

Jukka Tiensuu

nemo

for ensemble and electronics

1997



Music Finland

THIS PREVIEW
IS IN LOW RESOLUTION

**For promotional
use only**

Music Finland

nemo

for ensemble and electronics

Jukka Tiensuu (1997)

THIS PREVIEW
IS IN LOW RESOLUTION

**For promotional
use only**

Music Finland

ensemble cond.	
FL	FR
(LS)	(RS)
BL	BR

4 (or 6) loudspeakers in the corners

ends of the stage):

tion (+kbdB)
abass
clarinet

roximate pitches. In note repetitions they visualise the

void ambiguity, micro-tonal accidentals are placed before
ncels the previous accidental.

ference, no combined accidentals are used.)

o, which is always short, regardless of the length of the note
nterpreted in conform with the length of the note and the

uration (to differentiate them from mere "portamento"). Glissandi
ormance of the total glissando is beyond the player's capability, a
maximum glissando is to be performed.

Articulation. The articulation is left to the players' discretion, but should reflect the character of
the music played. In general, the music should be played in full length but well articulated. Very rapid passages (like sixteenth-note
triplets at MM. 120) may be slurred. It is not necessary to aim at a uniform tonguing and bowing. Rather, the players are encouraged
to make individual decisions and even vary their articulation principles within their part.

General

Bars 263-267: the players perform *individual* diminuendi and (multi) rallentandi and will thus arrive to bar 265 at different times.
There, while letting the instrumental sound slowly die away, the players will pick up the indicated pitch and sing the passage
(transposing an octave if necessary) gradually moving from one phoneme to the next. The beginning of the voice part is not
synchronous (wind-players still playing their instruments, whereas the others *must* start singing while still playing), but bar 267 should
be sung in synchron. In bar 267 the sampler fades in on the very chord sung by the players and in bar 268 the players should fade in
tuning to the pitches and dynamics of the sampler-chord. In the following bars the sampler-chord does small pitch-deviations but the
musicians should not change their pitches (the result being a variable rate of beat).

The tempi in bars 106-131, 161-186, 386-413 and 518-545 must be exact to synchronize with the sampler sound part *). Elsewhere
tempi may be taken slightly slower (but not faster) than indicated depending on the acoustic conditions of the performance situation. It
is then recommended that on arriving to any of the above-mentioned bars, an accelerando is performed in order to arrive to the exact
tempo already before those bars. Also the sampler sound "tempi" in 267-280 and 446-459 should be exact.

Bars 175- if the first violin chooses to play *8^{va}*, the keyboard should also play *8^{va}* from bar 177 (to 193).

Bars 205-216 and 424-445 (inclusive) are played by all musicians "portamento/glissando e con molto vibrato lentissimo" all the time.
Sporadic ornament and glissando signs function mainly as reminders. Creativity (with good taste) is encouraged.

Bars 226-263 and 460-471 the accents should be very loud, but reasonably balanced between the instruments, to create a continuous
"melody". Everything else *pp(p)*, sort of "distant background".

Keyboardist: The keyboardist should play the indicated dynamics, although the resulting dynamic level of the sounds may vary
greatly depending on the samples/programs used and the simultaneous positions of the mixer's faders. The circled numbers (1.-12.) in
the keyboardist's part indicate the Multi (set of programs) selection. These changes should be performed where indicated to be sure to
avoid any clipping in the sounds' possible "tails" (fade, reverb, delays etc.). In a rehearsal situation, to interrupt a very long sample
(e.g. kbdA prog.8, or kbdB prog.2), simply select a program that is not used in the piece (e.g. number 15).

Percussionist: kbdB is used to *trigger* the samples only. The samples are insensitive to the force (velocity) and length of the key-
press. All their dynamics and durations are pre-programmed. Also, in the one-sampler-version, all Multi changes during the
performance are done by the keyboardist (and none by the percussionist).

*) On demand the flutist, clarinetist, keyboardist and violinist can receive rehearsal CDs or cassettes with the electronic "models" they
have to synchronise with in bars 161-186 and 518-545.

nemo was commissioned by the French Ministry of Culture ("commande d'Etat") for Nouvel Ensemble Moderne (conducted by
Lorraine Vaillancourt). The electronic part was realised at IRCAM with Ipke Starke as musical assistant.

Electronic setup

Suggested solution for the sampler(s):

In the ideal case only one sampler, an Akai S-6000/5000 (with 128MB RAM) is needed (see the separate sheet on electronic setup).
The S-6000/5000 should have a CD-ROM or a ZIP-drive (with SCSI interface) for the loading of the samples.

If S6000 (or S5000) are unavailable, contact the composer for a possible alternative solution.

The sampler is controlled by two MIDI-keyboards. Plain master-keyboards are preferred to synthesizers, which - especially so called
work-stations - tend to confuse the sampler:

- 1) Keyboardist plays a MIDI master keyboard (hereafter kbdA) connected to the sampler's MIDI input A. Keys needed are D0..G6
and the keys should be velocity sensitive..
- 2) Percussionist plays a MIDI keyboard (kbdB) connected to the sampler's MIDI input B. Keys needed are C1..C6 and they do not
need to have velocity sensitivity because the player is only triggering events.

Real-time effects (done at the mixer):

Microphones are needed for *at least*: 1st violin, flute and clarinet. *Preferably* also: vibraphone (highest range *only*), 2nd violin, oboe,
cello and bassoon. Viola, bass clarinet and contrabass can be miked or not, but the brass is best left without microphones in any case.

Two FX devices for reverbération (type "Large Hall") and delays (single delay, i.e. "one shot", no feedback, and at almost the same
dynamic level as the original sound) of the live instruments - and sampler (kbdA) in bars 446-459. (On *back speakers only* during bars
205-216, 349-388 and 424-446).

Mixer, at least 32 channels recommended (24 channels minimum, but unpractical. See separate sheet for the mixer configuration).

4 audience loudspeakers (one in each corner of the hall), for larger halls preferably 6 (adding two on the sides helps to make
smoother transitions)

5 control loudspeakers ("monitors") for the following musicians: conductor, keyboardist, 1st violin, flute, and clarinet. The monitors
should be placed on stands and very close to the heads of the players, so that the sound level can be kept at minimum (not heard by the
audience) and the players (and the conductor) can easily regulate how much they will hear the monitor by slightly moving their heads.

Sound projection part: control events (fade-in and -outs, reverbération, delay, balance) are indicated in the lowest staff of the score.
There is a separate sound projection part, which *must be used* for the performances (see N.B.), but in order to really master the sound
projection of the piece the responsible person(s) should also study the full score. (See separate sheet for more details.) When reverb-
erating and echoing/delaying the live ensemble, the channel PANs in the mixer should correspond to the stage positions of the players.
The types and levels of reverbération and delay naturally depend on the acoustic conditions of the performance situation.

Likewise, although there are fade-ins and -outs already in the sampler programs, the final level (the balance between the acoustic
instruments and the samplers) should be discretely adjusted through intelligent mixing.

Bars 226-263 and 460-471 The amplified sound - of the *whole* ensemble as a *unity* - is rotated/panned from one speaker to another.
Start slowly, speed up and make even extremely rapid jumps between speakers, then slow down and end in the front speakers. Think
of a (panicky) insect flying "amok" around the hall.

Multis and programs in the S6000 (with mnemonic names):

Multi	KbdA-prgs:	KbdB-prgs:	change at bar	(comments)
1. nemoKbd1	Piano1		1	
2. nemoKbd2	Merle-notes2	Morph1	32, 48, 160, 195	(s. Notes 2 & 3)
3. nemoKbd3	Merle0 A-F		119, 401	
4. nemoKbd4	Piano4		133	
5. nemoKbd5	SYTriton+WhalPB1		204	
6. nemoKbd6	Merle-note-PB	BAT	91, 222, 266	(size of BAT: 20 MB, s. Notes 1 & 3)
7. nemoKbd7	"ensemble"	Timpani	284, 419	
8. nemoKbd8	SY3G+Whal-PB-all		445	(10 MB) "play to sample end"
9. nemoKbd9	"ensemble eco"		477	
10. nemoKbd10	Merle-notes0	Morph2	519	(s. Note 2 & 3)
11. nemoKbd11	SY2G+Merle-notes2		43, 156, 190	
12. nemoKbd12	SY3G		225	

Note 1: All programs of KbdB are in playback mode "one-shot", i.e. when triggered, the complete sample is always played.

Note 2: There are pre-programmed fade-in/outs in BAT and pre-programmed spatial movement (pan) in Morph1 and Morph2.

Note 3: KbdA Merle-notes programs have the pitchbend value set to 6 (tritone).

N.B. the electronic part is sporadically updated to keep up with the development of technology. Therefore the
newest version of the part (and relevant instructions) may differ from the part written in the score.

