

Barzakh v2.0

for uzbek alto nay, tanbur, chang and string quartet

Onur Dülger
2019

Performing notes

General

2 Bow location on the string

ast - alto sul tasto

st - sul tasto

ord - ordinario

sp - sul ponticello

msp - molto sul ponticello

ob - on the bridge

bb - behind the bridge

bp - back plate

tp - on the tail piece

ub - with the tip of the bow on the upper bout on the right side

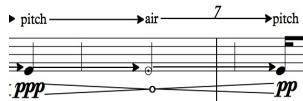
lb - with the frog on the lower bout on the left side

Strings

 A harmonic pizzicato played with the finger nail. It is a typical guitar technique. The finger has to be removed from the string almost immediately after striking it.

 Pizzicato fluido played with tension screw of the bow. In order to hear D#4, place the bow on F4 approximately. There should be a glissando in opposite direction to node of E resulting in the harmonic one octave above.

Nay



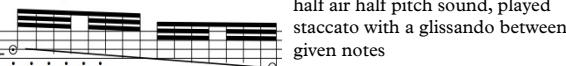
transition from air to pitch and via versa

pizz or staccato-air-double tongue



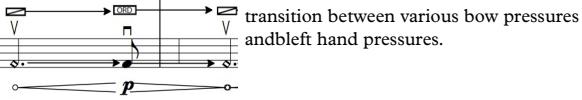
percussive sound, if pizz can't be this quick an airy accented staccato can be used instead

staccato/gloss



half air half pitch sound, played staccato with a glissando between given notes

Tanbur



transition between various bow pressures and left hand pressures.

left hand tapping



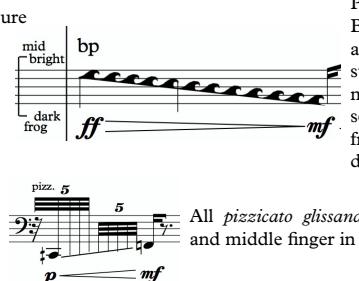
left hand hits the given pitches on the keyboard.

Bow pressure levels

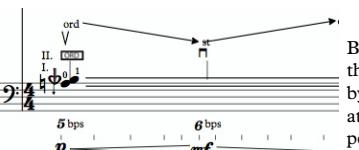
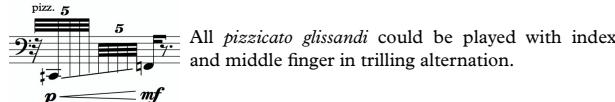
-  - under pressure
-  - ordinary pressure
-  - partly over pressure, halfway between "ordinary" and "over pressure"
-  - over pressure
-  noise symbol for over pressure



Both first and second fingers placed on the strings with the barre position, lying parallel to each other. Here, what we hear is a kind of flute's air sound quality. F4 and C5 will be perceived. E4 and B4 are only there in order to cancel possible harmonics and secure the sound quality.



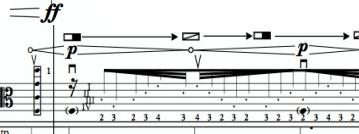
Place the instrument on the knee. Bow the back plate of the instrument and pressing down on the hair of the stick, making rotation motions. If the middle part of the bow is used, the sound quality will be bright. If the frog part used, the sound will be darker.



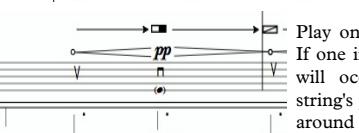
B3 quarter flat starts initially 5 hz then changes to 6 hz higher than A3, by moving the LH finger. This creates at first 5 beats per sec, then 6 beats per second.



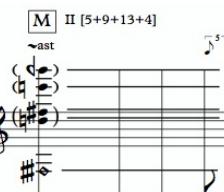
A quadruple stop *pizzicato* containing harmonics. Removing the third and fourth fingers after about 1/3", the shown harmonics should be audible.



While playing on the tail piece, the LH first finger lies on the indicated pitches with a barre position and other fingers play on the indicated strings as hammer-on.



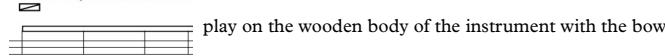
Play on the tail piece, indicated by "tp." If one increases the bow pressure a pitch will occur which is around the third string's pitch. In the case of cello it will be around G2. However, it might be F#2 or F2 depending on the instrument.



The left hand fingers the diamond note head, with resulting sounds given in parentheses. II indicates the string, 5+9+13+4 are the sounding 5th, 9th, 13th, and 4th harmonics respectively. More details can be found on <http://www.cellomap.com>.

