Saxophone

**Presto; molto agitato** ♩ = 152

B♭ Trumpet 1

B♭ Trumpet 2  
3

F Horn

Trombone 1  
2

Baritone

Tuba

Timpani  
G, B♭, C, D

Xylophone

Percussion 1  
(2 players)  
Snare Drum, Bass Drum,  
Suspended Cymbal,  
Low Floor Tom

Percussion 2  
(1 player)  
Triangle, Crash Cymbals,  
Tambourine, Tam-tam

Percussion 3  
(1 player)  
Wood Block,  
2 Concert Toms

2 **ff** 3 4 **mp** 5 6 7

Detonation - Score

9

The score is for a piece titled "Detonation". It features a large ensemble of instruments. The key signature is three flats (B-flat, E-flat, A-flat), and the time signature is 3/4. The score is divided into measures 8 through 14. A rehearsal mark "9" is placed above measure 9. The instruments and their parts are as follows:

- Picc.**: Piccolo, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9.
- Fl. 1, 2**: Flutes, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9.
- Ob. 1, 2**: Oboes, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9.
- Bsn. 1, 2**: Bassoons, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, they play a sustained note with a fortissimo (*ff*) dynamic, then move to mezzo-piano (*mp*) in measure 13.
- Cl. 1, 2, 3**: Clarinets, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, they play a sustained note with a fortissimo (*ff*) dynamic, then move to mezzo-piano (*mp*) in measure 13.
- B. Cl.**: Bass Clarinet, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, it plays a sustained note with a fortissimo (*ff*) dynamic, then moves to mezzo-piano (*mp*) in measure 13.
- A. Sx. 1, 2**: Alto Saxophones, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, they play a sustained note with a fortissimo (*ff*) dynamic, then move to mezzo-piano (*mp*) in measure 13.
- T. Sx.**: Tenor Saxophone, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, it plays a sustained note with a fortissimo (*ff*) dynamic, then moves to mezzo-piano (*mp*) in measure 13.
- B. Sx.**: Baritone Saxophone, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, it plays a sustained note with a fortissimo (*ff*) dynamic, then moves to mezzo-piano (*mp*) in measure 13.
- Tpt. 1, 2, 3**: Trumpets, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9.
- Hn.**: Horns, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, they play a sustained note with a fortissimo (*ff*) dynamic, then move to mezzo-piano (*mp*) in measure 13.
- Tbn. 1, 2**: Trombones, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, they play a sustained note with a fortissimo (*ff*) dynamic, then move to mezzo-piano (*mp*) in measure 13.
- Bar.**: Baritone, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, it plays a sustained note with a fortissimo (*ff*) dynamic, then moves to mezzo-piano (*mp*) in measure 13.
- Tba.**: Tuba, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, it plays a sustained note with a fortissimo (*ff*) dynamic, then moves to mezzo-piano (*mp*) in measure 13.
- Timp.**: Timpani, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, it plays a sustained note with a fortissimo (*ff*) dynamic, then moves to mezzo-piano (*mp*) in measure 13.
- Xyl.**: Xylophone, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, it plays a sustained note with a fortissimo (*ff*) dynamic, then moves to mezzo-piano (*mp*) in measure 13.
- Perc. 1, 2, 3**: Percussion, starting in measure 8 with a forte (*f*) dynamic, moving to fortissimo (*ff*) in measure 9. In measure 11, they play a sustained note with a fortissimo (*f*) dynamic, then move to mezzo-piano (*mp*) in measure 13.

8 9 10 11 12 13 14

2

Detonation - Score

17

The score is for a piece titled "Detonation". It features a variety of instruments including Piccolo, Flutes 1 and 2, Oboes 1 and 2, Bassoons 1 and 2, Clarinets 1, 2, and 3, Bass Clarinet, Saxophones (Alto, Tenor, Bass), Trumpets 1 and 2, Horns, Trombones 1 and 2, Baritone, Tuba, Timpani, Xylophone, and three Percussion parts. The music is in a key with two flats and a 3/4 time signature. The score is divided into measures 15 through 21. A box containing the number "17" is placed above the Piccolo and Flute 1 staves at the beginning of measure 17. Dynamic markings include *mf* (mezzo-forte) and *ff* (fortissimo). The Percussion 2 part includes a note "to Crash Cymbals" in measure 18. The score ends with a page number "3" centered below the measure numbers.