THIS PREVIEW IS IN LOW RESOLUTION

For Promotional Use only

Music Finland

nemo

for ensemble and electronics

Jukka Tiensuu 1997

$\text{♩} = 120$ **con brio**

1 2 3 4 5

fl *f*

ob *f* *mp* *f*

cl *f*

bcl *f*

bn *f*

hn *f*

tpt *f*

tn *f*

$\text{♩} = 120$

pc

kbd ①

vl *f*

v2 *f* *p* *f*

va *f*

1/4 3/8 1/4

THIS PREVIEW
IS IN LOW RESOLUTION

For promotional
use only

Music Finland

6 7 8 3 9 10

fl

ob

cl

bcl

bn

hn

tr

tne

perc

kbd

vi.1

vi.2

va

vc

marimba

mp

f

p

f

p

f

p

f

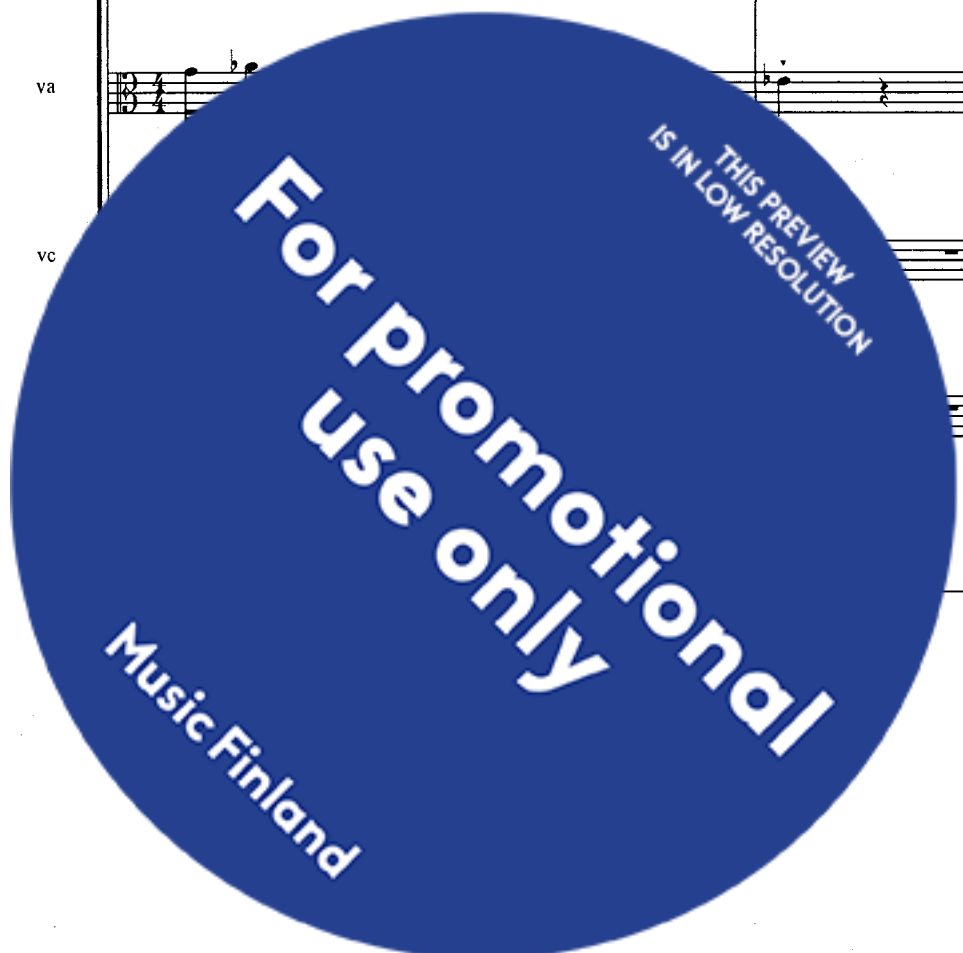
p

f

p

f

3/4



11 12 13 14 15

fl *f* 6 3

ob

cl *p* *f* *p* *f*

bcl

bn *p* *f* 6 3

hn 6:4 *f* *p* 6:4 *f* 3

tr *f*

tne *cuivré* *ord.* *f* *pp*

perc

kbd

vl.1 *ff* *f*

vl.2 *ff* *f*

va *ff* *f*

vc

8 12



16 17 18 19

fl *mp* *f*

ob

cl *pp*

bcl

bn

hn

tr *f*

tne

perc

kbd

vi.1 *p* *f*

vi.2 *pp* *f*

va *f* *pizz.* *arco*

vc *arco*

7 8



20 21 22 23 24 *vibr. molto*

fl *f*

ob *f*

cl *P f*

bcl *f*

bn *P*

hn *f pp f*

tr

tnc *f*

perc

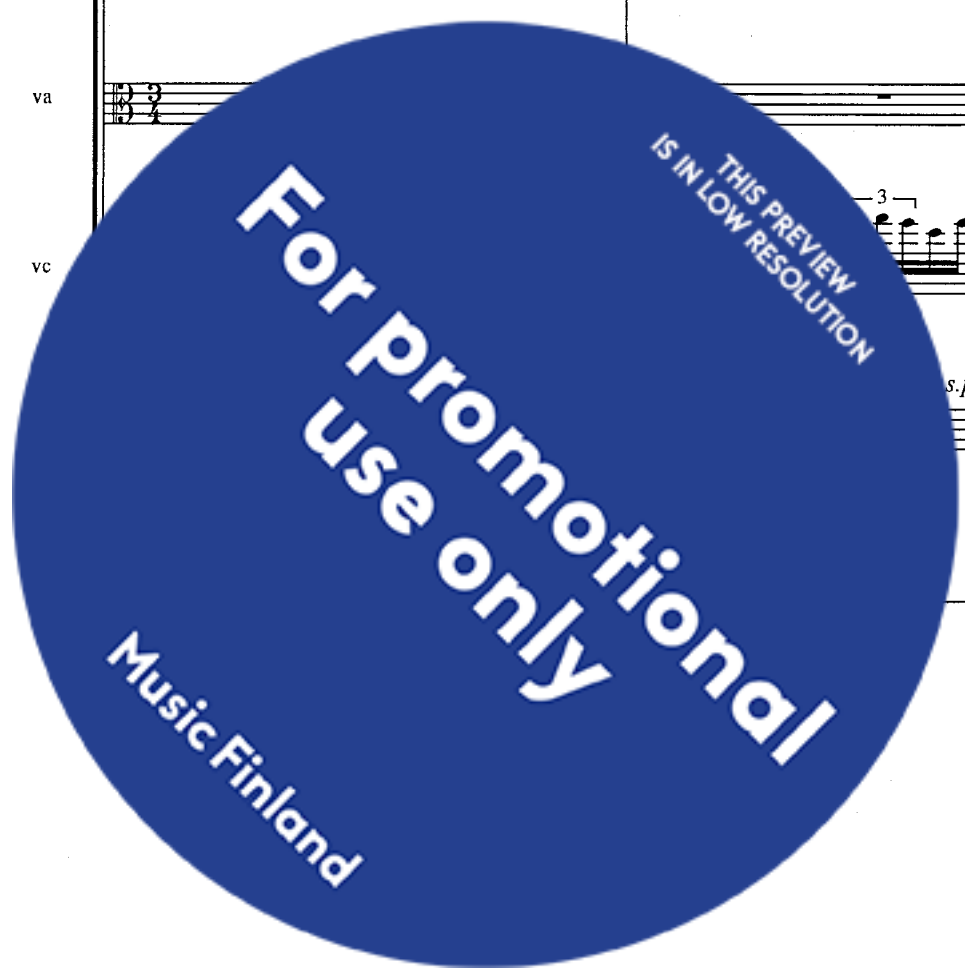
kbd

vi.1 *ff pp*

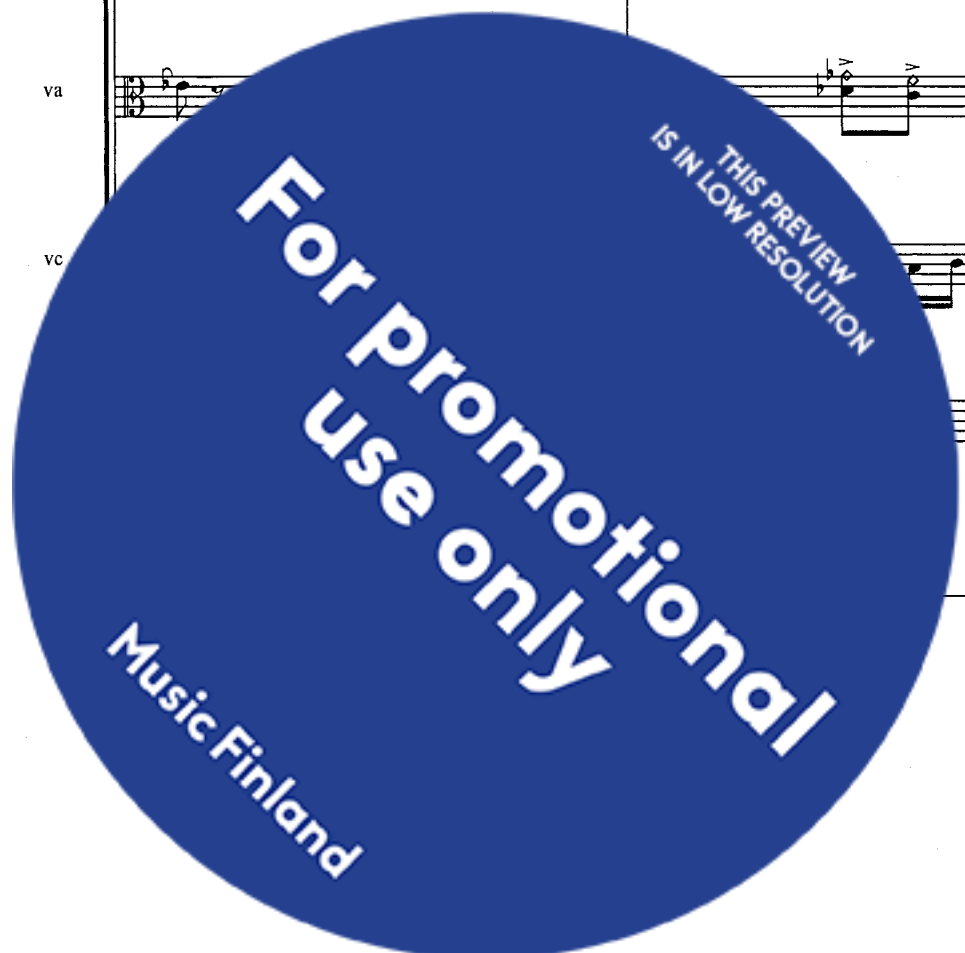
vi.2 *ff pp*

va *ff pp*

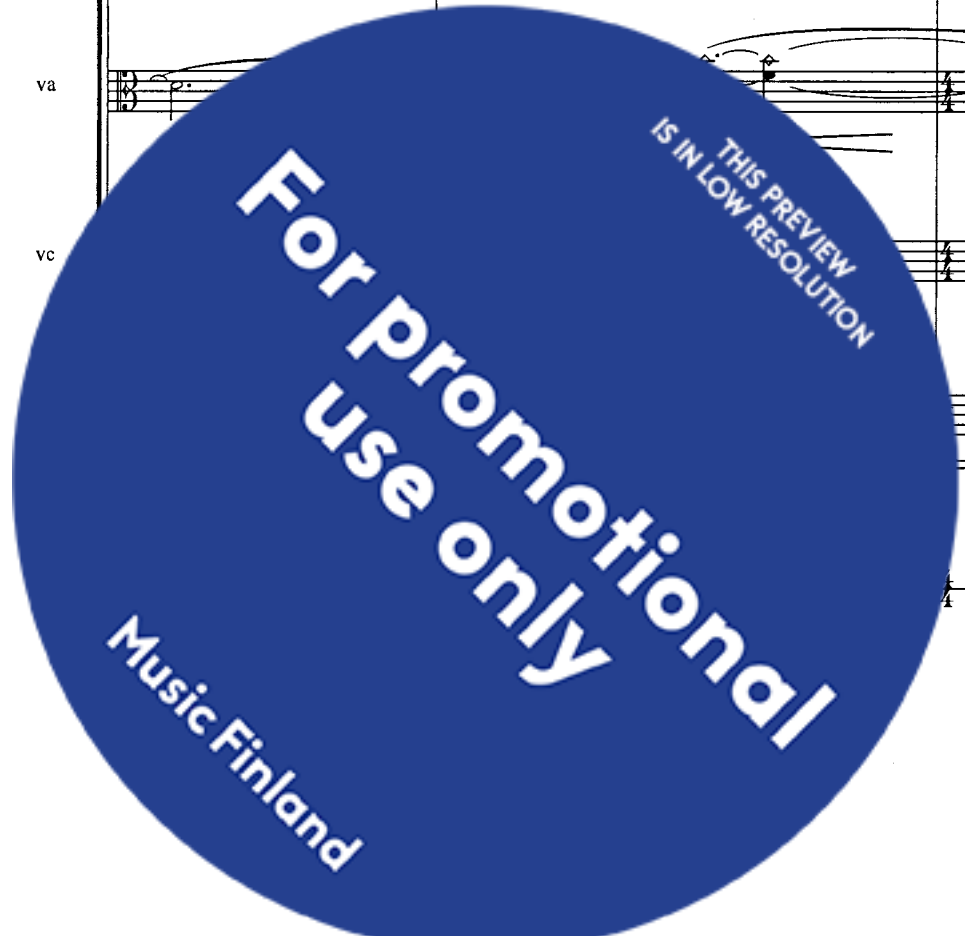
vc *s.p. p ff pizz. pp*



The image displays a musical score for a full orchestra. The instruments are arranged in staves from top to bottom: fl (flute), ob (oboe), cl (clarinet), bcl (bassoon), bn (bassoon), hn (horn), tr (trumpet), tne (trombone), perc (percussion), kbd (keyboard), vl.1 (violin 1), vl.2 (violin 2), va (viola), and vc (cello). The score includes various musical notations such as dynamics (e.g., *f*, *arco ord.*), articulation (accents), and fingerings (e.g., 6, 5, 3). Measure numbers 25, 26, 27, and 28 are indicated at the top. The bottom of the page shows the time signature changing from 2/4 to 3/4.



Musical score for orchestral instruments. The score is divided into two systems. The first system includes fl, ob, cl, bcl, bn, hn, tr, tne, perc, and kbd. The second system includes vl.1, vl.2, va, and vc. The score features various musical notations such as dynamics (f, ff, pp, sf, P), articulation (accents, slurs), and fingerings (6, 3, 5, 6). A circled number '2' is present in the percussion part. The page number '7' is located in the top right corner.



33 $\text{♩} = 30$ 34 $\text{♩} = 120$

fl *f*

ob *f* *pp* *f* *f*

cl *f* *p* *f* *pp* *f*

bcl *f* *f*

bn *p* *f* *f*

hn *f*

tr *p* *f* *f* *pp* *f*

tnc *p* *f*

perc

kbd

$\text{♩} = 30$ $\text{♩} = 120$

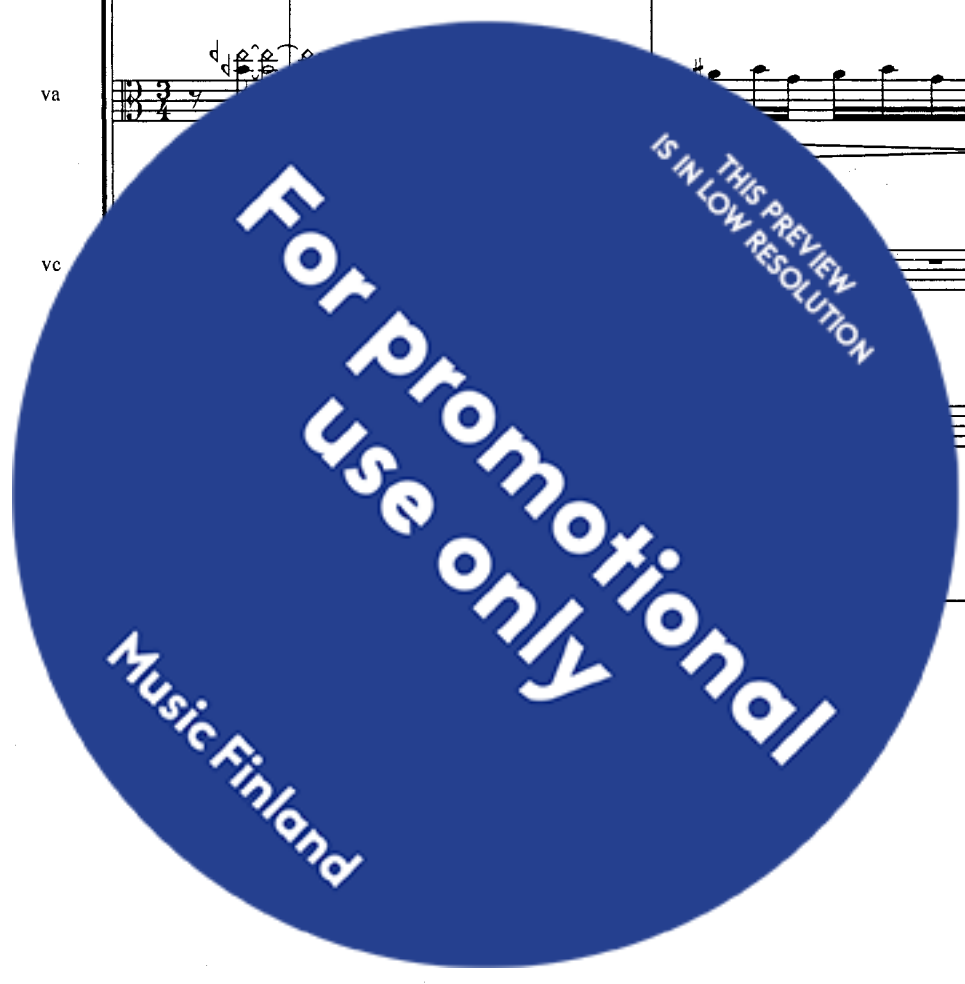
vl.1 *p* *ff* *f* *p* *f*

vl.2 *p* *ff* *f* *pp* *f*

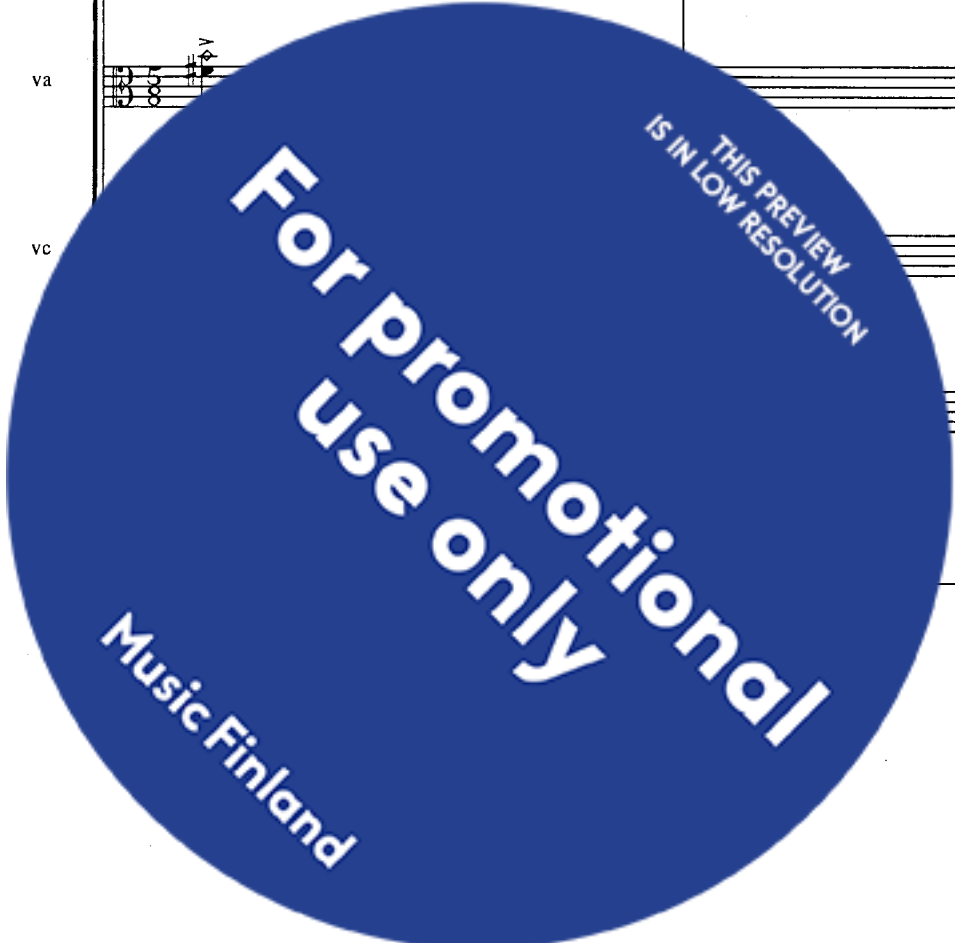
va *pp* *f*

vc *pizz.* *arco* *f* *pizz.* *f*

157 158 159



Musical score for various instruments including flute (fl), oboe (ob), clarinet (cl), bassoon (bcl), horn (hn), trumpet (tr), trombone (tne), percussion (perc), keyboard (kbd), violin 1 (vl.1), violin 2 (vl.2), viola (va), and voice (vc). The score includes measures 38, 39, 40, and 41. It features complex rhythmic patterns with triplets and sixteenth notes. Dynamic markings include *f* and *ff*. The score is in 3/8 time and includes a key signature change from one flat to two flats.



fl *f*

ob *f*

cl *f*

bcl *f*

bn *f*

hn *f*

tr *f*

tne *f*

perc

kbd *mp* *f*

vl.1 *ff*

vl.2 *ff*

va *ff*

vc

42 *f* 6 43 *f* 6 6 44 *f* 45 *f* 3 *f*

6 6 6 5 6 3 6 *pp* 6 *f*

6 6 6 *pp* *f*

6 6 6 *f* *sf*

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

THIS PREVIEW
IS IN LOW RESOLUTION

For promotional
use only

Music Finland

46 $\text{♩} = 30$ $\text{♩} = 120$ 47 48 49 50

fl *f* 3 3 6

ob *f* 3 *f* *pp* *f* 3

cl *pp* *ff* *f* *pp*

bcl *f* 3

bn *f* 3 3 3

hn *f* *p* *f* 6:4

tr *f* 6:4 *f* *pp* 6:4

tne *f* 6:4 *f*

$\text{♩} = 30$ $\text{♩} = 120$

perc

kbd

vi.1 *f* *f* *p* *f* 3

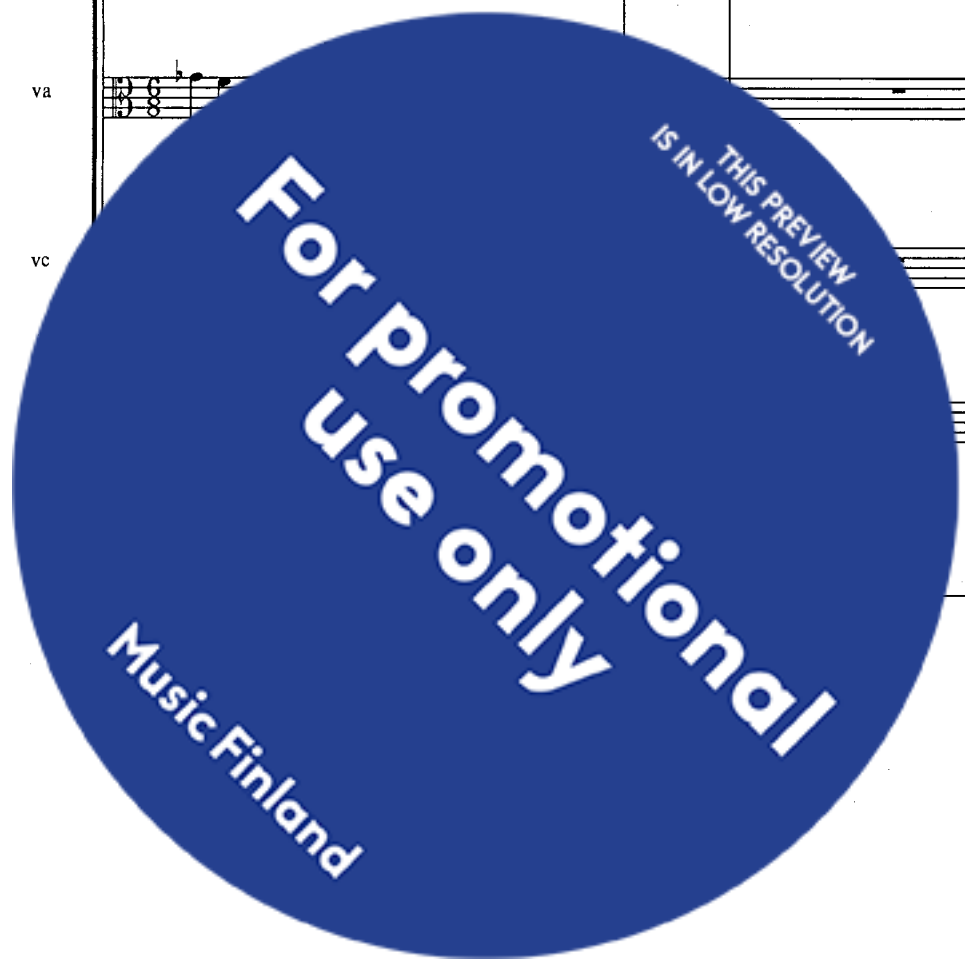
vi.2 *f* *pp*

va *f* *pp*

vc

SY $\frac{5}{8}$ $\frac{1}{4}$

slowly add some reverb.



Musical score for orchestra and strings, measures 51-54. The score includes parts for Flute (fl), Oboe (ob), Clarinet (cl), Bass Clarinet (bcl), Bassoon (bn), Horn (hn), Trumpet (tr), Trombone (tne), Percussion (perc), Keyboard (kbd), Violin 1 (vl.1), Violin 2 (vl.2), Viola (va), and Violoncello (vc). The music features complex rhythmic patterns, including triplets and sixteenth-note runs. Dynamics are marked with *f* (forte). Measure numbers 51, 52, 53, and 54 are indicated at the top of the staves. A large blue watermark is overlaid on the bottom left of the page.