(Tanbur)

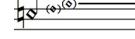
on the body of the instrument



play on the wooden body of the instrument with the bow



irregular trill between given notes with a harmonic left hand pressure. Change the given notes randomly.



touch the given harmonic note with harmonic left hand pressure to get the given note in parenthesis

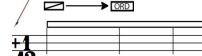
Chang

play with beaters on the pin area (granulation)



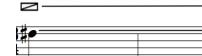
play with beaters on the pin area to get granulating click noises

play with a bow on the body of the instrument



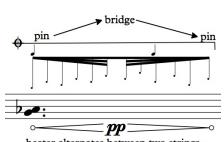
play with a violin bow on the body of the instrument. Try out with part works better.

play with bow hair (or plastic guitar string)



a bow hair of a string instrument is placed around the D#5 string prior to the performance.

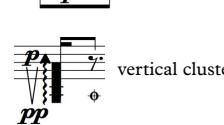
(Chang)



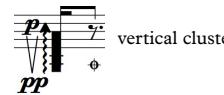
hand the given strings with one hand and alternate the beaters in two given strings moving between pin and bridge.



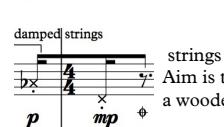
arpeggio played with fingers. Unless it is indicated otherwise,



play everything with fingers.



vertical cluster glissando on the given strings with the given direction



damped strings strings are prepared with patafix in order to dampen them. Aim is to change the metallic character of the instrument into a wooden one.

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3

2

only air

3

ppp

4

p

damped strings

5

ppp

air

sp → *ord* → *ORD*

sp → *ord* → *ORD*

ord → *ORD* → *sp* → *ord* → *ORD*

sp → *ord* → *ORD*

ob → *ORD* → *ob*

ub → *lb*

II.

sp → *ord* → *ORD*

sp → *ord* → *ORD*

ob → *ORD* → *ob*

ub → *lb*

II.

ob → *ORD*

ub → *lb*

ff → *pp*

ff → *ppp*

ff → *pp*

ff → *pp*

ff → *pp*

ff → *ff*

mf

pp

f → *pp*

f → *ff*

arco ob

pizz. I.

ord → *sp* → *ORD* → *sp* → *ORD*

III.

ob → *ORD*

ub → *lb*

pizz. +

1. mf

pp

arco

tp

22

aN

C

T

I

II

V

C

23

24 air/pitch 3 pizz. air/pitch 25 3 pizz. 3

damped strings

on the body of the instrument

left hand tapping arco sp ord

ord left hand tapping arco 3

sp

ord

ord

sp

26

pp

mp

3

pizz. III. 3

ub

3 mf

arco Vlb ob

f'' p

V

mp pp

ub

V

3 pp

V

pizz. III. 3

arco Vlb

p

st

sp

ord

II. III.

3 pp

p

pizz. [f] III.

3 mf

pp

ord

sp

ord

sp

ord

3 mf

pp

mf

34

aN

35 pizz or staccato-air-double tongue

C

T

I

II

V

C

36

37

9

10

38 jet whistle
aN f
C mp
T sp ord
I f p pp
II f p pp
V f
C f

39 p mp

40 air/pitch tr tr tr
 pp mf pp
T sp tr tr tr
 pp mf pp

41 mf p

42 pp

72

43 **44** **45** **46** **47** **11**

aN
C
T

play with beaters on the pin area (granulation)
ff *mp*
on the body of the instrument
p

I
mid bright bp
frog dark ff
f *ff* *ff* *f*

II
ob bb tp
ff
f *ff* *f* *ff*

V
ord
sp
st
msp
ast
III. ff
f *ff* *f* *ff*

C
msp str ast
tp bb ob
ff
f *ff* *f* *ff*

(♩=72) → ♩=80 → ♩=60

12

48 only air

49

50

51 only air (stay in the background)

52

aN

C

T

I

II

V

C

48 only air

49

50

51 only air (stay in the background)

52

aN

C

T

I

II

V

C

53 air → pitch
play with bow hair (or plastic guitar string)
CORO

54 air → pitch
CORO → CORO → CORO → CORO → CORO

55 air → pitch
CORO → CORO → CORO → CORO → CORO

aN
C
T
I
II
V
C

61 62 63 64 65 66 jet whistle

aN

play with beaters on the pin area (granulation)

