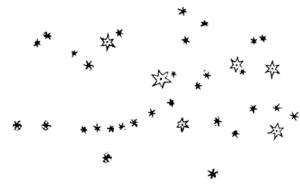


alex ring gray

# GEMINIDS

*Trombone Choir + Electronics*

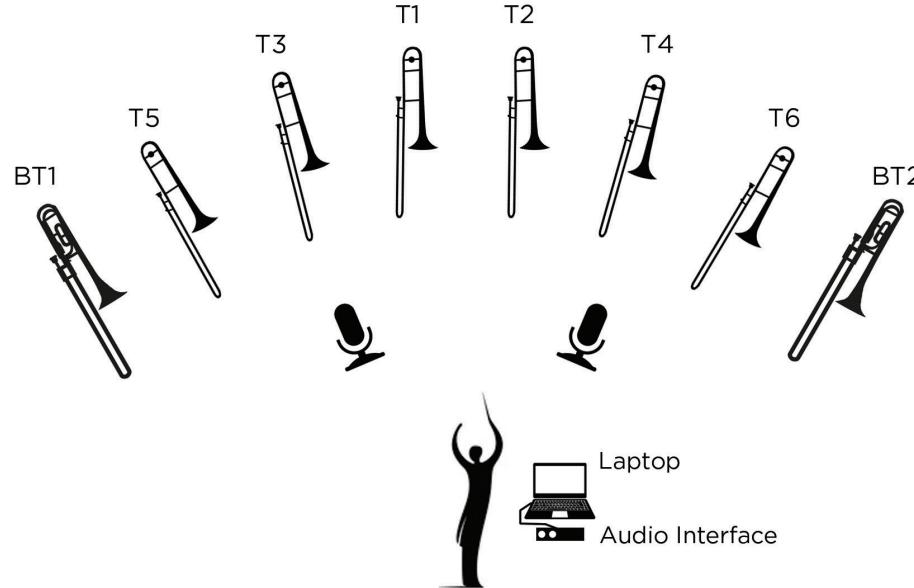
Full Score



SIDEREAL MESSENGER MUSIC

# GEMINIDS

for Trombone Choir + Electronics



## PROGRAM NOTES

The Geminids is one of the most prominent meteor showers each year. At its peak in mid-December, up to 160 meteors can be seen per hour. I have many memories with this particular shower, staying up late into the night to watch it with friends several times over the years. In this work, we see a single unified figure become broken up and disfigured, just like the 3200 Phaethon asteroid breaking into meteors and burning up in our atmosphere.

*Geminids* was commissioned by Franklin High School for the 2019 Music For All Chamber Music National Festival

## PERFORMANCE NOTES

- The work is approximately 3'30"
- The ensemble should be spread widely across the stage
- Glissandi should take the entire duration of the starting pitch and stabilize at the final pitch
- Performers should stagger breath as needed
- Performers should shift slide positions as needed in order to perform extended slides (ie. section H)
- Section H is divided into numbered sub-sections for the conductor to cue to help performers keep their place
- In figures as below, continue to slide while tonguing the rhythm given on beat 1:



## ELECTRONICS

- The ensemble should use a microphone setup that equally balances all players
- Mics run into an audio interface (connected to laptop), which outputs to on-stage speakers or venue sound system
- The electronics volume should be evenly balanced with the live ensemble
- Electronic cues are numbered in boxes in the score
- Conductor activates electronic cues in Max Patch on laptop

# GEMINIDS

for the Franklin High School Trombone Ensemble

ALEX RING GRAY

*J = 100 bell tones*

Trombone 1

Trombone 2

Trombone 3

Trombone 4

Trombone 5

Trombone 6

Bass Trombone 1

Bass Trombone 2

**A**

T1

T2

T3

T4

T5

T6

BT1

BT2

## GEMINIDS

2

13

T1 *mf*

T2 *mf*

T3 *mf*

T4 -

T5 -

T6 -

BT1 -

BT2 -

**B**

19

T1 *ff*

T2 *ff*

T3 *ff*

T4 -

T5 -

T6 -

BT1 -

BT2 -

## GEMINIDS

3

**C**

24

T1  
T2  
T3  
T4  
T5  
T6  
BT1  
BT2

**D**

29

T1  
T2  
T3  
T4  
T5  
T6  
BT1  
BT2

## GEMINIDS

4

**E**

35

T1  
T2  
T3  
T4  
T5  
T6  
BT1  
BT2

*mp*      *3*      *3*  
*3*      *mp*      *3*      *3*  
*3*      *mp*      *3*      *3*  
*3*      *3*      *3*      *mp*  
*3*      *3*      *3*      *3*  
*3*      *3*      *3*      *3*  
*p*      *3*      *3*      *3*      *3*      *3*      *3*      *3*      *3*

39

<img alt="Continuation of the musical score from page 4, section E, measure 39. The score consists of eight staves (T1-T6, BT1, BT2) on bass staves. Measure 39: T1, T2 (3), T3, T4, T5, T6, BT1, BT2. Measure 40: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 41: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 42: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 43: T1, T2, T3, T4, T5, T6, BT1, BT2 (3). Measure 44: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 45: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 46: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 47: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 48: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 49: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 50: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 51: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 52: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 53: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 54: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 55: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 56: T1, T2, T3, T4, T5, T6, BT1, BT2. 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Measure 99: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 100: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 101: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 102: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 103: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 104: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 105: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 106: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 107: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 108: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 109: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 110: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 111: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 112: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 113: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 114: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 115: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 116: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 117: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 118: T1, T2, T3, T4, T5, T6, BT1, BT2. Measure 119: T1, T2, T3, T4, T5, T6, BT1, BT2. 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## GEMINIDS

5

**F**

43

T1  
T2  
T3  
T4  
T5  
T6  
BT1  
BT2

48

splatty

T1  
T2  
T3  
T4  
T5  
T6  
BT1  
BT2

## GEMINIDS

6

**G** [1. Pitch shift up, reverb grows]

53

T1: *mp*

T2: -

T3: -

T4: *p*

T5: *p*

T6: *pp*

BT1: *mp*

BT2: *mf*

mp

58

T1:

T2: *z*

T3:

T4: *z.*

T5:

T6:

BT1:

BT2:

mp

**H** 2. Pitch shift down, sound distorts  
ONLY ACTIVATE ONCE PITCH HAS REACHED +1200 Cents

**H.1**

**H.2**

63

T1 T2 T3 T4 T5 T6 BT1 BT2

*p* *p* *p* *p* *p* *p* *p*

**H.3**

**H.4**

**H.5**

*Pitch shift complete*

75

T1 T2 T3 T4 T5 T6 BT1 BT2