THIS PREVIEW IS IN LOW RESOLUTION

For promotional use only

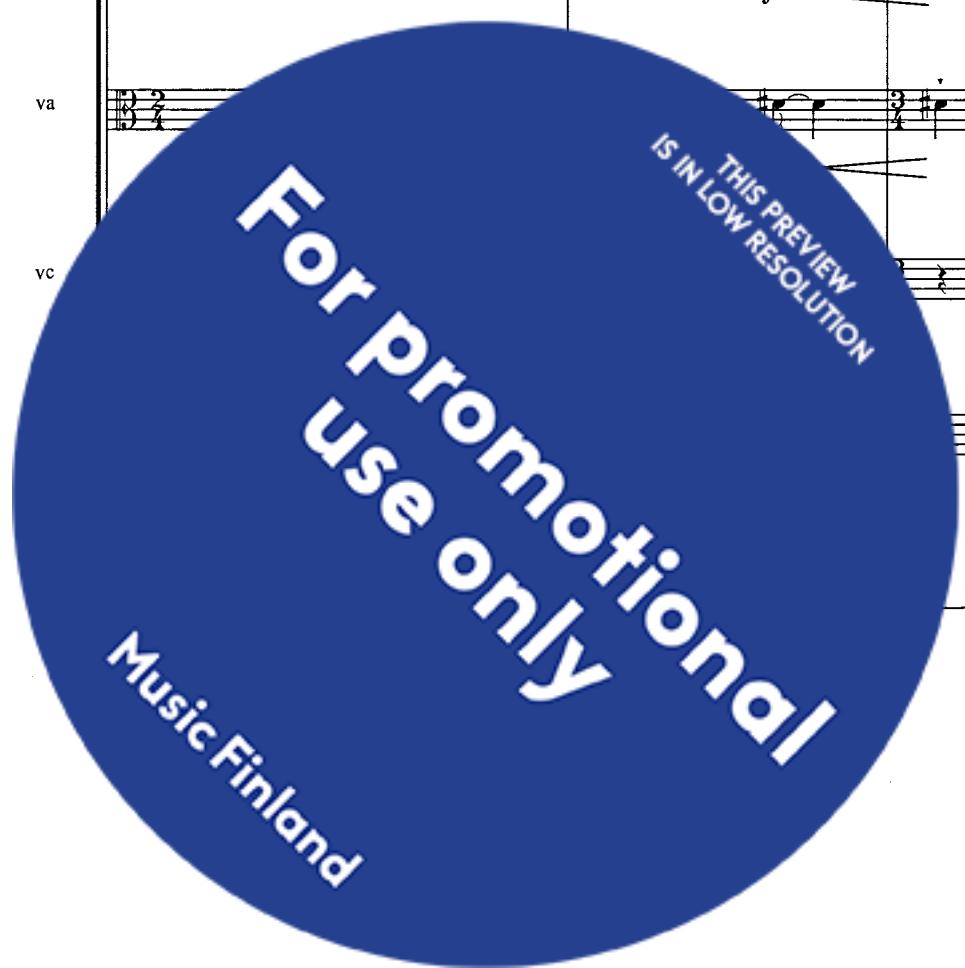
Music Finland

55 56 57 58

fl
ob
cl
bcl
bn
hn
tr
tne

perc
kbd (sempre 8va)

vl.1
vl.2
va
vc



$\text{♩} = 120$

59 60 61 62

fl *ff*

ob *ff*

cl *ff*

bcl *ff*

bn *ff*

hn *ff*

tr *ff*

tne *ff*

(ossia 8va)

perc *ff*

kbd

vi.1 *ff*

vi.2 *ff*

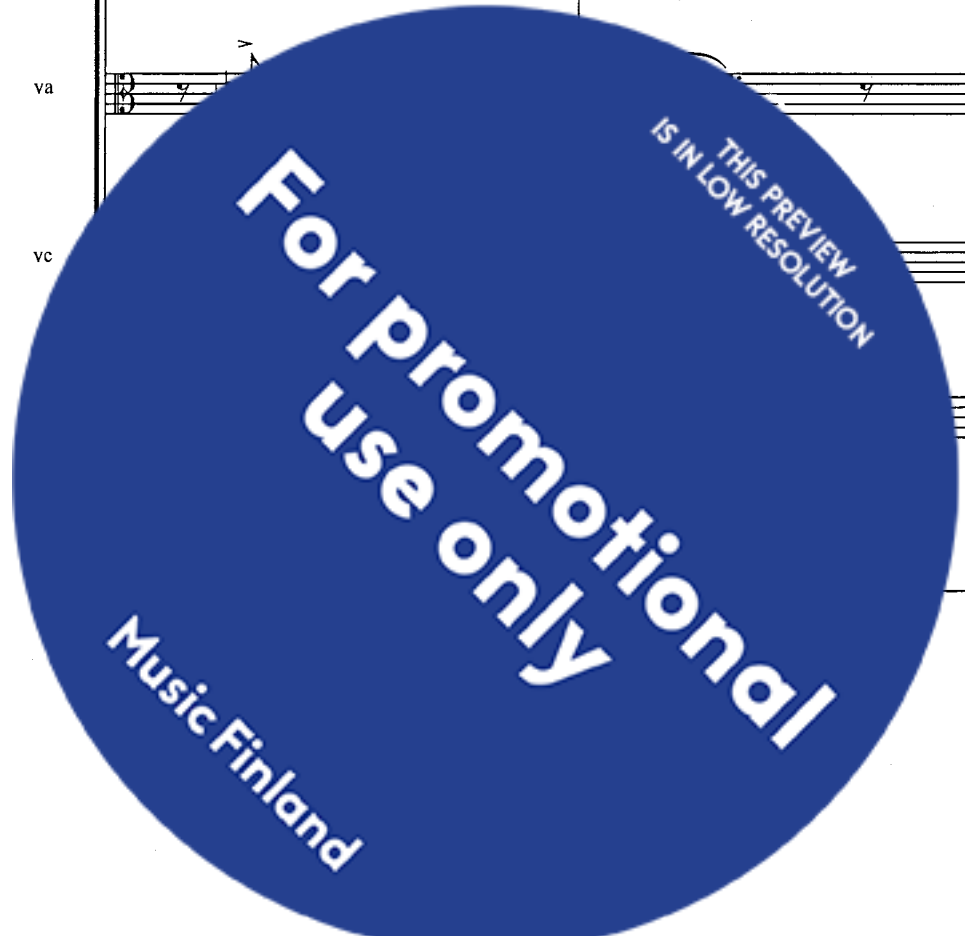
va *ff*

vc *ff*



Musical score for orchestra and strings, measures 63-66. The score is arranged in a standard orchestral format with the following parts from top to bottom: fl (flute), ob (oboe), cl (clarinet), bcl (bass clarinet), bn (bassoon), hn (horn), tr (trumpet), tne (trombone), perc (percussion), kbd (keyboard), vl.1 (violin 1), vl.2 (violin 2), va (viola), and vc (violin). The music features complex rhythmic patterns with triplets and sixteenth notes. Dynamics range from *f* (forte) to *p* (piano), with some passages marked *pp* (pianissimo). The key signature has one sharp (F#) and the time signature is 3/4. A blue circular watermark is overlaid on the bottom left, containing the text: "THIS PREVIEW IS IN LOW RESOLUTION", "For promotional use only", and "Music Finland".

add delay: 0.7" (one shot)



fl 67 68 69 70 71 72

ob

cl

vl.l

mix

Musical score for measures 67-72. The flute part (fl) features a complex melodic line with triplets and dynamic markings of *f*, *p*, *f*, *mf*, and *mp*. The oboe (ob) and clarinet (cl) parts have similar melodic lines with dynamic markings of *f*, *p*, and *mf*. The violin I (vl.l) part has a melodic line with dynamic markings of *f*, *mf*, and *mp*. The mix line is empty.

fl 73 74 75 76 77 78 79

ob

cl

vl.l

mix

Musical score for measures 73-79. The flute part (fl) has a melodic line with a quintuplet in measure 73 and dynamic markings of *mp*, *f*, and *mp*. The oboe (ob) and clarinet (cl) parts have melodic lines with dynamic markings of *mp*, *f*, and *p*. The violin I (vl.l) part has a melodic line with dynamic markings of *p*, *mp*, *f*, and *mp*. The mix line is empty.

fl 80 81 82 83 84 85 86

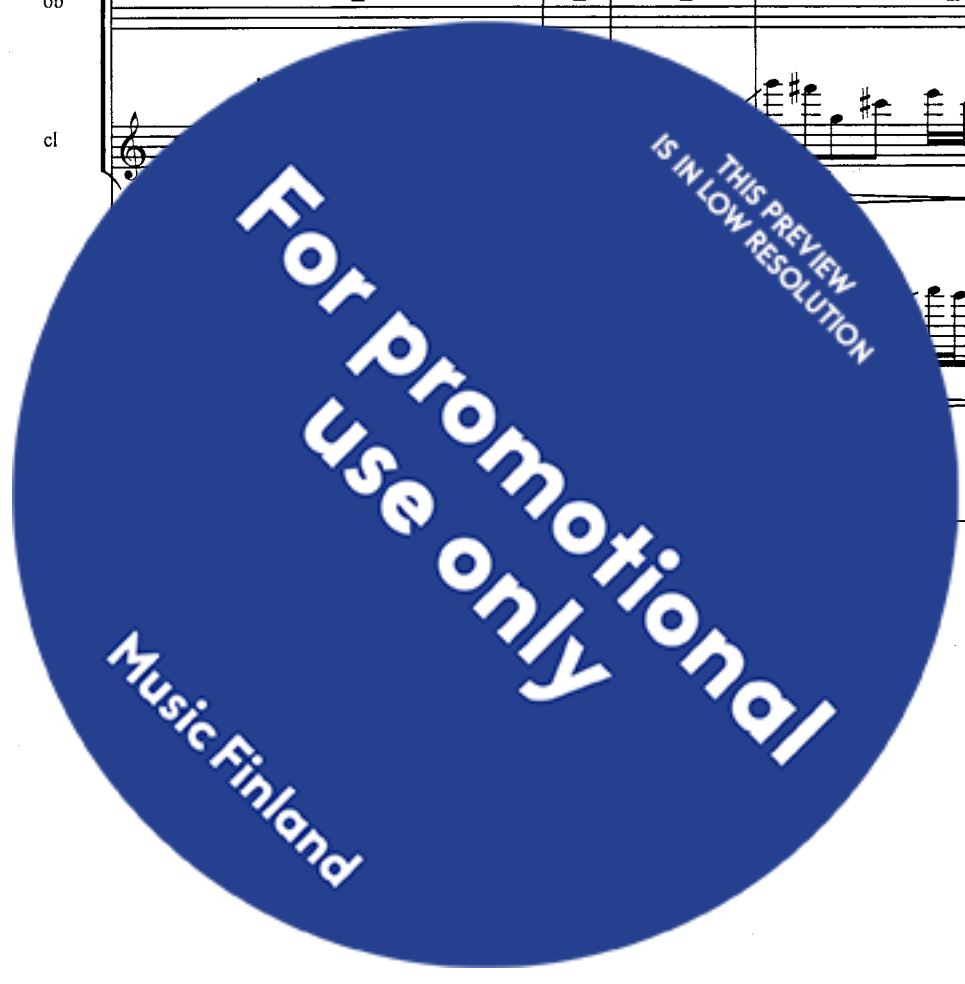
ob

cl

vl.l

mix

Musical score for measures 80-86. The flute part (fl) has a melodic line with dynamic markings of *f*, *mp*, and *f*. The oboe (ob) and clarinet (cl) parts have melodic lines with dynamic markings of *mp* and *f*. The violin I (vl.l) part has a melodic line with dynamic markings of *mp* and *f*. The mix line is empty.



fl 87 *mf* 3 88 89 90 91 *f* 6 6

ob

cl

bn

tr

kbd 6 *loco* 6 *p*

vl.1 *mf* 3 3 6 *f* 6

mix

fl 92 93 *p* 6 94 95 96 97 98 99 *p*

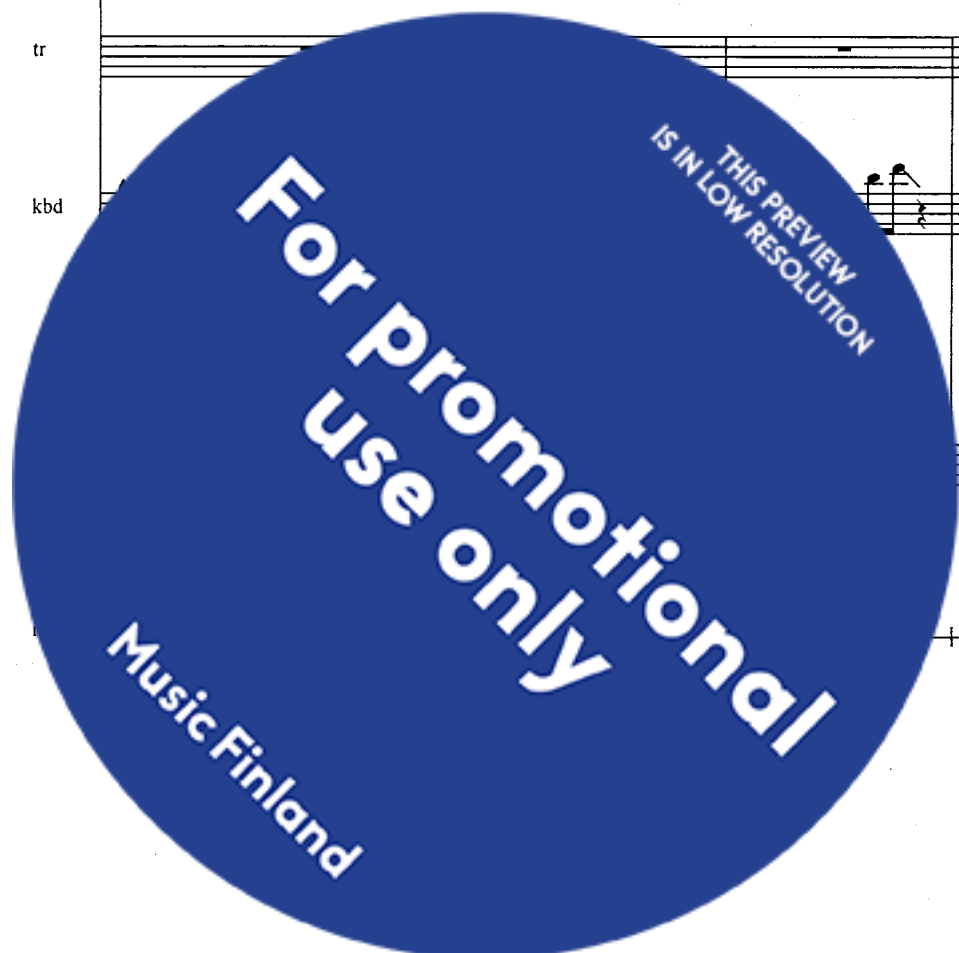
ob

cl *p* 3 3 *p*

bn

tr

kbd *p* 3 3 *p*



100 101 102 103 104

fl *mp*

ob *p*

cl *p*

bn

tr

kbd *p* *mf*

vl.l *p* *mf*

mix

105 106 107 108

fl *p* *mf* *mf* *p*

ob *pp* *p*

cl *pp* *mf* *f* *pp* (subito)

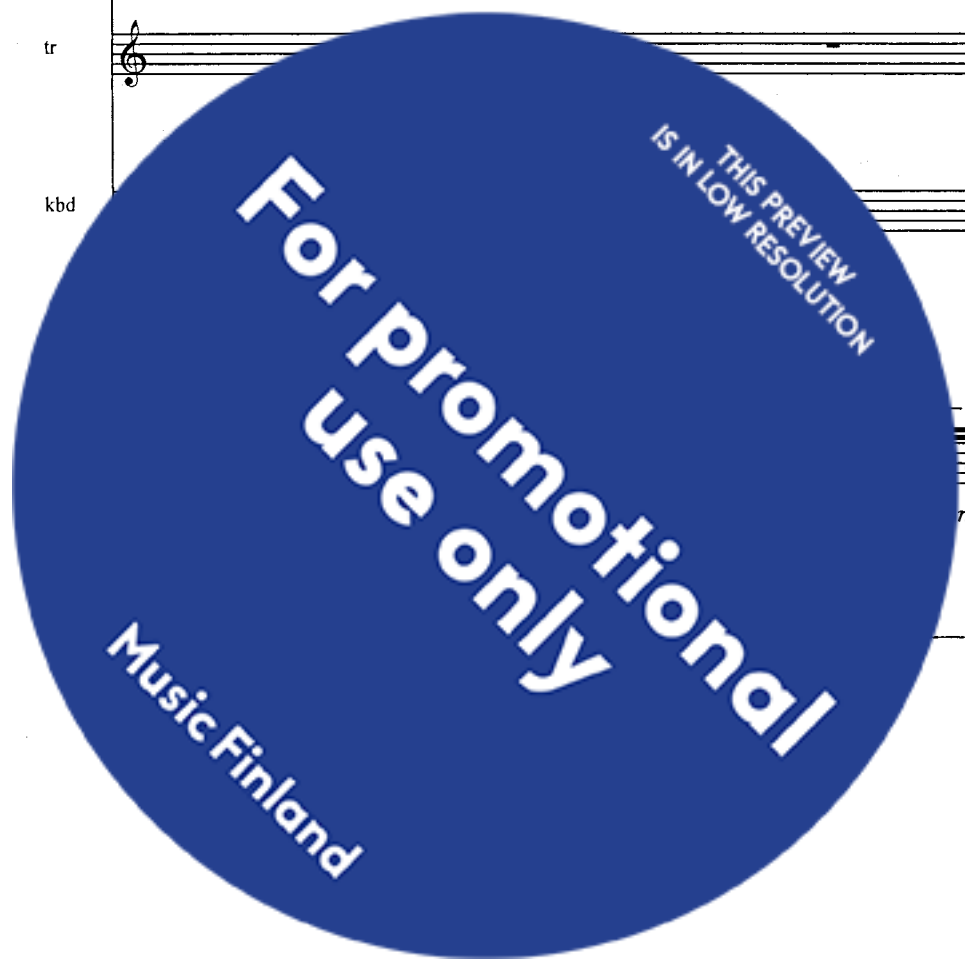
bn *p* *mf* *p* *f* *pp* (subito)

tr *pp* *mp* *f*

kbd *mf*

con sord.

delay off



109 110 111 112

fl *mp*

ob *pp*

cl *mf pp*

bn *mf ff pp mf pp f pp mf f*

tr *pp mf pp*

kbd

vl.1

mix

114 115 116 117 118 119 120

fl *mp pp p*

ob *ff pp mp pp*

cl *ff pp f pp pp p pp*

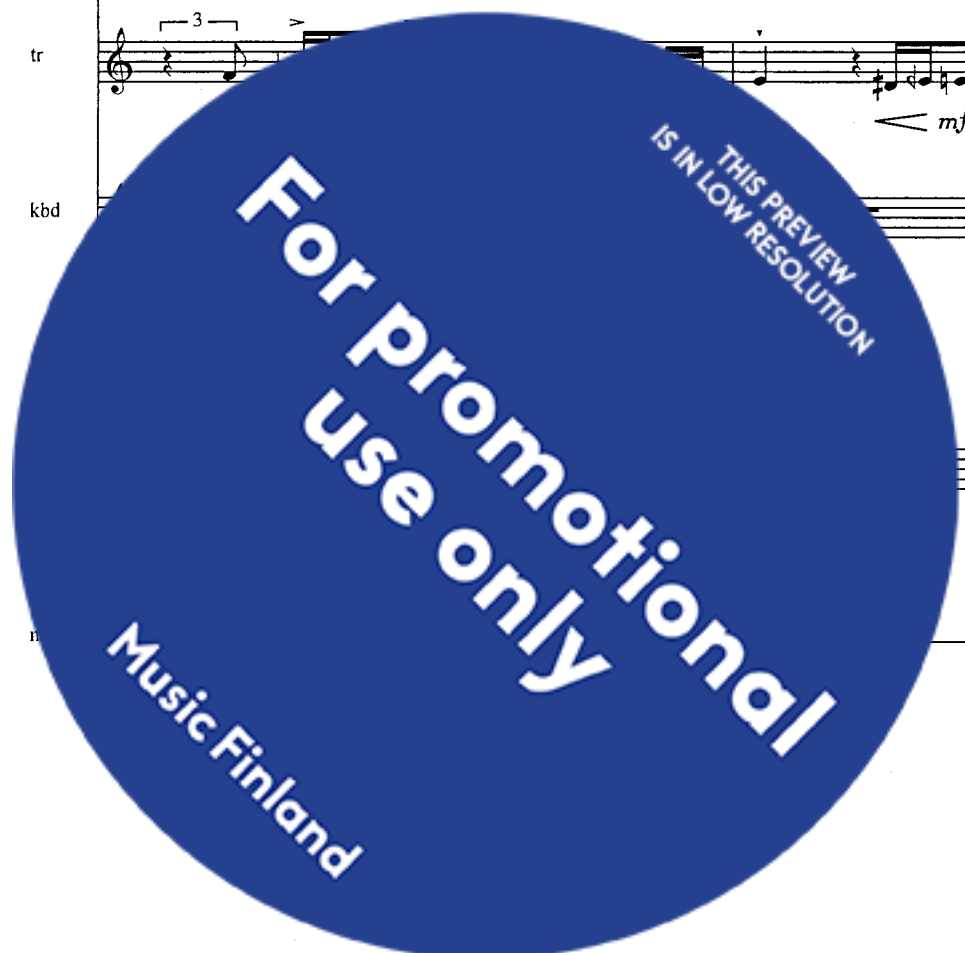
bn *pp f ff pp p mf pp f pp p*

tr *mf p*

kbd

vl.1

mix



121 122 123 124 125 126

fl

ob

cl

bn

tr

kbd

vl.l

mix

pp *p* *pp* *mf* *f* *pp* *mf* *ff* *pp* *mf* *pp*

mf *p* *f* *pp* *mf* *ff* *pp* *mf* *pp*

pp *mp* *f* *pp* *mf* *pp*

127 128 129 130 131 132

fl

ob

cl

bn

tr

kbd

mf pp *ff* *pp* *mp* *pp* *p*

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

f *pp* *mf* *f* *pp* *f ff* *pp* *p* *mf* *pp* *f pp*

fz *mf* *mf* *p*

senza sord.