C

T

I

II

V

C

mid bp bright
dark frog

16

67 aN

68 jet whistle

69

70

I

II

V

C

71 jet whistle

72 play with beaters on the pin area (granulation) *pp*

aN (mezzo-soprano) *f*

C (cello) *f*

T (timpani) *sp*, *st*, *Ø* *mp* *f*

I (violin I) *ord*, *8va*, *mp*, *f*, *5*, *mpf*, *5*, *ord*, *sp*, *8va*, *ord*

II (violin II) *ord*, *8va*, *f*, *mp*, *f*, *mpf*, *5*, *ord*, *sp*, *8va*, *ord*

V (double bass) *pizz.*, *c#6*, *b4*, *4*, *2*, *5*, *III.*, *IV.*, *mf*, *arc*, *msp*, *ord*, *3*, *3*, *3*, *3*, *f*

C (cello) *msp*, *ord*, *bb*, *tp*, *h*, *3*, *3*, *3*, *3*, *mf*

18

73 air/pitch staccato/gliss 74 75 76 77 pizz. 3
 aN *mp* *p*
 C *mp*
 T *ord* (8) *ord* *sp* *ord* *f*
 I *fff* *p < ff p > ff p < ff p < ff* *p < ff p > ff p < ff pp* *fff mp*
 II *fff* *p < ff p > ff p < ff p < ff* *p < ff p > ff p < ff pp* *fff mp*
 V *pizz.* [c7] [b5] *fff* *ff* *pizz.* *mf* *p*
 C *pizz.* [g6] [f#5] *fff mp* *c6* [a5] *ff* *p*

♩ = 60

aN

78 -

79 pizz. 3 3 80 -

p → mf

staccato/gloss
air/pitch

81 pp -

mf → p → p → mf 6

pizz. 6 82 4+2 4+2 → mf 6

p → mf 6

C

left hand tapping 6

p → mf

T

sp → arco → ord

left hand tapping 6

p → mf

I

(8) -

II

(8) -

V

[a6] [g5]

pizz. [g5] [a6]

mf

mp

st flautando arco

C

pizz. I. II.

mf

p

ff

19

83 mostly air *ppp*

play with bow hair (or plastic guitar string) *CRD*

ord. *arco* *CRD*

pp

I ord → *CRD* → *ord* II. *sp* III. *simile* *ord* *CRD* → *ord* *ff* *mp* *f*

II ord → *CRD* → *ord* *sp* *simile* II. III. *ord* *sp* *simile* *ff* *ff* *mf* *ff* *mp*

V pizz. *ff* ord *CRD* *ord* *sp* *simile* II. III. *p* *f* *f* *p* *ff*

C pizz. *ff*

♩ = 60 → ♩ = 42

21

85

aN C T

air/pitch

86

5 4

ppp
play with a bow
on the body of the instrument

ord

I

ff **p** **ff p** **ff pp**

ff' 6

II

ord → **sp** → **ord**
→ **ff** **p** **ff p** **ff pp**

ff'

V

mf **ff** **mp** **f**

II. **7** **p**

ord → **sp** → **ord**
→ **ff** **p** **ff pp**

ord → **sp** → **ord**
→ **ff** **p** **ff pp**

C

arcò **5** **5** **5** **5**

III. **mp** **mf** **p**

22

$$\rightarrow = 60^\circ$$

87

aN

C

T

I

II

V

C

98

air/pitch

play with bow hair
(*plastic guitar string*)

99

staccato/gliss

5 5 5

mf ff mp

100

damped strings

aN

C

T

I

II

V

C

101 5 pizz. 3 102 air/pitch 103 6 104 6 105 5
 aN 5 mf > mp p mf p mf p mf 410 5
 C 3 mf > mp 6 3 ord. 6 mf 6 6 mf 410 5
 T left hand tapping 6 p 6 mf 3 3 mf 410 5
 I (8) 3 fff p ff p < ff p < ff pp mf f 410 5
 II (8) fff p ff p < ff p < ff pp mf f 410 5
 V pizz. ff sffz mf pizz. 4 2 mf 410 5
 C pizz. ff pizz. 3 ++ 4 pizz. 5 5 pizz. 5 5 mf 410 5

106 air → pitch air
aN *mfp*

107 C T I II V

108 C T I II V

109 C T I II V

play with bow hair (or plastic guitar string)
st → ord
3 bps *mf*

ord → msp → ord → msp → st → ord → ast
I. 5 II. *pp* *mf* *pp* *mf* *p*

ord → msp → ord → msp → st → ord → ast
III. 5 IV. *pp* *mf* *pp* *mf* *p*

ord → msp → ord → st → ord → ast
V. 3 III. arc 3 II. 3 IV. 3 *pp* *mf* *pp* *mf* *p*

ord → msp → ord → st → ord → ast
III. 3 IV. 3 *pp* *mf* *pp* *mf* *p*

ord → sp → ord
III. II. 4 *f* *p*

* c-quarter flat is just 4 hz higher than d3 creating 4 beats per sec.