15 16 17 18 19 20 21

The score is for a full orchestra and percussion. It features the following instruments and parts:

- Picc.**: Piccolo flute, starting in measure 27.
- Fl. 1, 2**: Flutes, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- Ob. 1, 2**: Oboes, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*. Includes *a2* (second octave) markings.
- Bsn. 1, 2**: Bassoons, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*. Includes *a2* markings.
- Cl. 1, 2, 3**: Clarinets, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*. Includes *a2* markings.
- B. Cl.**: Bass Clarinet, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- A. Sx. 1, 2**: Alto Saxophones, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- T. Sx.**: Tenor Saxophone, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- B. Sx.**: Baritone Saxophone, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- Tpt. 1, 2, 3**: Trumpets, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*. Tpt. 2 has a *f* marking in measure 27.
- Hn.**: Horns, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- Tbn. 1, 2**: Trombones, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- Bar.**: Baritone, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- Tba.**: Tuba, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- Timp.**: Timpani, playing a melodic line with dynamic markings *sfz* and *f*.
- Xyl.**: Xylophone, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, and *f*.
- Perc. 1**: Percussion 1, playing a melodic line with dynamic markings *sfz*, *p*, *ff*, *mf*, and *f*. Includes *Crash Cymbals* in measure 27.
- Perc. 2**: Percussion 2, playing a melodic line with dynamic markings *sfz* and *f*. Includes *Crash Cymbals* in measure 27.
- Perc. 3**: Percussion 3, playing a melodic line with dynamic markings *sfz* and *f*. Includes *Concert Toms* in measure 27.

The score is divided into measures 22 through 28. Measure 27 is highlighted with a box containing the number 27. The dynamic markings *sfz*, *p*, *ff*, and *f* are used throughout the score to indicate the intensity of the music. The *mf* marking is used for Percussion 1 in measure 27. The *Crash Cymbals* and *Concert Toms* are used in measure 27.

Detonation - Score

The score is for a piece titled "Detonation" and spans measures 29 to 34. The instrumentation includes:

- Picc.
- Fl. 1, 2
- Ob. 1, 2
- Bsn. 1, 2
- Cl. 1, 2, 3
- B. Cl.
- A. Sx. 1, 2
- T. Sx.
- B. Sx.
- Tpt. 1, 2, 3 (with annotations: +Tpt. 3 a2, Tpt. 2 only, +Tpt. 3 a2)
- Hn.
- Tbn. 1, 2
- Bar.
- Tba.
- Timp.
- Xyl.
- Perc. 1, 2, 3

The score is written in a key signature of two flats (B-flat and E-flat) and a common time signature. The percussion parts (Perc. 1, 2, 3) feature complex rhythmic patterns, including syncopation and rests. The woodwind and brass parts have various articulations and dynamics, with some parts marked with accents (v) and breath marks (a2). The strings are not explicitly shown in this page.

29

30

31

32

33

34

Detonation - Score

35

The score is for a piece titled "Detonation". It features a large ensemble of instruments. The woodwinds include Piccolo, Flutes 1 and 2, Oboes 1 and 2, Bassoons 1 and 2, Clarinets 1, 2, and 3, Bass Clarinet, Alto Saxophones 1 and 2, Tenor Saxophone, and Baritone Saxophone. The brass section consists of Trumpets 1, 2, and 3, Horns, Trombones 1 and 2, Baritone, and Tuba. The percussion section includes Timpani, Xylophone, and three different Percussion parts (1, 2, and 3). The score is written in a key signature of two flats (B-flat major or D-flat minor) and a 4/4 time signature. The dynamics range from *mp* (mezzo-piano) to *ff* (fortissimo), with some passages marked *sfz* (sforzando). The score is divided into measures 35 through 41. A rehearsal mark "35" is placed at the beginning of measure 35. A "to Tambourine" instruction is written above Percussion 1 in measure 39. The page number "6" is centered at the bottom.

Detonation - Score

42

48

Picc.

Fl. 1  
2

Ob. 1  
2

Bsn. 1  
2

Cl. 1  
2  
3

B. Cl.

A. Sx. 1  
2

T. Sx.

B. Sx.

Tpt. 1  
2  
3

Hn.

Tbn. 1  
2

Bar.

Tba.

Timp.

Xyl.