p



133 134 135 136 137

fl *f*

ob *f* *mp* *f*

cl *f*

bcl *f*

bn *f*

hn *f*

tr *f*

tne *f*

perc *f*

kbd *f*

4

vi.1 *ppp* *ff* *p* *f*

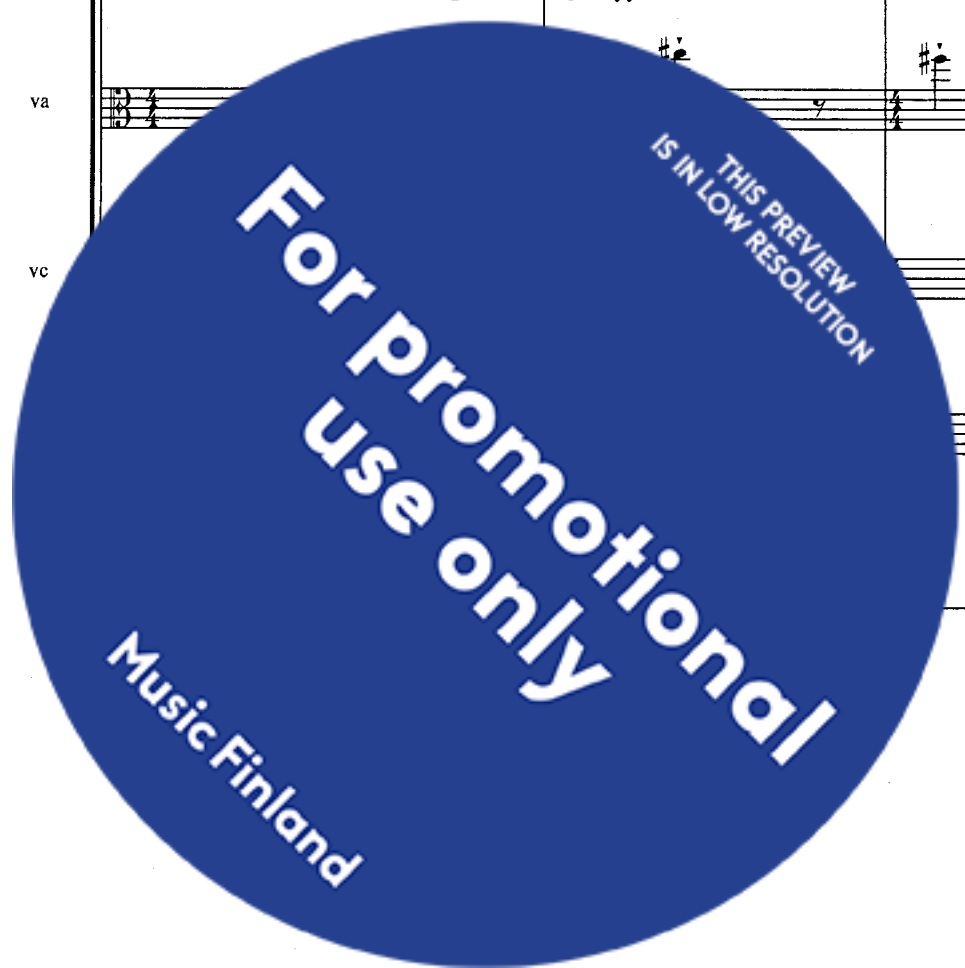
vi.2 *p* *ff* *p* *f*

va *f* *pp*

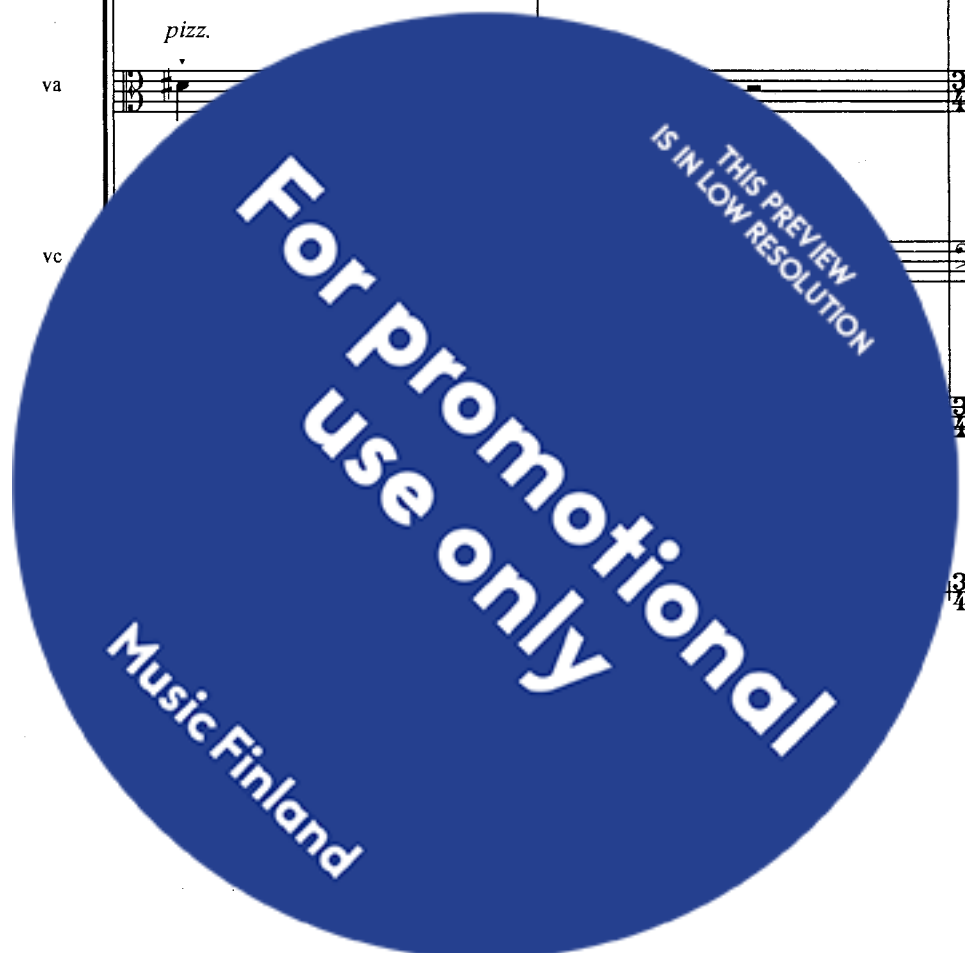
vc *f* *pp*

3 5 6 3 3 6 3

5 4



Musical score for orchestra and strings, measures 138-142. The score includes parts for Flute (fl), Oboe (ob), Clarinet (cl), Bass Clarinet (bcl), Bassoon (bn), Horn (hn), Trumpet (tr), Trombone (tne), Percussion (perc), Keyboard (kbd), Violin 1 (vl.1), Violin 2 (vl.2), Viola (va), and Violoncello (vc). The score features various musical notations such as triplets, sixteenth notes, and dynamic markings including *f*, *mp*, *p*, *ff*, and *pp*. Performance instructions like *pizz.* and *arco* are also present. Measure numbers 138, 139, 140, 141, and 142 are indicated at the top of the score.



143 144 145 146 147

fl *f* *p* *f* *p* *f*

ob *p* *f*

cl *p* *f* *p* *f* *pp*

bcl *f* *f*

bn *f* *f*

hn *cuivré* *ord.* *f* *f* *p* *f* *f* *p*

tr *f* *p* *f* *pp*

tne *cuivré* *ord.* *p* *f* *f*

perc

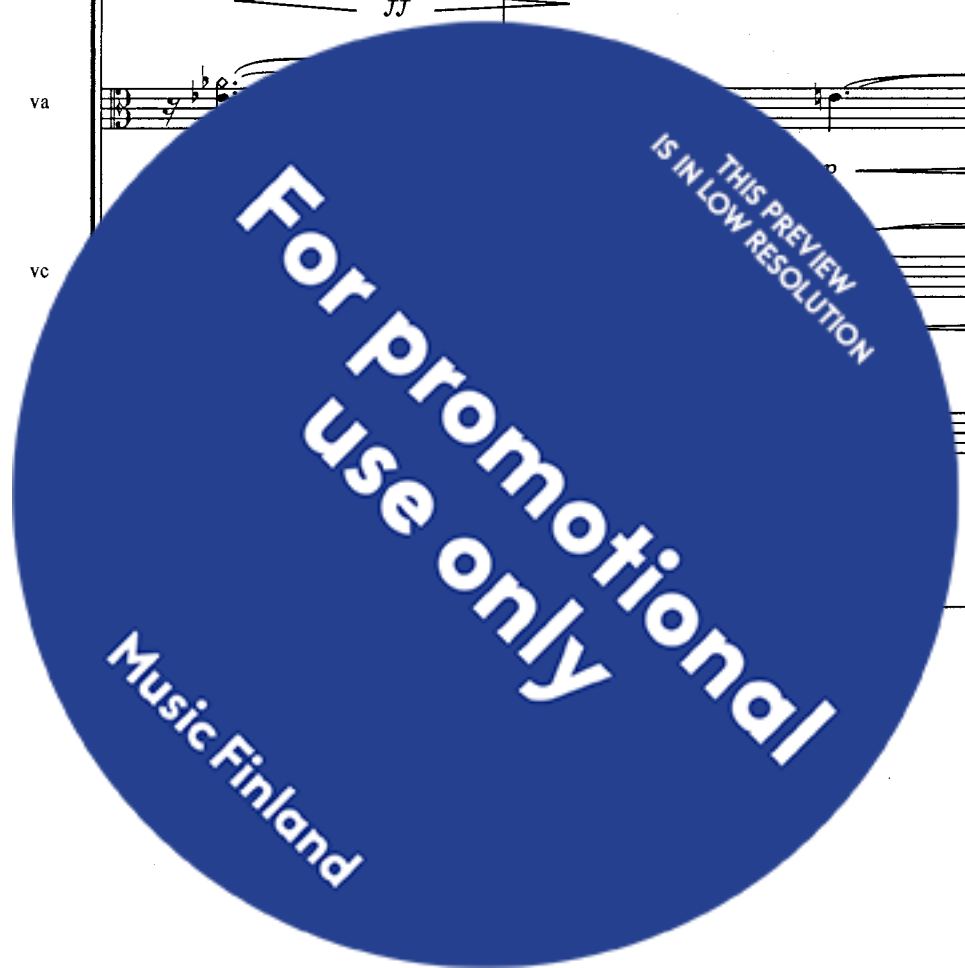
kbd

vl.1 *ff* *p* *f* *p* *f*

vl.2 *ff* *f* *pp*

va *f*

vc *f*



Musical score for orchestra and strings, measures 148-151. The score includes parts for fl (flute), ob (oboe), cl (clarinet), bcl (bassoon), bn (bassoon), hn (horn), tr (trumpet), tne (trombone), perc (percussion), kbd (keyboard), vl.1 (violin 1), vl.2 (violin 2), va (viola), and vc (cello). The score features various musical notations such as dynamics (p, f, ff), articulation (accents), and phrasing (brackets). Measure numbers 148, 149, 150, and 151 are indicated at the top of the staves. The time signature changes from 3/8 to 6/16 and then to 2/4. A large blue watermark is overlaid on the bottom left of the page.

THIS PREVIEW IS IN LOW RESOLUTION

For promotional use only

Music Finland

152 153 154 155 156

fl

ob
f

cl

bcl

bn

hn

tr

tnc

perc

kbd

vi.1
f

vi.2
f

va
f

vc
f

Musical score for measures 152-156, featuring multiple woodwind and string parts with various articulations and dynamics.

For promotional use only

THIS PREVIEW IS IN LOW RESOLUTION

Music Finland

SA 3/4

SY 4/4

157 158 159 160

fl *p* *f* *f* *p* *pp*

ob *f* *f* *mf* *p*

cl *f* *pp* *f* *p* *mf*

bcl *f* *pp* *f* *pp* *p* *mf*

bn *f* *pp* *f*

hn *f* *f* *pp* *f*

tr *f*

tne *f* *f* *sf*

perc *f*

kbd *p* *f* *p*

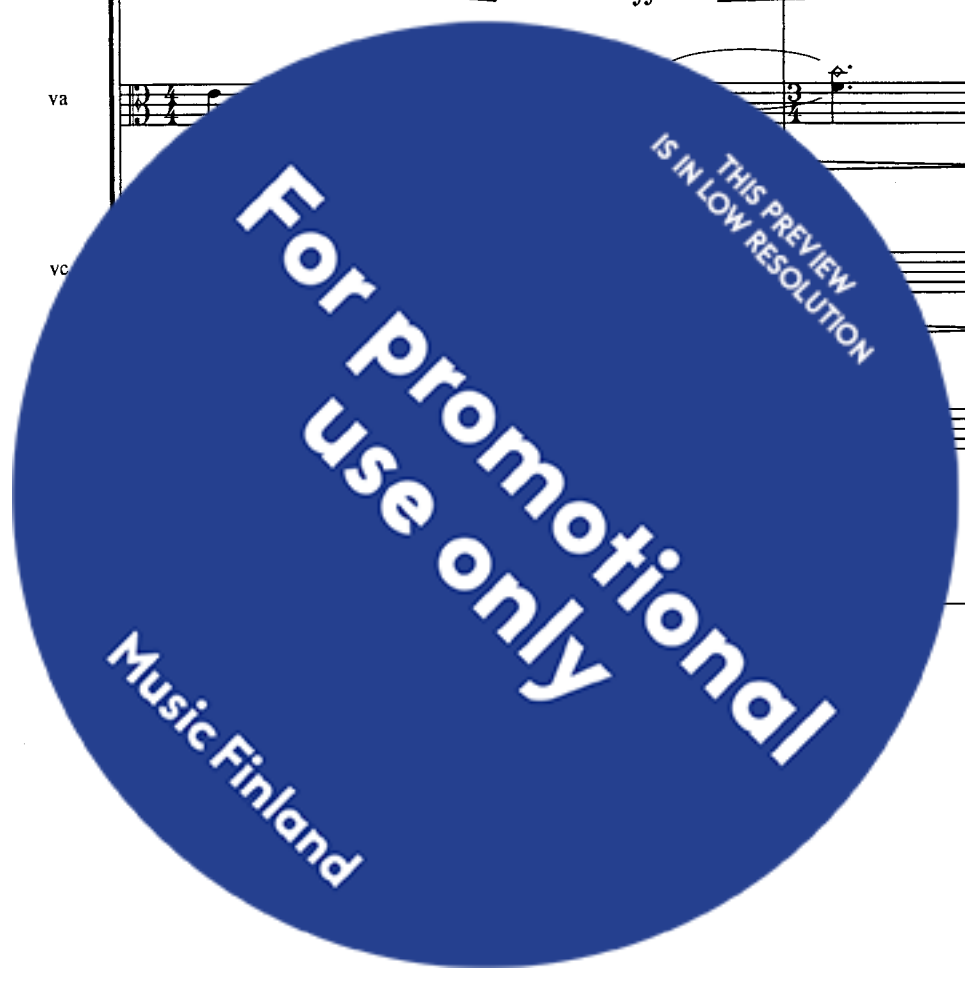
vi.1 *ff* *p* *mf* *mp* *p*

vi.2 *ff*

va

vc

SY



161 162 163 164

fl *mp cresc.* *f*

cl *p*

perc **sampler**

kbd *ppp cresc. p. a p.*

5:6 3

vi.1 *s.p.* *pp cresc. p. a p.*

vi.2 *s.p.* *pp cresc. p. a p.*

mix **SA slow fade-in**

7 8

165 166 167 168

fl

cl

perc

kbd *(f) dim.*

6 3 3

vi.1 *dim.*

vi.2 *dim.*

SA dim. at "p" (3 bars)



fl 169 170 171 172

cl

perc

kbd

vi.1

vi.2

mix

(p)

fl 173 174 175 176

cl

perc

kbd

vi.1

vi.2

mix

dim. p. a p.

