

# Group Velocity

Chris Gendall  
(2019)

## Instrumentation:

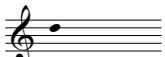
21-reed sheng

Percussion (1 player):

Large Temple Block

Suspended Cymbal

Cowbell

1 Tubular Bell 

Guitar

21-string guzheng

Violin

Viola

## Performance Notes:

### General:



Glissandi begin immediately.


Microtone notation:

Quarter-tones: ♯ d ♭ #

Inflectional microtones: # ♯ ♭ ♯ # ♭


### Sheng Notation

 measured tremolo ()

 glissando

..... switch between tremolo and normal playing

### Tubular Bell Notation

 rub outside of tube with 2 triangle beaters,  
isolating harmonics of bell

Percussion instruments should be arranged as close together as possible. The tubular bell may be removed from the rack, and suspended individually.

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Tempo: ♩ = 120 (♩ = 60)

Sheng

Percussion: Temple Block, medium rubber mallets  
ppp < p > ppp, pp, ppp, ppp, mp, ppp

Sounding

Guitar Executed: mp, mf, p, mp, f, p

Guzheng: p, mp, pp, p, mf

Violin: f, mp, pp, mp, mf, p, arco, ppp

Viola: f, mp, pp, mp, mf, p, f, p, pp

Sh. 5 G.P. A ppp

Perc. p ppp

Gtr. mp < f sec. f mp f

Gz. mp mf mp

Vln. G.P. A pizz. pp ppp p mp f mp

Vla. mp < f mp f p

10

Sh. *poco p*

Perc. *p ppp p*

Gtr. *mp mf mp mf p f*  
*4 3 4 pont. 5 3 ord. 1 2 3 4 2 6 5 4*

Gz. *mf mp bend p mf*  
*3 3 7*

Vln. *f p pp n p < f > pp*  
*3 arco III II I 0 0*

Vla. *f p mf p pp n pp*  
*3 3 4 arco I III*



13

Sh. *n mf*

Perc. *n mp n*

Gtr. *p p*  
*3 3 3 5 1 2 3 4 5*  
*tasto*

Gz. *p norm. 5 bend string p bend string*  
*pluck 3 f 3*

Vln. *ppp p mf f n < p*  
*pizz. 3 arco sul pont.*

Vla. *ppp mp sub. n mf p*

16 G.P.

Sh.

Perc.

Gtr.

Gz.

Vln.

Vla.

G.P.

19 **B**

Sh.

Perc.

Gtr.

Gz.

Vln.

Vla.

22

Sh. *mf* *f*

Perc. *n* *p* *ppp* *poss.* *mp* *f*  
 Cowbell (medium rubber) Suspended Cymbal reverse mallet scrape

Gtr. *mf* *p* *f sec.* *pizz.* *ord.* *slide* *ff* *sec.*

Gz. *p* *mf* *p* *mf* *ff*  
*slow bend vib.*

Vln. *f* *p* *arco sul pont.* *pp < mf* *pizz.* *mf* *arco* *IV III II I* *ppp < ff*

Vla. *f* *p* *arco sul pont. flautando* *mfp* *n* *ord.* *I II III II III IV* *ppp < ffp*

25

Sh. *pp* *f*  
 C (etc.)

Perc.

Gtr. *mp* *p* *slide* *ff*

Gz. *mp* *p* *ff* *gliss. 5* *pp*

Vln. *p > ppp* *n* *ppp* *pp* *ppp* *ord.* *3* *IV III* *ffp* *ppp*

Vla. *ppp* *p* *ppp* *ord.* *II 5 III* *ff* *ppp* *ppp* *sul pont.*

28

Sh. *ppp*

Perc. *pp*  
 [Tubular Bell]  
 2 triangle beaters \*

Gtr. *p* *mf sec.* pizz.

Gz. *p* *pp* *mp*

Vln. *p* *ppp* *mf* *p* *ppp*

Vla. *mp* *ppp* *n* *mp* *pp* *n* *mp* *ppp*  
 sul pont. flautando ord. IV



33 (etc.)

Sh. *pp* *mf* *ppp* *mp*

Perc. *n*

Gtr. *f* *mp < f* slide

Gz. *mf* *pp* *p* *pp*

Vln. *p* *f* *ppp* *n* *mp* *pp* *mp* *ppp*

Vla. *f* *ppp* *n* *mp* *mf* *ppp*  
 arco II III I IV 3 III 3 II pizz.

\* Rub sides of tube with beaters in contrary motion, bringing out harmonics

37 **D**

Sh. *G.P.* *ppp* *mf* *pp* *n*

Perc. *pp* *mf*

Gtr. *mp* *sec.* *p* *pp* *mf* *ppp* *mf* *ppp* *mf*

Gz. *mp* *mf sec.* *ppp* *mf* *ppp n*

**D**

Vln. *n < mf* *n < p* *n* *pizz.* *p* *mp* *ppp* *G.P.* *arco* *mf* *f* *pp* *mf* *pp* *n*

Vla. *arco* *p* *n* *pizz.* *p* *mp* *ppp* *arco* *pp* *mf* *pp*

41 *(etc.)* *(non-trem.)*

Sh. *ppp* *mp* *pp* *ppp*

Perc.

Gtr. *> ppp* *n* *mf* *pont.* *ord.* *p* *mf* *pont.* *ord.*

Gz. *mf* *p* *gliss.* *mf* *p* *f*

Vln. *ppp < mp* *n* *mf* *pizz.* *p* *mf* *arco sul pont.* *pp* *ord.* *molto sul pont.* *mf* *p* *f*

Vla. *mp* *ppp* *mf > pp* *ord. pont.* *pp* *pizz.* *mp*

44 **E**

Sh. *f*

Perc. Low Temple Block  
hard rubber mallets  
*f*

Gtr. *ff* sec. *mp* pizz. norm. *p* sec. *mp* *ppp* *ppp* sempre *tasto*

Gz. *p* sec. *ppp* bend *n*

Vln. **E** *ppp* sul tasto flautando *p* sul pont. flautando

Vla. *ff* *n* *p* *pp* *ppp* arco



48

Sh. *n* *p* *n*

Perc. Suspended Cymbal  
wire brush swirl  
*p* 3

Gtr. *n* ord. *mp* *ppp* *tasto* *n*

Gz. *pp* *p* *ppp* *n*

Vln. ord. III IV III *ppp* *mp* *ppp* *pizz.* *p* *mf* *pp*

Vla. ord. II III II *ppp* *p* *ppp* *pizz.* *p* *mf* *pp*