Perc. 1

Perc. 2

Perc. 3

mp

mf

a2

Bsn. cue

Wood Block: Relentless!

Tambourine

42 43 44 45 46 47 48

*f*

Detonation - Score

Picc.

Fl. 1  
2

Ob. 1  
2

Bsn. 1  
2

Cl. 1  
2  
3

B. Cl.

A. Sx. 1  
2

T. Sx.

B. Sx.

Tpt. 1  
2  
3

Hn.

Tbn. 1  
2

Bar.

Tba.

Timp.

Xyl.

Perc. 1

Perc. 2

Perc. 3

a2

sim.

Solo

mf

49 50 51 52 53 54 55

Detonation - Score

56

Picc. *mp* *cresc.*

Fl. 1 2 *cresc.*

Ob. 1 2 *mp* *cresc.*

Bsn. 1 2 *cresc.*

Cl. 1 *cresc.*

Cl. 2 3 *cresc.*

B. Cl. *cresc.*

A. Sx. 1 2 *cresc.* a2 a2 sim.

T. Sx. *cresc.*

B. Sx. *cresc.*

56 *cresc.*

Tpt. 1

Tpt. 2 3

Hn.

Tbn. 1 2

Bar.

Tba. *cresc.*

Timp.

Xyl.

Perc. 1 *mp* *cresc.*

Perc. 2 *cresc.*

Perc. 3 *cresc.*

56 57 58 59 60 61 62

9

64

The musical score is arranged in a standard orchestral format. The woodwind section includes Piccolo, Flute 1 & 2, Oboe 1 & 2, Bassoon 1 & 2, Clarinet 1, Clarinet 2 & 3, Bass Clarinet, Alto Saxophone 1 & 2, Tenor Saxophone, and Bass Saxophone. The brass section includes Trumpet 1, Trumpet 2 & 3, Horn, Trombone 1 & 2, Baritone, and Tuba. The percussion section includes Timpani, Xylophone, and three different Percussion parts (Perc. 1, 2, 3). The score is marked with a forte (*ff*) dynamic throughout. A 'tutti' marking appears above the Trumpet 1 staff at measure 64. A 'Play' marking is present below the Tuba staff at measure 64. The score is divided into measures 63 through 69, with measure 64 being the primary focus of this page.



Detonation - Score

80

Picc.

Fl. 1  
2

Ob. 1  
2

Bsn. 1  
2

Cl. 1  
2  
3

B. Cl.

A. Sx. 1  
2

T. Sx.

B. Sx.

80

Tpt. 1  
2  
3

Hn.

Tbn. 1  
2

Bar.

Tba.

Timp.

Xyl.

Perc. 1

Perc. 2

Perc. 3

mf

a2 a2

sim.

div.

mf

mf

77

78

79

80

81

82

83

Detonation - Score

Heavy accents!

The score is for a piece titled "Detonation" and is marked with "Heavy accents!". It spans measures 84 to 89. The instrumentation includes Piccolo, Flute 1 & 2, Oboe 1 & 2, Bassoon 1 & 2, Clarinet 1, Clarinet 2 & 3, Bass Clarinet, Alto Saxophone 1 & 2, Tenor Saxophone, Bass Saxophone, Trumpet 1, Trumpet 2 & 3, Horn, Trombone 1 & 2, Baritone, Tuba, Timpani, Xylophone, and three Percussion parts. The score features complex rhythmic patterns, including sixteenth-note runs and syncopated rhythms. Dynamic markings such as *v* (forte) and *mf* (mezzo-forte) are used throughout. Performance instructions include "unison" for the Horns and "div." (divisi) for the Trombones and Tuba. Percussion parts include specific directions: "to Cr. Cyms." for Percussion 2 and "to Toms" for Percussion 3. The score concludes with a final measure in measure 89.

Detonation - Score

90

Picc. *f*

Fl. 1 *f* a2

Fl. 2 *f*

Ob. 1 *f* a2

Ob. 2 *f* a2

Bsn. 1 *f*

Bsn. 2 *f*

Cl. 1 *f*

Cl. 2 *f* a2

Cl. 3 *f*

B. Cl. *f*

A. Sx. 1 *f*

T. Sx. *f*

B. Sx. *f*

90

Tpt. 1 *f*

Tpt. 2 *f* Tpt. 2 only

Tpt. 3 *f* +Tpt. 3 a2

Hn. *f* a2

Tbn. 1 *f*

Tbn. 2 *f*

Bar. *f*

Tba. *f*

Timp. *f*

Xyl. *f*

Perc. 1 *f*

Perc. 2 *f*

Perc. 3 *f* Toms

90 91 92 93 94 95 96

98

97 98 99 100 101 102 103 104



112

Picc.