(mf)

fl 177 178 179

cl

perc

kbd

vi.1

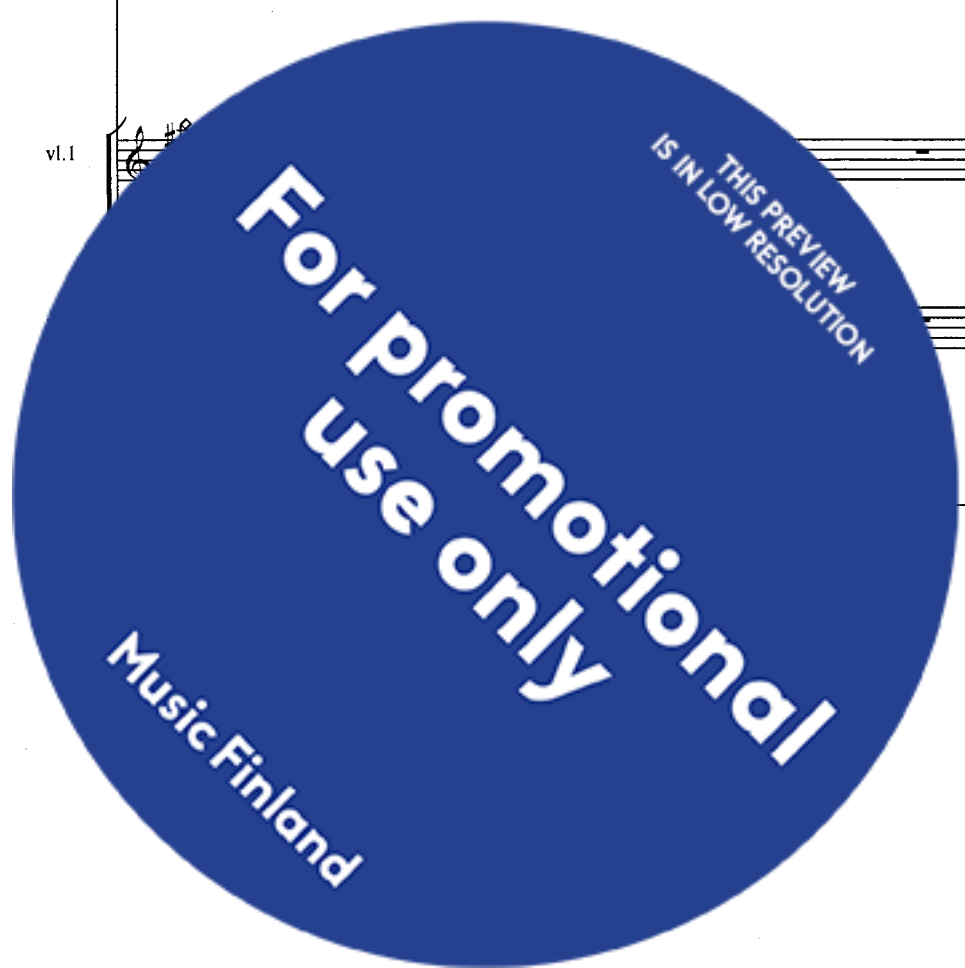
vi.2

mix

(8va ad lib.)

ord.

pp cresc. p. a p.



fl 177 (mp) 5 178 (p) 3 179 (pp) 6 3 180 (ppp) 3

cl

perc

kbd (p) 5 cresc. p. a p. 6 3 3

vl.1 5 6 3 3

vl.2

mix SA cresc. al "f" (9 bars)

fl 181 (dim. al niente) 182 183 184 (mime only, no sound) 3 185 5:6

cl

perc

kbd 5:6 3

vl.1 3 5:6

vl.2



186 187 188 189

fl (ord.) *f* *f*

ob *f*

cl *f*

bcl *f*

bn *f*

hn *f*

tr *f*

tne *f*

perc marimba *f*

kbd *f*

vl.1 *f* (loco) *ord.*

vl.2 *f* *ord.*

va

vc *arco*

188 189



190 191 192

fl

ob

cl

bcl

bn

hrt

tr

tnc

perc

kbd

vl.1

vl.2

va

vc

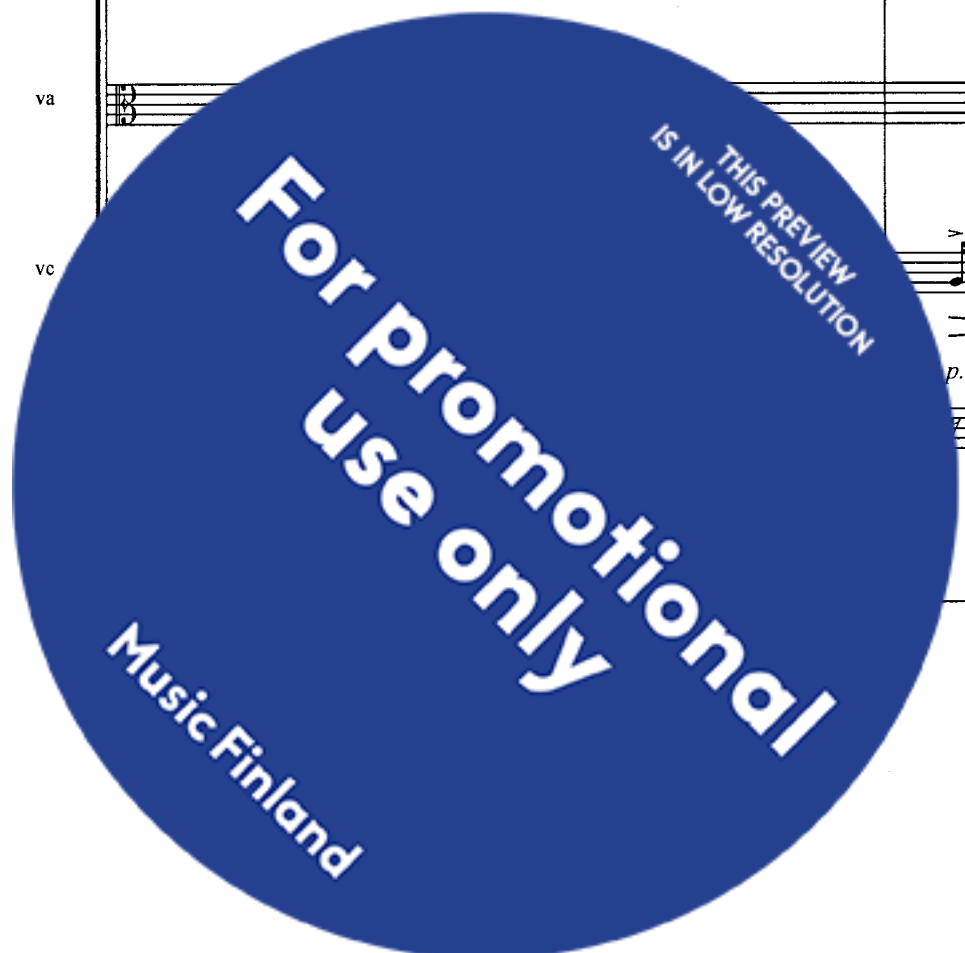
(ossia f#)

8va

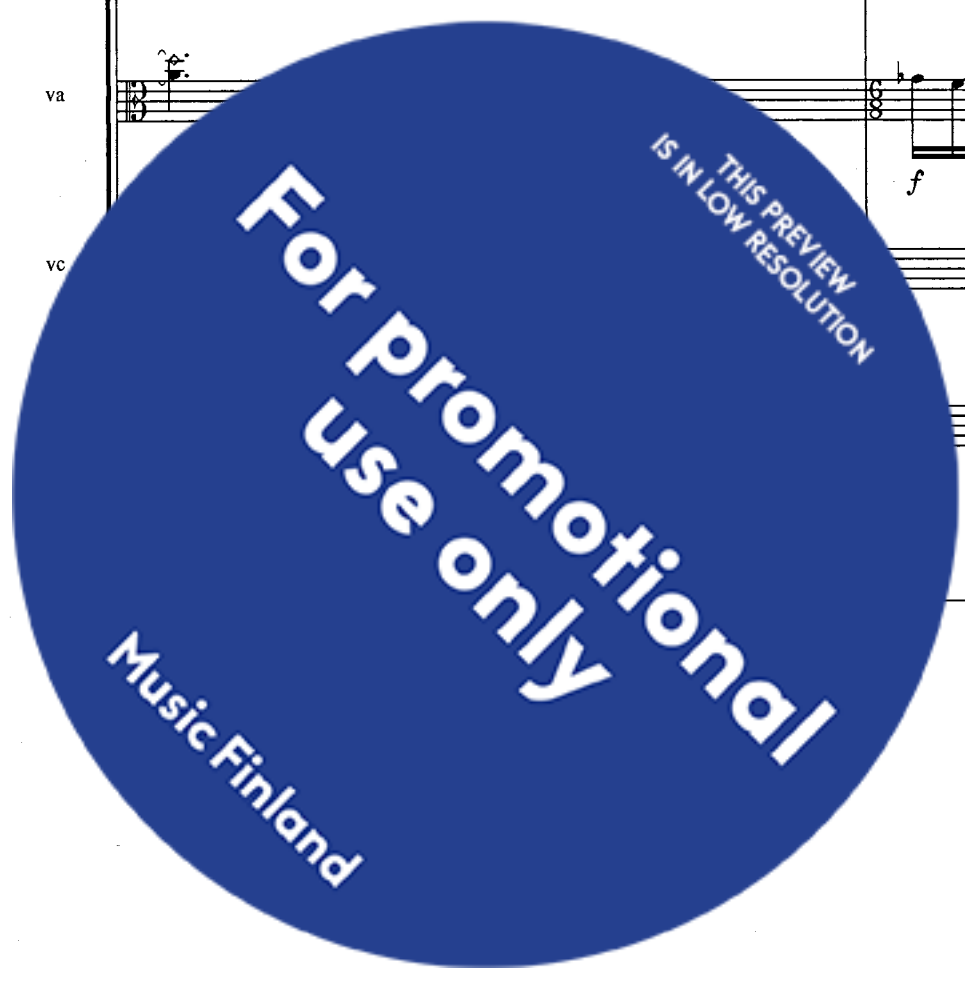
f

ff

p



Musical score for orchestra and piano, measures 193-196. The score includes parts for flute (fl), oboe (ob), clarinet (cl), bassoon (bcl), bassoon (bn), horn (hn), trumpet (tr), trombone (tne), percussion (perc), keyboard (kbd), violin 1 (vl.1), violin 2 (vl.2), viola (va), and cello (vc). The score features various musical notations such as dynamics (f, pp, sf, ff), articulation (accents), and performance instructions (trills, slurs). The tempo markings are $\text{♩} = 30$ and $\text{♩} = 120$. The key signature is one flat (B-flat). The score is divided into four measures: 193, 194, 195, and 196. Measure 193 starts with a flute part marked *f* and a piano part marked *f*. Measure 194 continues the flute and piano parts, with the piano part marked *f*. Measure 195 features a change in tempo to $\text{♩} = 30$ and includes a clarinet part marked *pp* and a horn part marked *f*. Measure 196 features a change in tempo to $\text{♩} = 120$ and includes a flute part marked *f* and a piano part marked *f*.



197 198 199 200

fl *f*

ob *f* *pp*

cl *pp* *f*

bcl

bn *f*

hn

tr *f* *pp* 6:4

tne *f*

perc *f*

kbd *f* *loco*

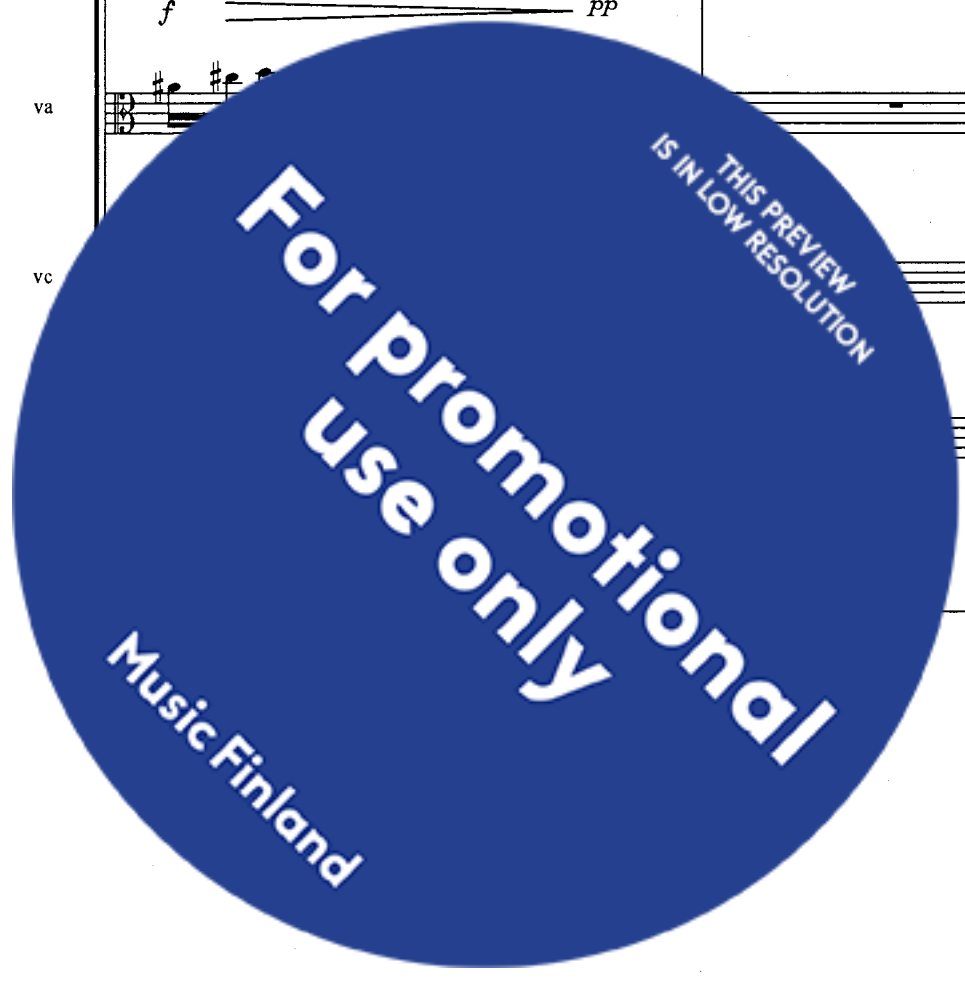
vl.1 *f* *p* *f*

vl.2 *f* *pp*

va *f*

vc *s.p.* *f* *s.p.* *f*

4 8 12



201 202 203

fl

ob

cl

bcl

bn

hn

tr

tne

perc

kbd

vi.1

vi.2

va

vc

ff

ff

ff

ff

ff

ff

ff

ff

Detailed description: This is a page of a musical score, page 34, covering measures 201, 202, and 203. The score is written for a large ensemble including flute (fl), oboe (ob), clarinet (cl), bass clarinet (bcl), bassoon (bn), horn (hn), trumpet (tr), trombone (tne), percussion (perc), keyboard (kbd), violin 1 (vi.1), violin 2 (vi.2), viola (va), and violoncello (vc). The key signature has one sharp (F#) and the time signature is 3/4. Measures 201 and 202 feature complex rhythmic patterns with many triplets. Measure 203 continues these patterns. The woodwinds and keyboard parts are highly active with triplets. The string parts (vi.1, vi.2, va, vc) have a more sustained, harmonic role, with some parts marked with a forte (*ff*) dynamic. A large blue watermark is overlaid on the bottom left of the page, containing the text: "For promotional use only", "THIS PREVIEW IS IN LOW RESOLUTION", and "Music Finland".

For promotional use only

THIS PREVIEW IS IN LOW RESOLUTION

Music Finland

♩=20

204 205 206

ff ff ff ff ff

p p p

ff ff ff

p ff p

ff ff p

ff ff p

ff ff p

ff ff p

ff ff p

♩=20

perc

5

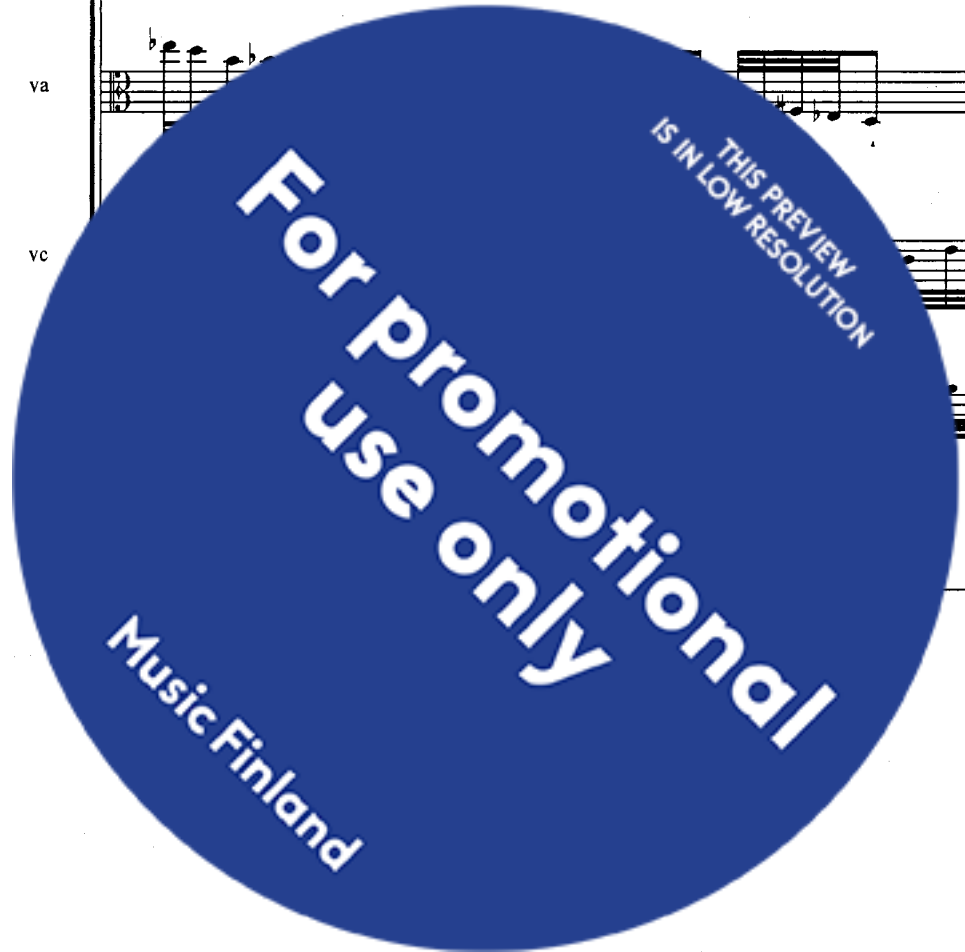
kbd

sempre gliss/portamento,
con vibrati molto lenti

ff ff ff ff ff ff

p p

add reverb. "molto"
+ delay ca. 2" (back speakers)