* e-quarter flat is just 4 hz higher than d3 creating 4 beats per sec.

110 → air → pitch → air → pitch → air
 > *pp* — *mf* — *pp* — *mf* — *pp*

111 play with a bow on the body of the instrument
 C: > *pp* — *ppp*
 T: > *pp* — *mf* — *pp* — *mf* — *pp*

112
 113 tr → pitch → air → pitch → air
 & 3+1 3+1 3+1 3+1
 4 10 4 10 4 10 4 10
 p — *mf* — *p* — *mf* — *p*

I: > *pp* — *mf* — *pp* — *f* — *pp*
 II: > *pp* — *f* — *pp*
 V: sp → ord → st
 arco → ord → st
 III. f — *pp*
 IV. 3+1 3+1 3+1 3+1
 4 10 4 10 4 10 4 10
 pp — *p*

sp → ord → st
 tr → sp → ord
 3+1 3+1 3+1 3+1
 4 10 4 10 4 10 4 10
 p — *mf* — *p*

IV. ord → st → ord
 III. 5 bps 6 bps 5 bps
 V. 5 bps 6 bps 5 bps
 mfp — *mf* — *p*

C: ord → msp → ord
 3+1 3+1 3+1 3+1
 4 10 4 10 4 10 4 10
 pp — *p*

117
 aN
 C
 T
 I
 II
 V
 C

118
 2+2
 4 12

air → pitch → air
 tr → tr → tr
 3
 p mf p
 3
 p
 sp → st → sp → st → sp → st → sp → st
 tr → tr
 2+2
 4 12
 p mf p mf p
 st → msp → ast → msp → sp → st
 2+2
 4 12
 b p mf p mf p mf p mf p mf p
 sp → st → msp → ast → msp → sp → st → sp → st → sp → st → sp → st
 2+2
 4 12
 b p mf p mf p mf p mf p
 sp → st → msp → ast → msp → sp → st → sp → st → sp → st → sp → st
 2+2
 4 12
 b p mf p mf p mf p mf p
 st → sp → st
 2+2
 4 12
 b p mf p mf p mf p mf p
 st → sp → st
 2+2
 4 12
 b p mf p mf p mf p mf p
 st → sp → st
 2+2
 4 12
 b p mf p mf p mf p mf p
 4 bps
 p mf p

125 126 air/pitch 127

aN - *ppp* -

C *ppp* - -

T *p* *mp* *p*

I *p* *sp* *ord*

II *f* *p* *mp*

V *p* *pp* *ff*

C *p* *pp* *fff*

*play with a bow
on the body of the instrument*

ord

sp

st

tr

simile

ff

fff

ord

sp

simile

ff

fff

ord

ff

fff

ord

ff

fff

130 131 132 133 134 135 136 137

air/pitch air/pitch

aN C T I II V C

Detailed description: This is a page from a musical score. It features seven staves, each with a different instrument or section labeled: aN, C, T, I, II, V, and C. The music is divided into measures numbered 130 through 137. Measure 130 starts with dynamic $\rightarrow p$ for all staves. Measures 131 and 132 show various dynamics and articulations (ord., sp., st.) across the staves. Measure 133 begins with a dynamic of f . Measures 134 and 135 feature complex articulations involving multiple strokes and dynamics (ppp , mf). Measure 136 includes a tempo change to ORD. and a dynamic of mf . Measures 137 and 138 continue with various dynamics and articulations, including p , mf , and mp . The score also includes sections for vocal parts (I, II, III) with specific vowel sounds indicated.

138 air/pitch 139 140 air/pitch 141 staccato/gloss 142 only air

aN *ppp*
C
T *st* *ord.* *ord.* *on the body of the instrument*

I *st* *pizz.* *ff* III. *pizz.* IV. *mf* *p* *arcot* *st* *ord* *st* *pp* *mf* *pp*

II *f* *f* *pp* *mf* *pp*

V *pizz.* *mf* *pizz.* *mp* *f*

Violin *mf* *M I [7+13+6]* *ast* *M II [5+9+13+4]* *pizz.* *mf* *M IV [5+12+7]* *st* *[g5]* *[bb4]* *pizz.* *mf* *[g6]* *[#f5]* *arco* *tp* *pp*

143

aN

144

pp

pizz or staccato-air-double tongue 145

bridge
pin
bridge
pin
bridge
pin

sp ord

on the body of the instrument

146

air → pitch

147

mf

148

T

I

II

V

C