

Coby L. Kassner  
Senior Composition

# Tidal Disruption Event

*for piano four-hands*

A *tidal disruption event* is an astronomical event where a star passes by a supermassive black hole. The star is drawn in and loops around the black hole. Because of the immense gravity of the black hole, the star is ripped apart and stretches into a disk of material surrounding the black hole, which is gradually consumed over months or years.

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Notes with a plus (+) sign should be muted with the fingertips on the string near the hammer and then played normally to produce a percussive sound with minimal audible harmonics.



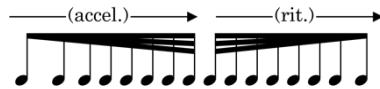
Notes with a plus (+) sign and a circle (o) should be muted with the fingertips on the string about an inch before the node corresponding to the second partial to produce a resonant, bell/gong-like sound.



X noteheads should be played by directly striking the string with the fingers.

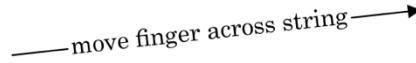


Feathered beams should start slowly or quickly and accelerate or decelerate, depending on the direction of the feathering.



Notes marked *pizz.* should be played by plucking directly on the strings with the fingertips.

Repeated notes under a slanted arrow should start with the string muted near the hammer using the fingertips, and the finger should gradually move across the string away from the hammer to slide between harmonics.



Flared hairpins should be played with a burst of volume at the end



Stemless notes should be played with rhythm according to the performer's discretion.

Thick black line glissandos should be played according to the general gesture of the line, not paying attention to specific pitches.



# Tidal Disruption Event

C. L. Kassner

**Slowly** ( $\text{♩} = \text{c. } 60$ )

Primo { Start off-stage | Walk on stage |

Secondo { **f** + + | **p** ord. | (ad lib.)  
*15ma bassa* —————— (accel.) —————— (rit.) —————— | (R&d.) |

Primo { 8 pizz. 8va —————— | 15ma —————— | pizz. |

Secondo { move finger across string →  
*n* —————— *n* —————— | (R&d.) |

Primo { 13 8va —————— | pizz. | (gliss. across strings with fingertips) | pizz. |

Secondo { **p** 8 | | | | (R&d.) |

## Tidal Disruption Event

(8)

18

Primo

pizz.

black key gliss.

Secondo

*(R&d.)*

With movement ( $\text{d} = \text{c. } 80$ )

22

Primo

*mf*

*ff*

*(R&d.)*

ord.

stop trem. when  
gliss. reaches  
your hands

sim.

Primo

*p*

start gliss. after ~4"

crash into  
Primo's hands

rapid black  
key gliss.

sim.

Secondo

*(R&d.)*

*15ma bassa*

*R&d.*

*15ma bassa*

## Tidal Disruption Event

28

Primo

*p* — *f*

*8va* black key gliss.

Secondo

*black key gliss.*

*mf*

*ff*

*mp*

*15ma*

*Réo.*

35

Primo

*p*

*mf*

*8va*

Secondo

*black key gliss.*

*f*

*p*

*15*

*(Réo.)*

43

Primo

*p* — *f*

Secondo

*pp*

*f*

*8ba*

*(Réo.)*

## Tidal Disruption Event

46 (15)

Primo

Secondo

ff

15

ff

49 ~10"

Primo

Secondo

mp < mf p -> f

p

8va

8

p

mf

8

54 (15)

Primo

Secondo

(8)

Attaca

f

Attaca

**Spinning** ( $\text{d} = \text{c. } 72$ )

Primo

Secondo

6

Primo

Secondo

mf-p      fp

11

Primo

Secondo

poco      ff

poco      ff



33

Primo

Secondo

38

Primo

Secondo

43

Primo

Secondo

## Tidal Disruption Event

48

Primo

Secondo

53

Primo

Secondo

58

Primo

Secondo

63

Primo

Secondo

*mp*      *sfp*      *f*      *ff*

This section shows two staves. The top staff (Primo) has two treble clef staves. The bottom staff (Secondo) has two bass clef staves. Measure 63 consists of four measures. The first two measures have a common time signature. The second two measures switch to a 12/8 time signature. Dynamics are indicated below the staff: *mp*, *sfp*, *f*, and *ff*.

68

Primo

Secondo

*b* *b* *b* *b*:      *4*      *2*      *~5"*      *1*      *2*

This section shows two staves. The top staff (Primo) has two treble clef staves. The bottom staff (Secondo) has two bass clef staves. Measure 68 consists of four measures. The first two measures have a common time signature. The second two measures switch to a 12/8 time signature. Measures 69 and 70 are indicated by a dashed line above the staff. Dynamics are indicated below the staff: *b* *b* *b* *b*: and *f*. Measure 71 starts with a common time signature.

71

Primo

Secondo

*8va*      *3*      *mf*      *8va*      *1*      *b* *b* *b* *b*:      *2*

This section shows two staves. The top staff (Primo) has two treble clef staves. The bottom staff (Secondo) has two bass clef staves. Measure 71 consists of four measures. The first two measures have a common time signature. The second two measures switch to a 12/8 time signature. Measures 72 and 73 are indicated by a dashed line above the staff. Dynamics are indicated below the staff: *8va*, *3*, *mf*, *8va*, *1*, *b* *b* *b* *b*: and *2*. Measures 74 and 75 are indicated by a dashed line above the staff.

## Tidal Disruption Event

74

Primo

Secondo

77

Primo

Secondo

(8)

(R&D.)

80 *ad lib.*

*15ma* - - - - -

*Primo*

*8va* - - - - -

*15ma* - - - - -

*ff*

*Secondo*

*3*

## Tidal Disruption Event

84

Primo

Secondo

87

Primo

Secondo

(Rd.)

91 (8)

Primo

Secondo

95 15<sup>ma</sup>

Primo

Secondo

100 (15)

Primo

Secondo

## Tidal Disruption Event

104 (15)

Primo

*fff*

9 5 5

Secondo

*fff*  $\flat\flat\text{8}$   $\sharp\flat\text{8}$

*molto rit.*

Primo

*molto*  $8^{\text{va}}$   $15^{\text{ma}}$

Secondo

*Slower* ( $\text{♩} = \text{c. } 80$ )  $15^{\text{ma}}$

*p*

5

*p*

( $\text{R}\ddot{\text{o}}\text{d.}$ )

115 *rit.*

Primo {  
  
*di - - - mi - - - nuen - - - do - - - poco - - - a - - -*  
*(Rœ.)* \_\_\_\_\_

Secondo {  
  
*(Rœ.)* \_\_\_\_\_

121 *Slowly (♩ = c. 60)* *8va* *poco* *ppp* *Rœ.* *8va*

Primo {  
  
*poco* *Rœ.*  
*(Rœ.)* \_\_\_\_\_

Secondo {  
  
*(Rœ.)* \_\_\_\_\_

127 *8va* *15ma* *Cadenza ad lib.* *8va*

Primo {  
  
*(Rœ.)* ^  
*(Rœ.)* \_\_\_\_\_

Secondo {  
  
*(Rœ.)* \_\_\_\_\_

## Tidal Disruption Event

130

Primo

(Rwd.)

*15ma bassa\_*

Secondo

—move finger across string→

n n

134

Primo

(Rwd.)

Secondo

gliss. across strings with fingertips

Walk off-stage

138

Primo

*15ma bassa\_*

*15ma bassa\_* - - - - -

Secondo