207 208 209 210

fl *< ff*

ob *< ff*

cl *< ff*

bcl *< ff* *p* *f* *< ff*

bn *< ff* *< ff*

hn *< ff* *< ff*

tr *< ff* *< ff*

tne *< ff* *< ff*

perc

kbd

vi.1 *< ff* *< ff*

vi.2 *< ff* *< ff*

va *< ff*

vc *< ff* *< ff*

THIS PREVIEW IS IN LOW RESOLUTION

For promotional use only

Music Finland

211 212 213 214

fl

ob

cl

bcl

bn

hn

tr

tne

perc

kbd

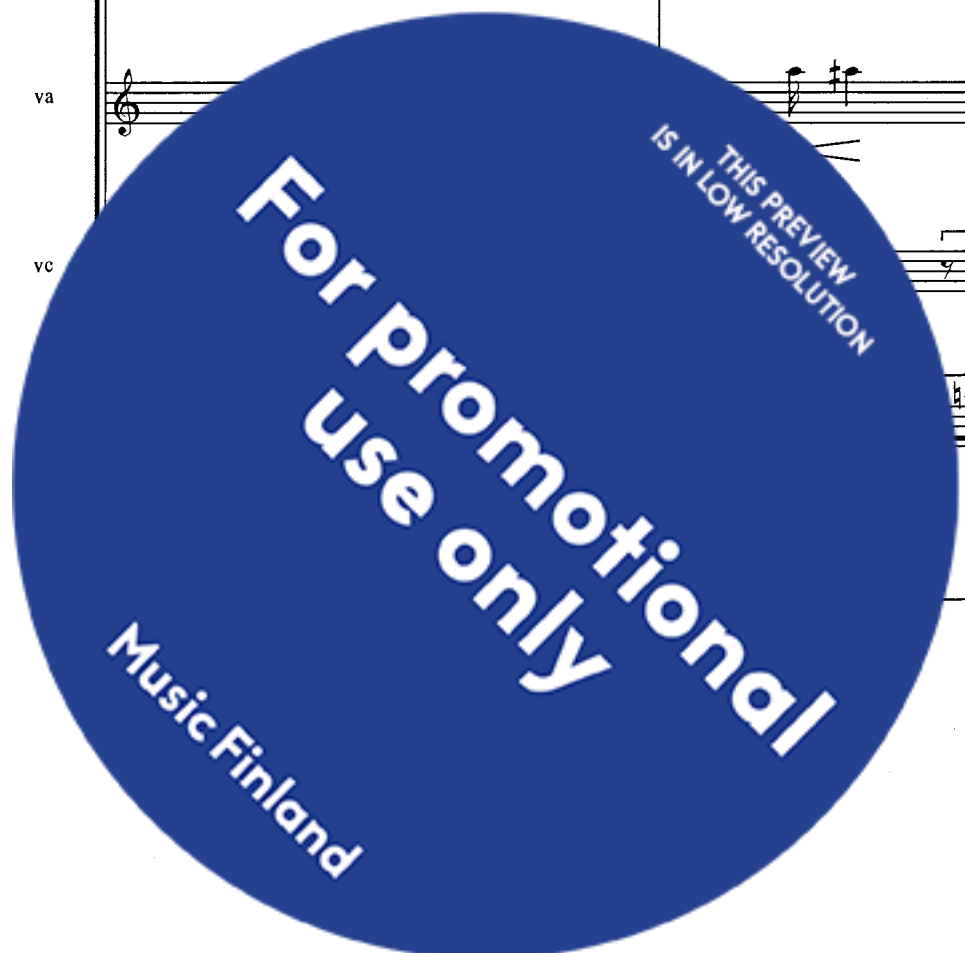
vi.1

vi.2

va

vc

Detailed description of the musical score: This page contains measures 211 through 214 of a musical score. The instruments listed on the left are flute (fl), oboe (ob), clarinet (cl), bassoon (bcl), baritone saxophone (bn), horn (hn), trumpet (tr), trombone (tne), percussion (perc), keyboard (kbd), violin 1 (vi.1), violin 2 (vi.2), viola (va), and violoncello (vc). The score is written in a key signature of one sharp (F#) and a common time signature (C). Measures 211 and 212 show the beginning of a melodic phrase in the woodwinds and strings. Measure 213 features a prominent 'ff' (fortissimo) dynamic marking in the violin 1 part, along with a triplet of eighth notes. Measure 214 concludes the phrase with a final note in the violin 1 part. The woodwinds and strings continue with their respective parts throughout the measures. The percussion and keyboard parts are currently blank.



♩ = 90

Musical score for measures 215-217. The score includes parts for flute (fl), oboe (ob), clarinet (cl), bassoon (bcl), bassoon (bn), horn (hn), trumpet (tr), trombone (tne), percussion (perc), keyboard (kbd), violin 1 (vl.1), violin 2 (vl.2), viola (va), and voice (vc). Measures 215 and 216 show various woodwind and string entries with dynamic markings like *ff* and performance instructions like *delay off*. Measure 217 features a prominent brass and woodwind section with *ff* dynamics. The tempo is marked as ♩ = 90.



delay off

218 219 220

fl
ob
cl
kbd
vl.1
vl.2
mix

f 3

221 222 223 224

fl
ob
cl
kbd
vl.1
vl.2

f *p* 3 6



225 226 227

fl *p* *ff* *pp* *ff* *pp* *ff* *pp* (simile)

ob *pp* *ff* *pp* *ff* *pp* *ff* *pp* (simile)

cl *pp* *ff* *pp* *ff* *pp* *ff* (simile)

bcl *p* *sf*

bn

hn *pp* *sf*

tpt *con sord.* (ossias in parenthesis) *f*

tn *pp* *sf*

vibraphone

pc *pp* *ff* *pp* *ff* *pp* *ff* (simile) *pp* *ff* (simile)

kbd *pp* *ff* *pp* *ff* *pp* *ff* (simile)

v1 *ff* *pp* *ff* *pp* *ff* *pp* *ff* *pp* (simile)

v2 (bars 226-262 optional) *f* *pp* *f*

va *sf*

7
8
delay off (reverb. remains)
start spatialisation
(accel...rall.)



228 229 230 231

fl

ob

cl

tpt

pc

kbd

vi1

vi2

This block contains the musical notation for measures 228 through 231. It features eight staves: flute (fl), oboe (ob), clarinet (cl), trumpet (tpt), piano (pc), keyboard (kbd), violin 1 (vi1), and violin 2 (vi2). The piano part includes dynamic markings such as *pp* and **pp*. The notation includes various note values, rests, and articulation marks.

232 233 234 235

fl

ob

cl

tpt

pc

kbd

vi1

vi2

This block contains the musical notation for measures 232 through 235. It features the same eight staves as the previous block. The piano part includes dynamic markings such as **pp*. The notation includes various note values, rests, and articulation marks.



236 237 238 239

fl
ob
cl
tpt
pc
kbd
v1
v2

La. * La. * La. * La. * La. * La. * La. * La. *

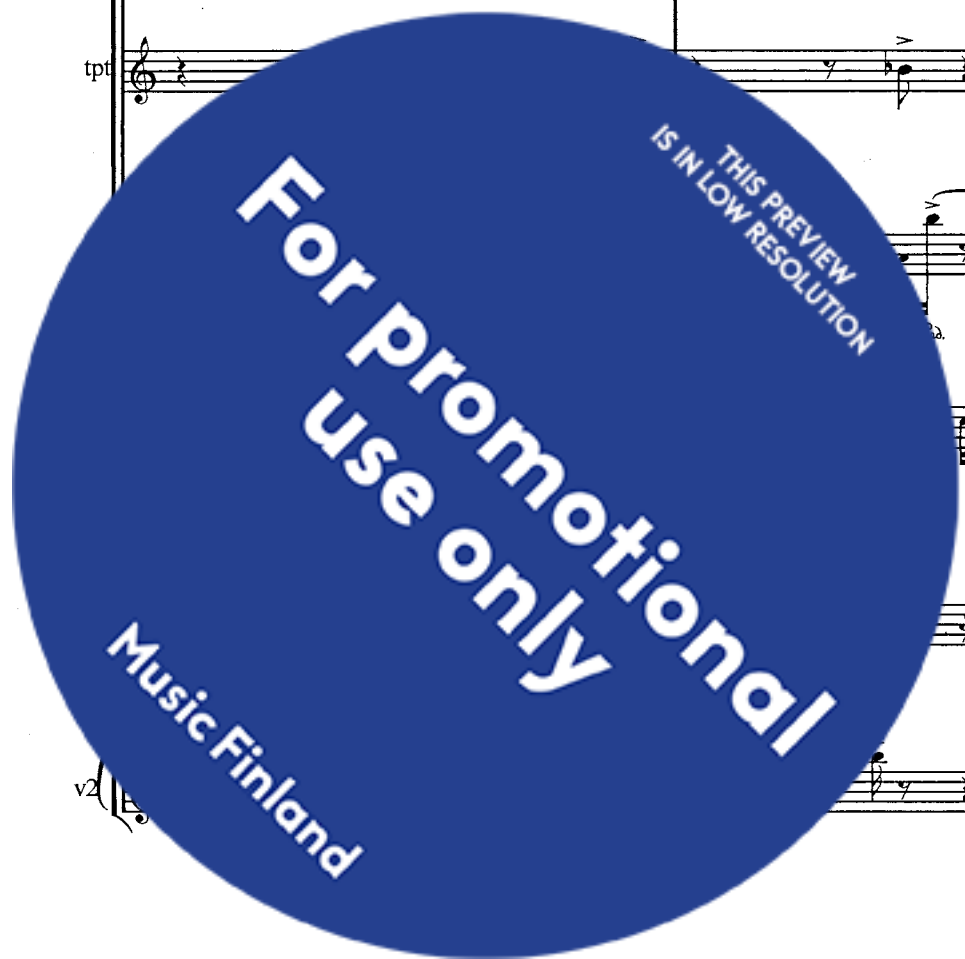
Detailed description: This block contains the musical score for measures 236 through 239. It features eight staves: flute (fl), oboe (ob), clarinet (cl), trumpet (tpt), piano (pc), keyboard (kbd), violin 1 (v1), and violin 2 (v2). The flute, oboe, and clarinet parts have a melodic line with slurs and accents. The piano part has a rhythmic accompaniment with slurs. The keyboard part has a similar rhythmic accompaniment. The violin parts have a rhythmic accompaniment. The percussion part has a rhythmic accompaniment with slurs. The measure numbers 236, 237, 238, and 239 are indicated at the top of each measure.

240 241 242 243

fl
ob
cl
tpt
pc
kbd
v1
v2

* La. * La. * La. * La. *

Detailed description: This block contains the musical score for measures 240 through 243. It features the same eight staves as the previous block. The flute, oboe, and clarinet parts have a melodic line with slurs and accents. The piano part has a rhythmic accompaniment with slurs. The keyboard part has a similar rhythmic accompaniment. The violin parts have a rhythmic accompaniment. The percussion part has a rhythmic accompaniment with slurs. The measure numbers 240, 241, 242, and 243 are indicated at the top of each measure.



244 245 246 247

fl

ob

cl

tp

pc

kbd

vl

v2

La * La * La * La * La * La * La *

248 249 250 251

fl

ob

cl

tp

pc

kbd

vl

v2

* La * La * La * La *



252 253 254 255

fl

ob

cl

tp

pc

kbd

v1

v2

Pa *Pa *Pa *Pa *Pa *Pa *Pa *Pa *

256 257 258 259

fl

ob

cl

tp

pc

kbd

v1

v2

*Pa *Pa *Pa *Pa *



rallentandi e diminuendi individuali

260 261 262 263

fl

ob

cl

bcl

bn

hn

tpt

trn

pc

kbd

v1

v2

va

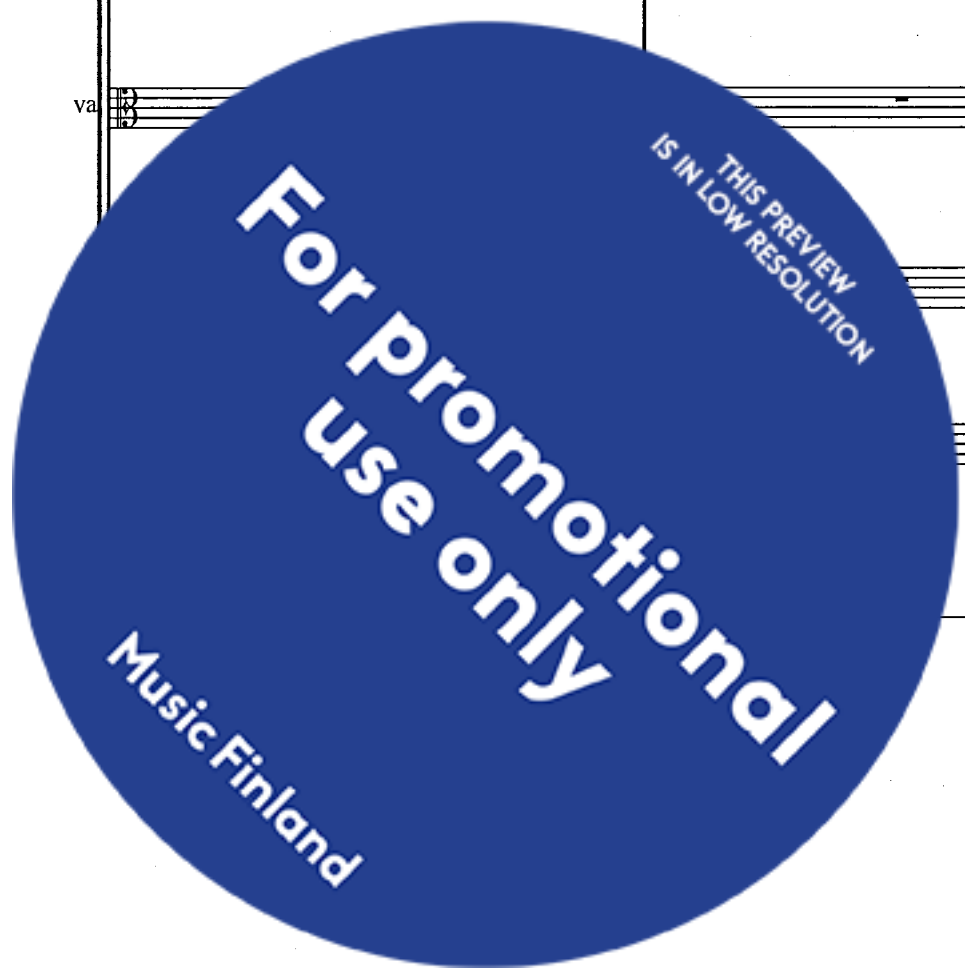
pp

legato

Ra * Ra * Ra * Ra * Ra

reverb. slowly off
 (spatialisation ends in front)
 (SA also in front)

3/4 4/4



♩=20

264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279

fl [m- u- o- a-] f mf [u- a- o- um-] f mf

ob [m- u- o- a-] f mf [u- a- o- um-] f mf

cl [m- u- o- a-] f mf [u- a- o- um-] f mf

bcl (z) [m- u- o- a-] f mf [u- a- o- um-] f mf

bn (z) [m- u- o- a-] f mf [u- a- o- um-] f mf

hn [m- u- o- a-] f mf [u- a- o- um-] f mf

tpt [m- u- o- a-] *senza sord.* f mf [u- a- o- um-] f mf

tn (z) [m- u- o- a-] f mf [u- a- o- um-] f mf

pc voice: [m- u- o- a-] f [u- a- o- um-] f
 sampler: (6) (mf) () sampler: ()

kbd [m- u- o- a-] f [u- a- o- um-] f

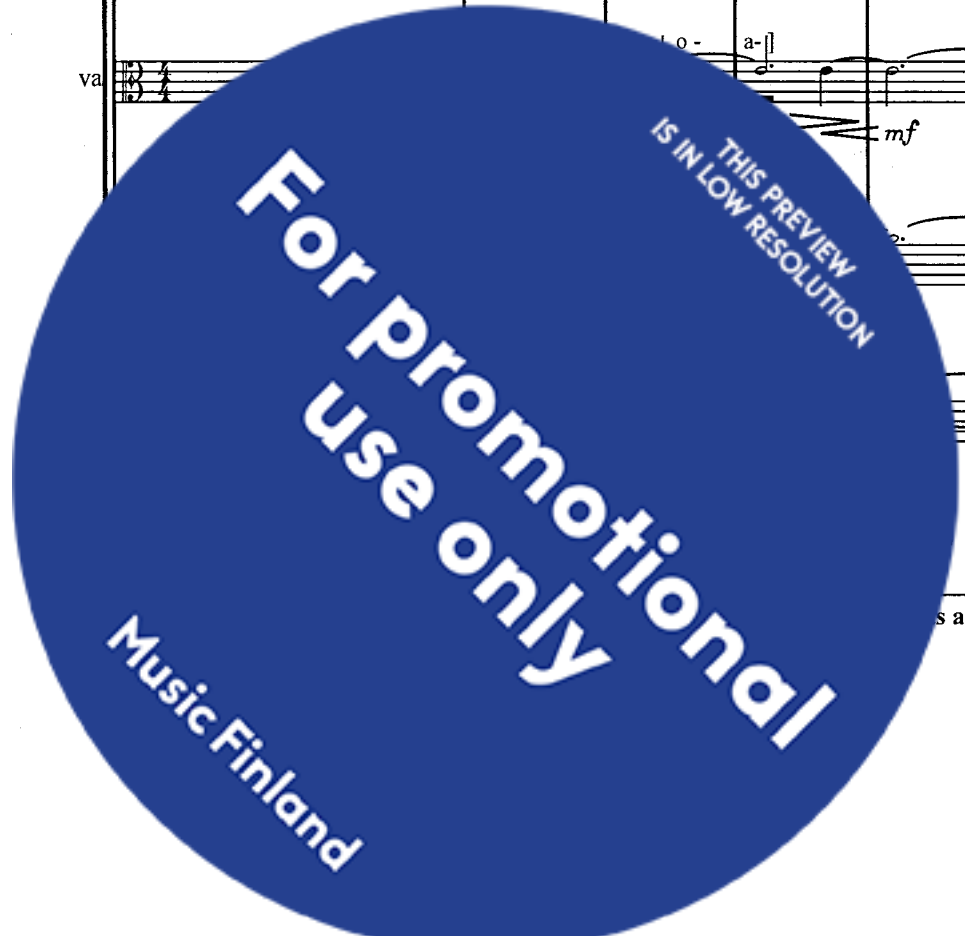
v1 [m- u- o- a-] p f mf [u- a- o- um-] f mf

v2 [m- u- o- a-] p f mf [u- a- o- um-] f mf

va [m- u- o- a-] f mf [u- a- o- um-] f mf

(z) (fade-out) (fade-in)

(s already in the samples)



THIS PREVIEW IS IN LOW RESOLUTION

For promotional use only

Music Finland

fi 280 281 282 283 284 285

$\text{♩}=30$ $\text{♩}=120$

f *(legato)* *ff*

ob *f* *(legato)* *ff*

cl *f (legato)* *ff*

bcl *f (legato)* *ff*

bn *f (legato)* *ff*

hn *f (legato)* *ff*

tpt *f (legato)* *ff*

tn *f (legato)* *ff*

pc $\text{♩}=30$ $\text{♩}=120$ *sampler* *ff*

kbd ⑦ *ff*

v1 *f* *(legato)* *ff*

v2 *f* *(legato)* *ff*

va *f* *(legato)* *ff*



286

287

288

289

290

Musical score for orchestra and strings, measures 286-290. The score includes parts for Flute (fl), Oboe (ob), Clarinet (cl), Bass Clarinet (bcl), Bassoon (bn), Horn (hn), Trumpet (tr), Trombone (tne), Percussion (perc), Keyboard (kbd), Violin I (vl.1), Violin II (vl.2), Viola (va), and Violoncello (vc). The music features various dynamics such as *f*, *ff*, and *p*, and includes complex rhythmic patterns with triplets, quintuplets, and sextuplets.



