

Far Infrared


for Violin, Cello, Piano
and two Ebows

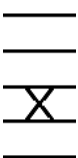
By Sophie L. Stone


Composer's notes:

- This piece explores the different timbres of the string instruments through slow and subtle changes in bowing techniques.
- Ebows are used on a grand piano to create a constant sound and these are controlled by the pianist. Due to the structure of different pianos, some pitches are not possible, therefore pitches can be chosen from the following: movement one (F, Eb and Bb) and movement two (D, Eb, G# and A#). These pitches may also be achieved through harmonics.
- Performers must play from the score and one performer must keep time.
- The timings are an indication and do not have to be exact, but the piece should be approximately 8 minutes in length.
- In the first movement, the cello player must not start until the pitch is sounded by the Ebow. In the second movement, the violin player must do the same.
- For the piano, the pedal must be held throughout each movement, therefore when the player presses the keys, they can be released.
- When bowing 2mm away from the string, the desired effect is minimal sound with possible accidental tapping of the string with the bow.


Notation:

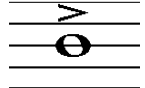
 Glissando or shift between techniques

 Bow behind the bridge

 Circular bowing (any direction)

 Play pitches in any order
(pitches may be repeated)

 Short note

 Long note

Far Infrared

Sophie L. Stone

I.

Violoncello

Violin

0'00" 0'15" 0'28"

p *mp* *ord.*

Detailed description: This block contains the musical notation for the Violoncello and Violin parts. The Violoncello part is in bass clef and features a long, continuous line with a slur. It starts with a down-bow mark (v) at 0'00". At 0'15", there is a circled sharp sign (#) above the staff. The dynamics are marked as *p* (piano) at 0'15" and *mp* (mezzo-piano) at 0'28". The Violin part is in treble clef and shows a single note at 0'28" with a down-bow mark (v) above it. The dynamic is marked as *p* (piano). The instruction "ord." (ordine) is written below the Violoncello staff at 0'28".

Ebows

0'00" 0'15" 0'28"

Ped.

Detailed description: This block contains the musical notation for the Ebows part. It is in bass clef and shows a long, continuous line with a slur. There are diamond-shaped marks on the staff at 0'00", 0'15", and 0'28". The instruction "Ped." (pedal) is written below the staff at the beginning.

2

Violin (Vln.) part: 0'37" (5), 0'54", 1'17", 1'34". Dynamics: *mp*, *p*, *pp*. Performance instructions: ord., sul tasto, ord.

Viola (Vc.) part: 0'37" (ord.), 0'54", 1'17", 1'34". Dynamics: *p*, *mp*, *p*, *mp*, *pp*, *p*. Performance instructions: sul tasto, sul pont., ord.

Piano part: 1'17" (l. v., sempre), 1'34". Dynamics: *pp*.

Double Bass (Ebs.) part: 0'37", 0'54", 1'17", 1'34".

The score is for a second movement, marked with a '2'. It features four staves: Violin (Vln.), Viola (Vc.), Piano, and Double Bass (Ebs.). The Violin part begins with a five-fingered note (marked '5') at 0'37", followed by a dynamic of *mp*. At 0'54", there is a circled note. The dynamics then shift to *p* and *pp* at 1'17" and 1'34" respectively. Performance instructions include 'ord.', 'sul tasto', and 'ord.'. The Viola part starts at 0'37" with '(ord.)', moves to 'sul tasto' at 0'54", 'sul pont.' at 1'17", and 'ord.' at 1'34". Dynamics range from *p* to *pp*. The Piano part enters at 1'17" with '(l. v., sempre)' and *pp*. The Double Bass part has diamond-shaped markers at 0'37", 0'54", 1'17", and 1'34".

9 1'43" 1'56" 2'09" 2'16"

Vln. *p* *mp* *p* *ppp*

Vc. ord. *mp* sul pont. *mp*

Pno. *p* *p*

Ebs. 1'43" 1'56" 2'09" 2'16"

Detailed description of the musical score: The score consists of four staves. The Violin (Vln.) staff is in treble clef with a key signature of one flat and a time signature of 8/8. It starts with a circled '9' and a fermata over a quarter note. The dynamics are *p*, *mp*, *p*, and *ppp*. The Viola (Vc.) staff is in bass clef. It has a circled '9' and a fermata over a quarter note in the first measure, and a circled '3' and a fermata over a quarter note in the fourth measure. The dynamics are *mp* and *mp*. The Piano (Pno.) staff has two systems. The upper system is in treble clef with a key signature of one flat, and the lower system is in bass clef. Both systems have a dynamic of *p*. The Double Bass (Ebs.) staff has two systems. The upper system is in treble clef with a key signature of one flat, and the lower system is in bass clef. The dynamics are *p*, *p*, *p*, and *p*. The score includes various musical notations such as fermatas, slurs, and dynamic markings.

4

13

Vln. *mf* *ppp* *ppp* (2mm from string) ord.

Vc. (sul pont.) *mf* ord. *ppp* (as quiet as possible) ord.

Pno. *mp* *pp* *pp*

Ebs.