Fl. 1 div.

Fl. 1

f

Ob. 1

a2

mf

Bsn. 1

a2

Cl. 1

mf

Cl. 2

a2

mf

B. Cl.

A. Sx. 1

mf

T. Sx.

f

B. Sx.

112

Tpt. 1

mf

a2

Tpt. 2

mf

Hn.

Tbn. 1

a2

f

sim.

mf

Bar.

f

Tba.

f

Timp.

Xyl.

Perc. 1

mf

Perc. 2

mf

Perc. 3

f

112 113 114 115 116 117 118

17

Detonation - Score

120

The score is for a piece titled "Detonation". It features a variety of instruments. The woodwinds include Piccolo, Flutes (1 and 2), Oboes (1 and 2), Bassoons (1 and 2), Clarinets (1, 2, and 3), Bass Clarinet, and Saxophones (Alto, Tenor, and Baritone). The brass section consists of Trumpets (1, 2, and 3), Horns, Trombones (1 and 2), Baritone, and Tuba. The percussion section includes Timpani, Xylophone, and three different Percussion parts (1, 2, and 3). The score is written in a key signature of one flat (B-flat major or D minor) and a 4/4 time signature. The tempo is marked as *mf* (mezzo-forte). The score is divided into measures, with measure numbers 119, 120, 121, 122, 123, 124, and 125 indicated at the bottom. A box with the number "120" is placed above the Piccolo staff at the beginning of measure 120. Another box with the number "120" is placed above the Percussion 1 staff at the beginning of measure 120. The Piccolo part has a melodic line with slurs and ties. The Flutes play a rhythmic pattern of eighth notes. The Oboes, Bassoons, Clarinets, and Saxophones have various melodic and harmonic parts. The Brass section provides harmonic support with sustained notes and rhythmic patterns. The Percussion section includes a complex rhythmic pattern in Percussion 1 and simpler patterns in Percussion 2 and 3.

Detonation - Score

128

Picc.

Fl. 1  
Fl. 2

Ob. 1  
Ob. 2

Bsn. 1  
Bsn. 2

Cl. 1  
Cl. 2  
Cl. 3

B. Cl.

A. Sx. 1  
A. Sx. 2

T. Sx.

B. Sx.

Tpt. 1

Tpt. 2  
Tpt. 3

Hn.

Tbn. 1  
Tbn. 2

Bar.

Tba.

Timp.

Xyl.

Perc. 1  
(if only one player, switch here to Cr. Cyms.)

Perc. 2  
Cr. Cyms.

Perc. 3  
Toms

126 127 128 129 130 131 132

Detonation - Score

136

The score is arranged in a standard orchestral format. The woodwinds (Piccolo, Flutes 1 & 2, Oboes 1 & 2, Bassoon 1 & 2, Clarinets 1, 2 & 3, Bass Clarinet, Saxophones A, T, and B) and strings (Trumpets 1 & 2, Trombones 1 & 2, Baritone, Tuba, Timpani, Xylophone, and Percussion 1, 2, & 3) are all present. The score features a variety of musical notations including slurs, accents, and dynamic markings. The dynamics for most instruments are marked as *mp*, *mf*, and *f*. The percussion parts include complex rhythmic patterns with accents and slurs. The score is divided into measures 133 through 138, with measure 136 being the central focus of this page.

136

Detonation - Score

The score is for a piece titled "Detonation" and covers measures 139 to 145. The instrumentation includes Piccolo, Flutes (1 and 2), Oboes (1 and 2), Bassoons (1 and 2), Clarinets (1, 2, and 3), Bass Clarinet, Saxophones (Alto, Tenor, and Baritone), Trumpets (1 and 2), Horns, Trombones (1 and 2), Baritone, Tuba, Timpani, Xylophone, and three Percussion parts. The score is written in 3/4 time and features a variety of dynamics including *p*, *mf*, *f*, *ff*, *sfz*, and *fff*. There are also performance instructions such as "to Tam-tam" and "let ring".