291 292 293 294 295

fl *mf* *f*

ob *f*

cl *mf* *f*

bcl *f*

bn *p* *f*

hn *f*

tr *p* *f* 6:4 *f* *p*

tne *mp* *f* *p* *f*

perc marimba *f*

kbd *f*

vi.1 *p* *f* *pp* *ff*

vi.2 *p* *f* *pp* *ff*

va *ff*

vc *ff*



296 297 298 299 300 301

fl

ob

cl

bcl

bn

hn

tp

tr

pc

kbd

v1

v2

va

f *pp*

6:4

f *pp*

p *f*

f *f* *f*

mp *f*

8va

ord.

ord.

f

f

f

f

f



302 303 304 305 306

fl
ob
cl
bcl
bn
hn
tr
tne
perc
kbd
vl.1
vl.2
va
vc

f, *ff*, *pp*, *vibr. molto*, *s.p.*, *ord.*

The image shows a page of a musical score for measures 302 through 306. The instruments listed on the left are flute (fl), oboe (ob), clarinet (cl), bass clarinet (bcl), bassoon (bn), horn (hn), trumpet (tr), trombone (tne), percussion (perc), keyboard (kbd), violin 1 (vl.1), violin 2 (vl.2), viola (va), and violoncello (vc). The score includes various musical notations such as triplets, sixths, and dynamic markings like *f* (forte), *ff* (fortissimo), *pp* (pianissimo), and *vibr. molto* (vibrato molto). There are also performance instructions like *s.p.* (sotto voce) and *ord.* (ordinario). A large blue watermark is overlaid on the bottom left of the page.

THIS PREVIEW IS IN LOW RESOLUTION

For promotional use only

Music Finland

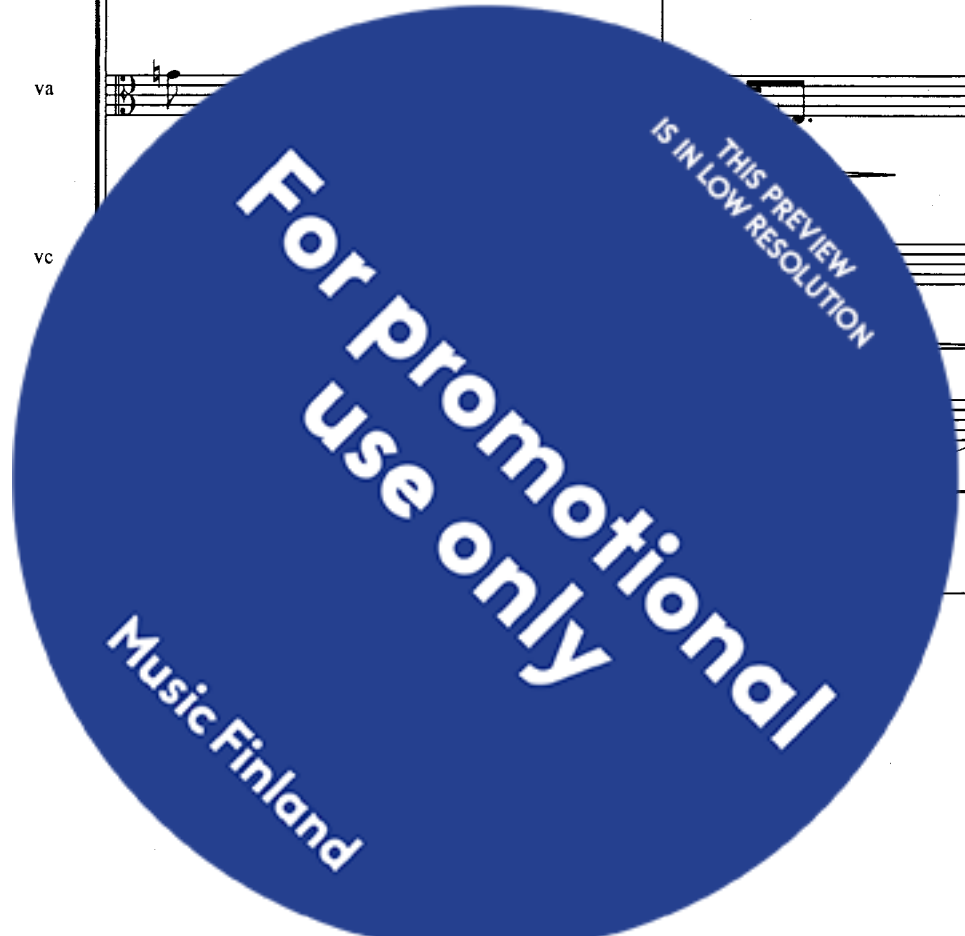
Musical score for orchestra and strings, measures 307-311. The score includes parts for flute (fl), oboe (ob), clarinet (cl), bassoon (bcl), bassoon (bn), horn (hn), trumpet (tr), trombone (tne), percussion (perc), keyboard (kbd), violin 1 (vl.1), violin 2 (vl.2), viola (va), and cello (vc). The score features various musical notations such as dynamics (f, ff), articulation (>), and fingerings (6, 3, 5). The time signature changes from 2/4 to 3/4 between measures 309 and 310. A large blue watermark is overlaid on the bottom left of the page.

THIS PREVIEW IS IN LOW RESOLUTION

For promotional use only

Music Finland

This page contains the musical score for measures 312 to 315. The instruments listed on the left are: fl (flute), ob (oboe), cl (clarinet), bcl (bassoon), bn (bassoon), hn (horn), tr (trumpet), tnc (trombone), perc (percussion), kbd (keyboard), vl.1 (violin 1), vl.2 (violin 2), va (viola), and vc (cello). The score is written in 3/4 time with a tempo of quarter note = 30. Measure numbers 312, 313, 314, and 315 are indicated at the top of their respective systems. The music features various dynamics including *sf*, *f*, *pp*, *fff*, and *p*. There are numerous slurs, accents, and fingerings (e.g., 6, 3, 5, 6) throughout. The percussion part is mostly rests, with a few notes in measure 315. The keyboard part has a few notes in measures 313 and 315. The string parts have various dynamics and phrasing.



$\text{♩} = 120$

316 317 318 319 320

fl *f*

ob *f*

cl *f*

bcl *f*

bn *f* $\text{f} > \text{pp}$ *f*

hn *p* f *f* pp *f*

tr *f*

tne *f* *p* f *pp* *f*

$\text{♩} = 120$

perc

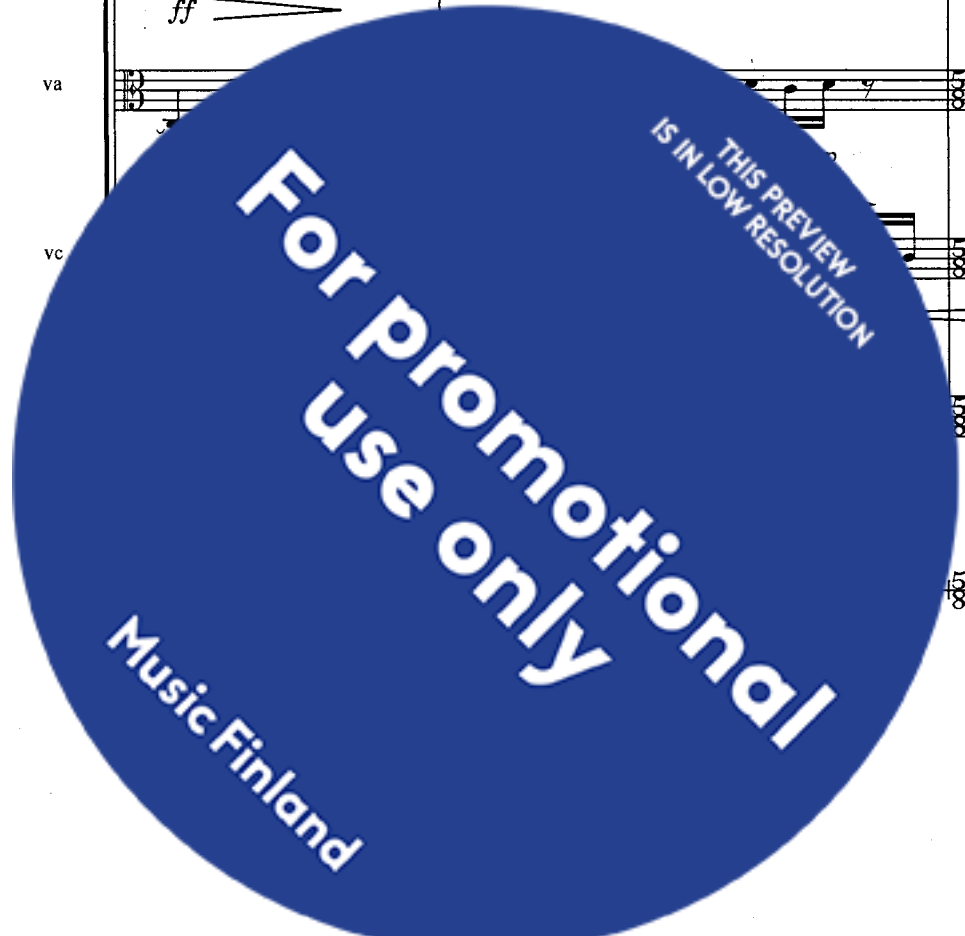
kbd *8va*

vl.1 *ff*

vl.2 *ff*

va *f*

vc *f*



Musical score for page 55, measures 321-325. The score is written for a large ensemble including:

- Flutes (fl):** Measures 321-325, featuring complex rhythmic patterns and trills.
- Oboes (ob):** Measures 321-325, mirroring the flute parts.
- Clarinets (cl):** Measures 321-325, playing sixteenth-note passages with slurs and accents.
- Bassoons (bcl):** Measures 321-325, playing similar sixteenth-note patterns.
- Bassoons (bn):** Measures 321-325, playing rhythmic accompaniment.
- Horns (hn):** Measures 321-325, playing sustained notes with accents.
- Trumpets (tr):** Measures 321-325, playing sustained notes.
- Trombones (tne):** Measures 321-325, playing sustained notes.
- Percussion (perc):** Measures 321-325, mostly silent.
- Keyboard (kbd):** Measures 321-325, mostly silent.
- Violin 1 (vl.1):** Measures 321-325, playing sustained notes with *ff* dynamics and accents.
- Violin 2 (vl.2):** Measures 321-325, playing sustained notes.
- Viola (va):** Measures 321-325, mostly silent.
- Cello (vc):** Measures 321-325, mostly silent.



326 327 328 329 330

fl *ff* *f*

ob *ff* *sf* *f*

cl *ff* *pp* *f*

bcl *ff* *f*

bn *ff* *f*

hn *ff* *f* *f*

tr *ff* *pp* *f* *p* *f*

tne *ff* *sf* *pp* *f*

perc

kbd

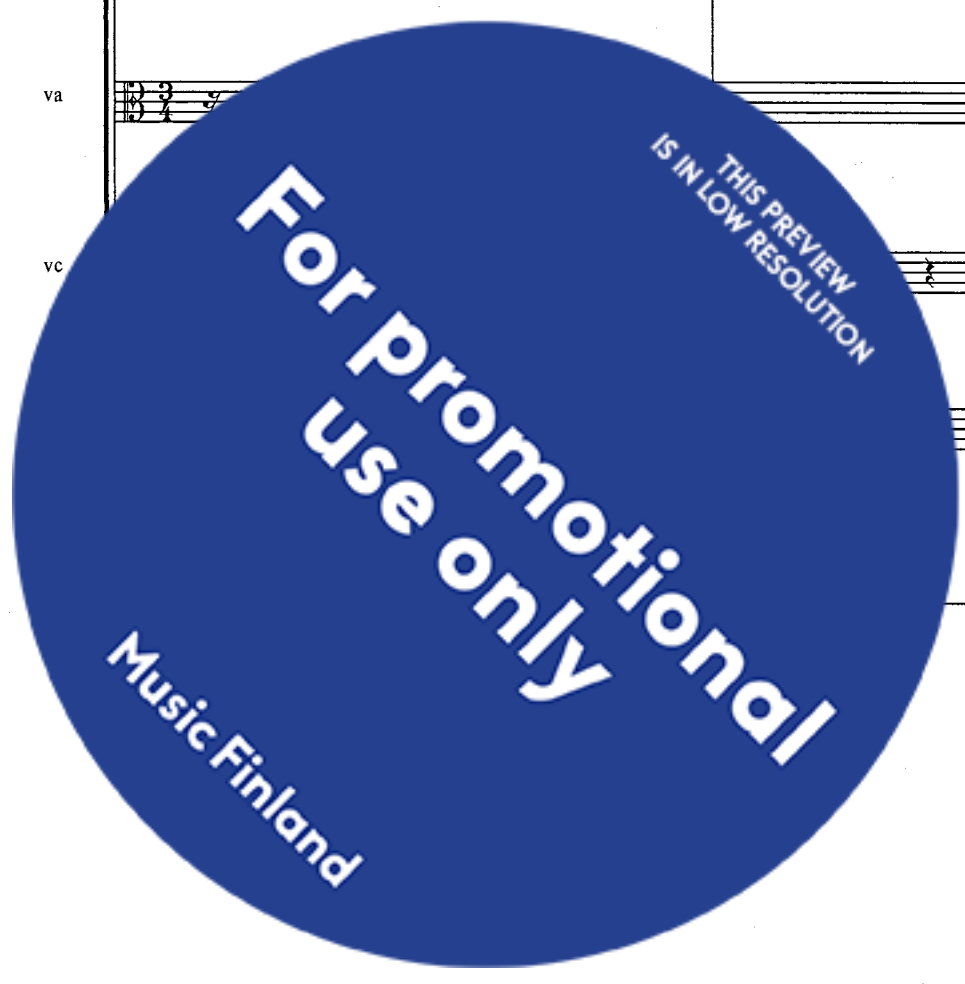
vl.1 *f* *pp* *ff*

vl.2 *ff* *pp* *ff*

va *pp* *ff*

vc *f* *pp* *ff*

♩=30 ♩=120



THIS PREVIEW
IS IN LOW RESOLUTION

For promotional
use only

Music Finland

Musical score page 57, measures 331-334. Instruments include fl, ob, cl, bcl, bn, hn, tr, tne, perc, kbd, vl.1, vl.2, va, vc.

Measures 331-334 are marked with measure numbers above the staff. The score includes various musical notations such as triplets, sixteenth notes, and dynamic markings like *f*, *pp*, and *ff*. A 6:4 ratio is indicated above the horn part in measure 331.

Measure numbers 331, 332, 333, 334 are visible at the top of the page.

Dynamic markings include *f*, *pp*, and *ff*.

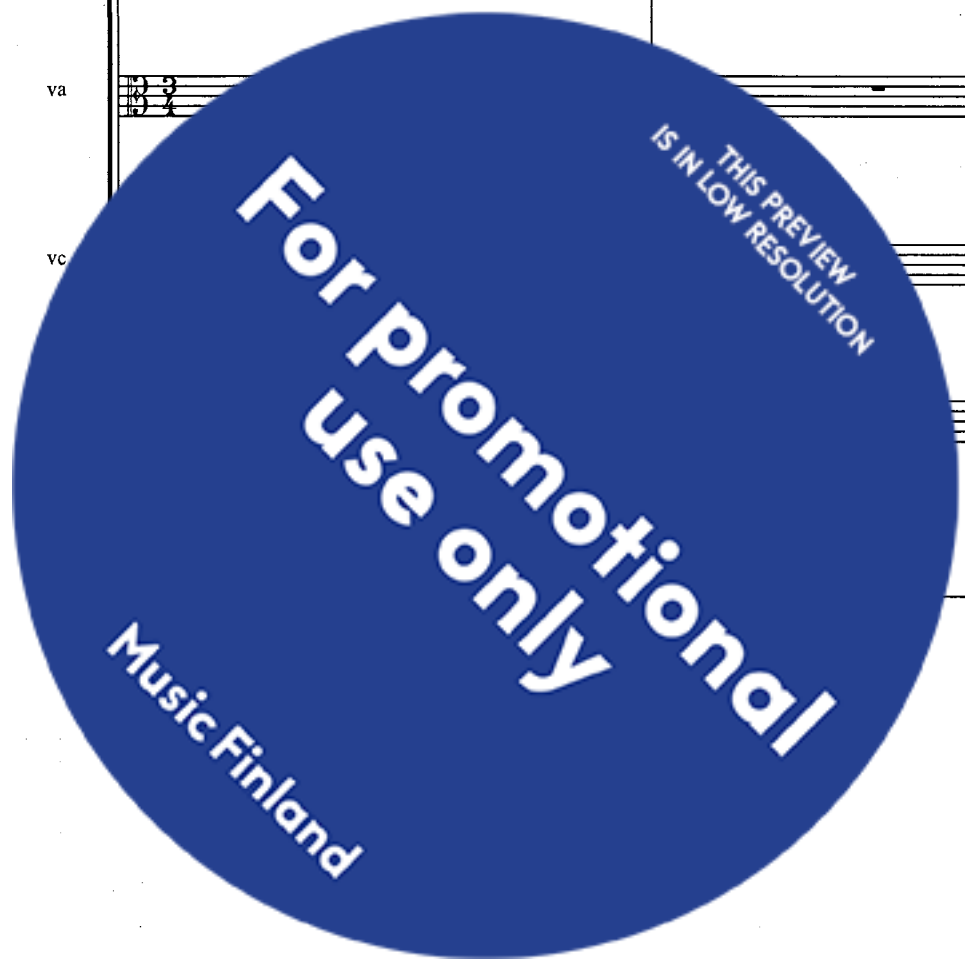
Instrument abbreviations include fl, ob, cl, bcl, bn, hn, tr, tne, perc, kbd, vl.1, vl.2, va, vc.