2'30" 2'57" 3'05"

2'30" 2'57" 3'05"

2'30" 2'57" 3'05"

2'30" 2'57" 3'05"

Vln. ¹⁶ 3'17" (ord.) → sul tasto 3'34" ord. V 3'44" 3'51" 4'03"

p *p* *pp*

Detailed description: The violin part begins at 3'17" with a half note G2 (marked *p*) and a half note G3 (marked *p*). An instruction "(ord.)" with an arrow points to the G3 note, and "sul tasto" with an arrow points to the G2 note. A slur connects the two notes. At 3'34", there is a half note G2 (marked *p*) and a half note G3 (marked *pp*). A slur connects these two notes. At 3'44", there is a half note G2 (marked *pp*) and a half note G3 (marked *pp*). A slur connects these two notes. At 3'51", there is a half note G2 (marked *pp*) and a half note G3 (marked *pp*). A slur connects these two notes. The part ends at 4'03".

Vc. 3'17" 3'34" 3'44" 3'51" 4'03"

ord. ord.

mp *p* *mp* *pp* *p*

Detailed description: The cello part begins at 3'17" with a half note G2 (marked *mp*) and a half note G3 (marked *mp*). An instruction "ord." with an arrow points to the G3 note. A slur connects the two notes. At 3'34", there is a half note G2 (marked *p*) and a half note G3 (marked *mp*). A slur connects these two notes. At 3'44", there is a half note G2 (marked *pp*) and a half note G3 (marked *pp*). A slur connects these two notes. At 3'51", there is a half note G2 (marked *p*) and a half note G3 (marked *p*). A slur connects these two notes. The part ends at 4'03".

Pno. 3'17" 3'34" 3'44" 3'51"

p *pp*

Detailed description: The piano part begins at 3'17" with a half note G2 (marked *p*) and a half note G3 (marked *p*). An instruction "ord." with an arrow points to the G3 note. A slur connects the two notes. At 3'34", there is a half note G2 (marked *pp*) and a half note G3 (marked *pp*). A slur connects these two notes. At 3'44", there is a half note G2 (marked *pp*) and a half note G3 (marked *pp*). A slur connects these two notes. At 3'51", there is a half note G2 (marked *pp*) and a half note G3 (marked *pp*). A slur connects these two notes. The part ends at 3'51".

Ebs. 3'17" 3'34" 3'44" 3'51" 4'03"

Detailed description: The euphonium part begins at 3'17" with a half note G2 (marked *p*) and a half note G3 (marked *p*). A slur connects the two notes. At 3'34", there is a half note G2 (marked *p*) and a half note G3 (marked *p*). A slur connects these two notes. At 3'44", there is a half note G2 (marked *p*) and a half note G3 (marked *p*). A slur connects these two notes. At 3'51", there is a half note G2 (marked *p*) and a half note G3 (marked *p*). A slur connects these two notes. The part ends at 4'03".

II.

Violin

0'00" 0'12" 0'27" 0'44"

ord. → sul pont.

p *mp* *p*

Detailed description: The violin staff shows a melodic line starting at 0'00" with a bowing mark (V) above the first note. The notes are connected by a slur. Dynamics are marked as *p* at 0'12", *mp* at 0'27", and *p* at 0'44". A circular bowing mark is present above the note at 0'27". An arrow labeled "ord." points from the note at 0'44" to the note at 0'44", and another arrow labeled "sul pont." points from the note at 0'44" to the note at 0'44".

Violoncello

0'12" 0'27" 0'44"

mp *pp* *mp*

Detailed description: The violoncello staff shows a melodic line starting at 0'12" with a bowing mark (V) above the first note. The notes are connected by a slur. Dynamics are marked as *mp* at 0'27", *pp* at 0'44", and *mp* at 0'44". A circular bowing mark is present above the note at 0'44".

Ebows

0'00" 0'12" 0'27" 0'44"

Detailed description: The Ebows staff shows a series of bowing marks (V) at 0'00", 0'12", 0'27", and 0'44". A slur connects the first four marks. At 0'44", there is a change in staff and a new note with a slur above it.

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Violin (Vln.) part: Starts at 2'03" with a note marked '10'. Ends at 2'17". Re-enters at 2'27" with a *mp* dynamic and *sul pont.* instruction. Ends at 2'42".

Viola (Vc.) part: Starts at 2'03" with a *mp* dynamic and *(sul pont.)* instruction. Changes to *ord.* at 2'17". Re-enters at 2'27" with a *mf* dynamic and *ord.* instruction. Ends at 2'42".

Piano (Pno.) part: Starts at 2'03" with a *pp* dynamic. Ends at 2'17". Re-enters at 2'27" with a *mp* dynamic. Ends at 2'42" with a *p* dynamic.

Double Bass (Ebs.) part: Starts at 2'03" with a *pp* dynamic. Ends at 2'17". Re-enters at 2'27". Ends at 2'42" with a *p* dynamic.

14 2'49" 3'08" 3'16" 3'26"

(sul pont.) → ord.

Vln. *p* *mp* *p*

Vc. 2'49" 3'08" 3'16" 3'26"

Pno. 2'49" 3'08" 3'16" 3'26"

p *pp* *pp*

Ebs. 2'49" 3'08" 3'16" 3'26"