THIS PREVIEW IS IN LOW RESOLUTION

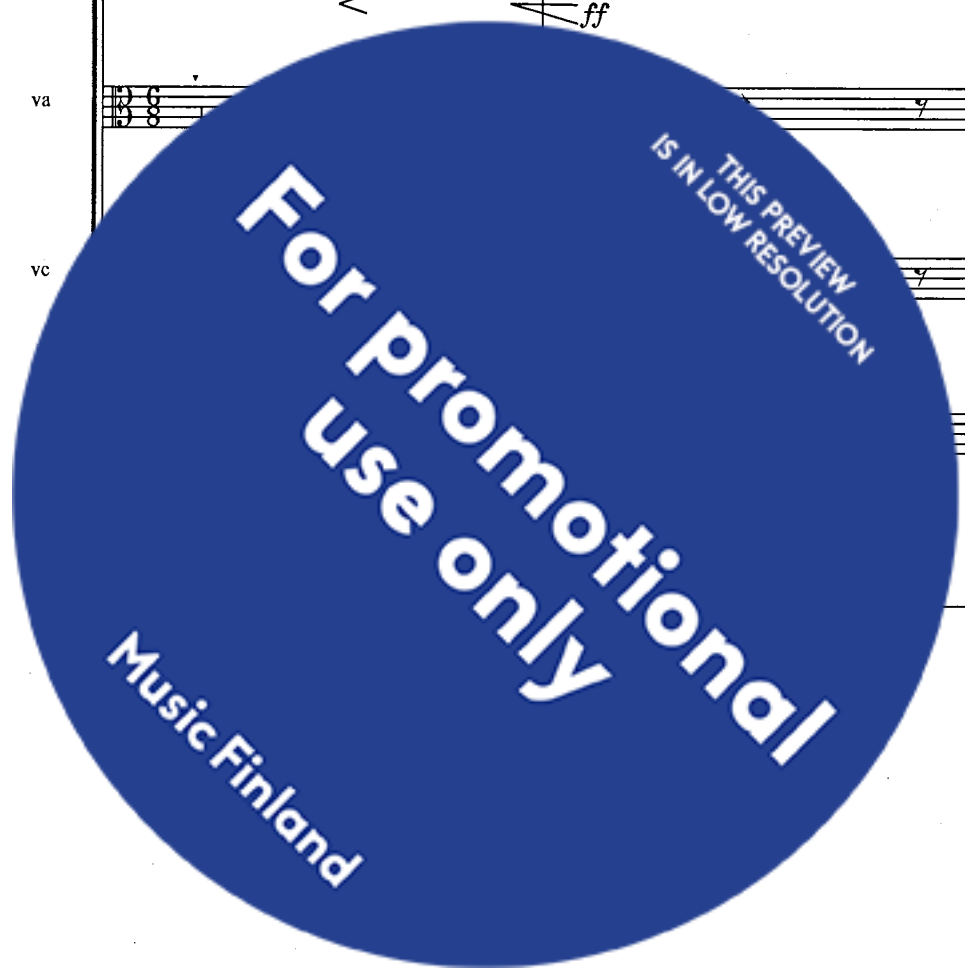
For promotional use only

Music Finland

Musical score for orchestral instruments. The score is divided into measures 335, 336, 337, 338, and 339. The instruments listed are fl (flute), ob (oboe), cl (clarinet), bcl (bass clarinet), bn (bassoon), hn (horn), tr (trumpet), tne (trombone), perc (percussion), kbd (keyboard), vl.1 (violin 1), vl.2 (violin 2), va (viola), and vc (violin). The score includes various musical notations such as treble and bass clefs, time signatures, dynamics (f, s.p.), articulation (accents), and fingering (3, 5, 6). The bottom of the page shows measure numbers 2, 3, and 6.



Musical score for orchestral instruments. The score is divided into measures 340, 341, 342, and 343. The instruments listed are fl (flute), ob (oboe), cl (clarinet), bcl (bass clarinet), bn (bassoon), hn (horn), tr (trumpet), tne (trombone), perc (percussion), kbd (keyboard), vl.1 (violin 1), vl.2 (violin 2), va (viola), and vc (cello). The score includes dynamic markings such as *f* (forte) and *ff* (fortissimo), and articulation markings like accents and slurs. There are also performance instructions such as *6* (sixteenth notes) and *3* (triplets). The time signature changes from 8/8 to 2/4 and then to 3/4.



344 345 346 347

fl *ff*

ob *ff*

cl *ff*

bcl *ff*

bn *ff*

hn *ff* *P* *ff*

tr *ff* *P* *ff*

tne *ff* *P* *ff* *f*

perc

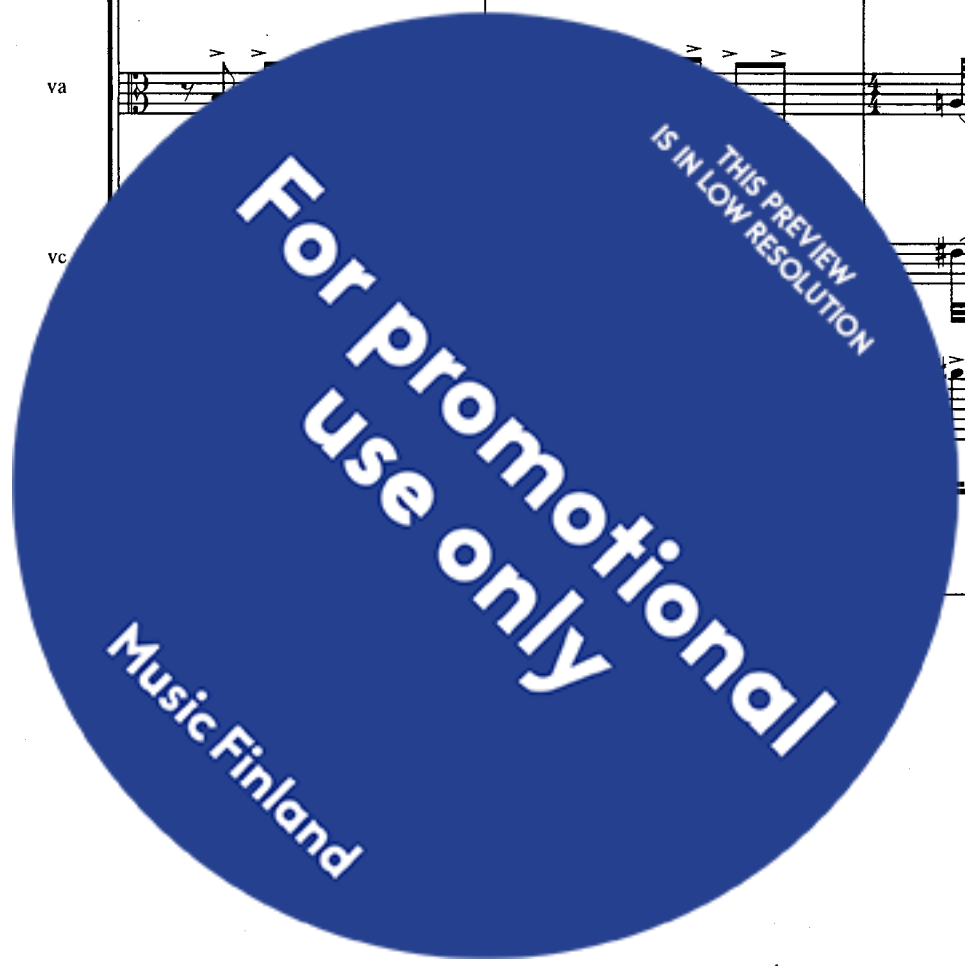
kbd

vi.1 *ff*

vi.2 *ff*

va

vc



348 349 350 351 352

ob *mp*

cl *mp*

bcl *mp* *f* *p* *f* *p* 3 3 3

bn *mp* *f* *mp* *f* *p* 3

tne *mp* *f* *p*

vc *f* *p* 3

mix add delay: 0.7" (one shot, back speakers)

353 354 355 356 357

ob

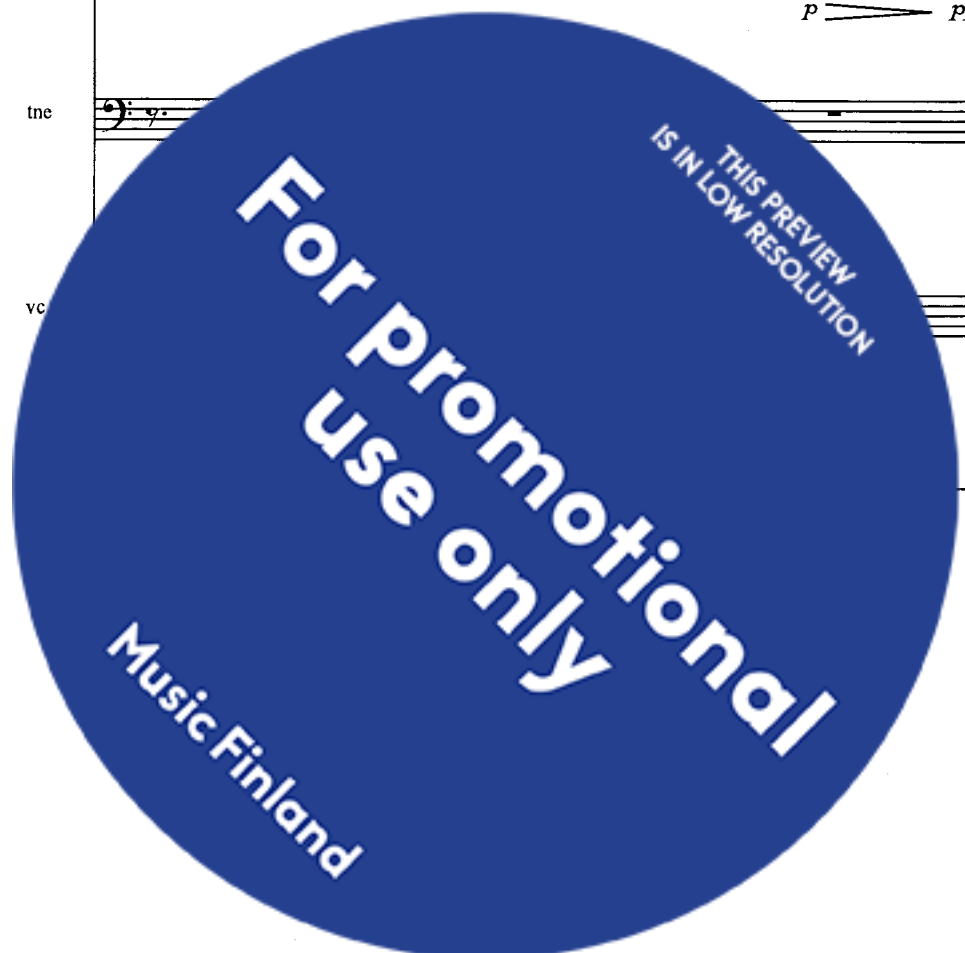
cl

bcl *mf* *mp* *mp* 5

bn *p* *pp* *mp* 3

tne

vc *mf* *mp* 3



358 359 360 361 362 363 364

bcl *mp* *mp*

bn *f* *mp* *f*

tnc *mp* *f* *p* *f*

vc *mp* *f* *mp*

366 367 368 369

bcl

bn *mp* *f* *mf*

tnc *mp* *f* *mf*

vc *f* *mp* *f*

371 372 373

bcl

bn *f*

tnc *f*

vc *mf* *f*

377 378 379 380

bcl

bn *p*

tnc *p*

vc *p*



381 382 383 384 385 386

clb *p*

bn *mf* *p* *mf*

hn

tne *p* *mf* *p*

vc *p* *mf* *p* *mf*

mix

387 388 389 390 391

clb *p* *mf* *mf* *p*

bn *pp* *p* *pp*

hn *pp* *mp* *f* *pp* *mf* *pp*

tne *mf* *p* *mf* *f* *pp*

vc *mp* *mf* *p* *f* *pp*

mix delay off

392 393 394 395 396

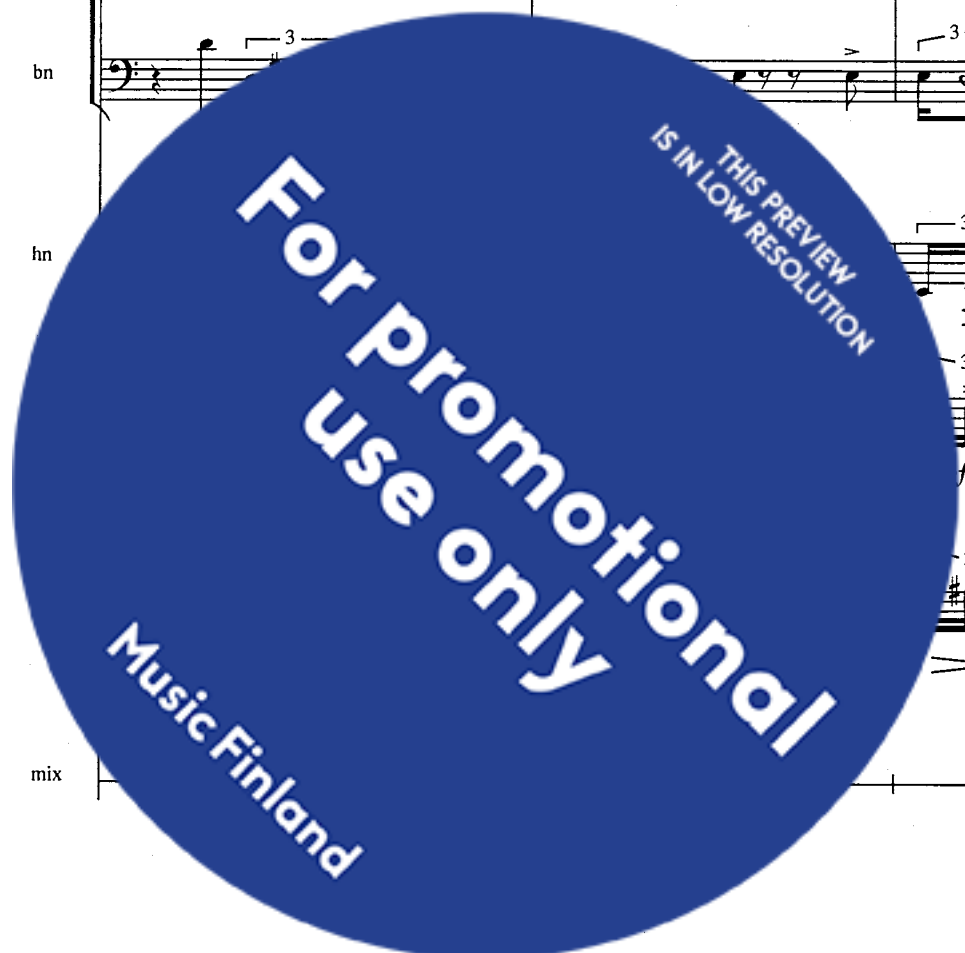
clb *mp*

bn *mf* *pp* *ff* *pp*

hn *f* *mf* *pp* *fz* *f* *pp*

vc *f* *pp* *f* *pp* *mf* *f* *pp* *f* *ff* *pp*

mix



397 398 399 400 401 402 403

clb

bn

hn

trc

kbd

vc

mp *p* *mf* *p* *mf* *p*

mp *mf* *pp* *f pp* *pp* *p* *p*

p *mf* *pp* *f pp* *p* *mf* *p f*

5 3

3

404 405 406 407 408

clb

bn

hn

trc

kbd

vc

p *pp* *mf* *pp* *mf* *pp* *mf* *pp*

mf *f* *pp* *mf* *pp* *p sf*

pp *mf* *mf* *pp* *mf* *pp*

3 3 3 3 3 3 3 3

6 3 3 3 3 3 3 3

409 410 411 412 413

clb

bn

hn

trc

kbd

vc

pp *mf* *pp* *mf* *pp*

f pp *pp* *mf* *pp*

f ff *pp* *p* *mf* *pp* *f pp*

3 6 3 5 5



414 415 416 417

fl *ff*

ob *ff*

cl *ff*

bcl *p* *mf* *ff*

bn *mp* *ff*

hn *mp* *f* *f* *pp*

tr *f* *pp*

tnc *p* *mp* *mf* *f* *f* *pp*

perc

kbd

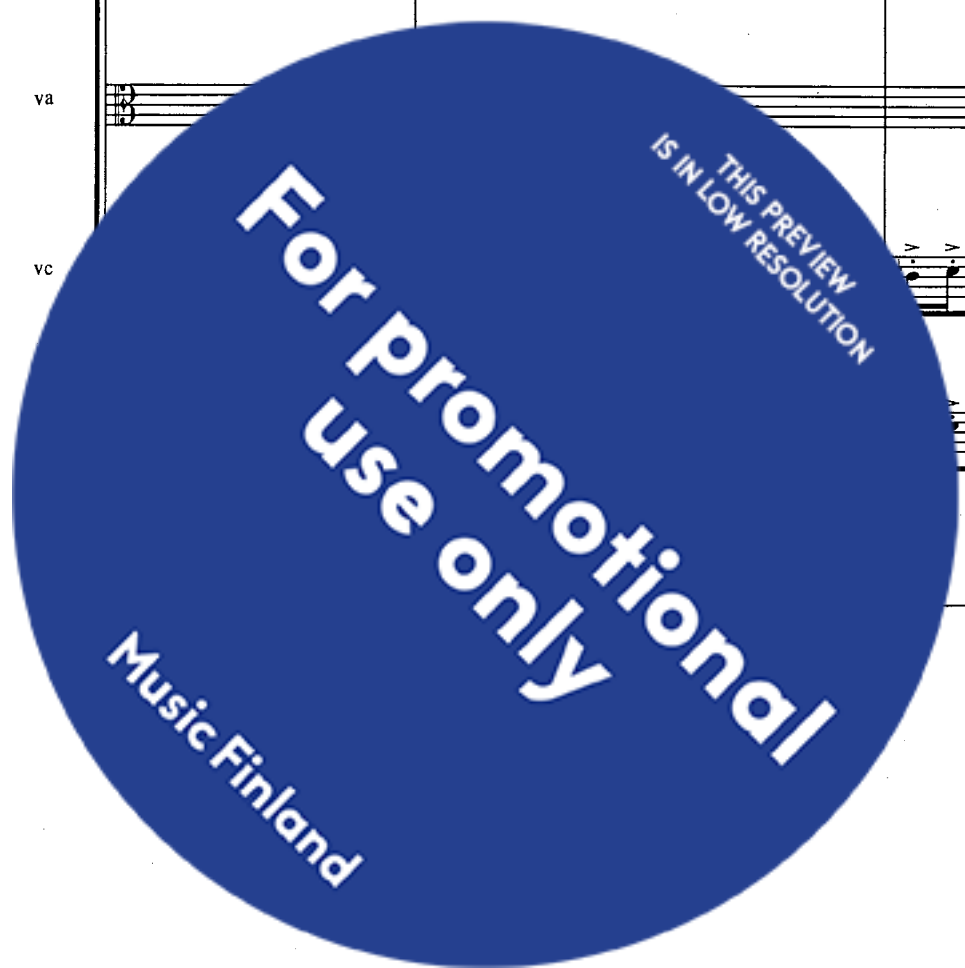
vi.1 *ff*

vi.2 *ff*

va *ff*

vc *ff* *ff*

Detailed description: This is a page of a musical score, page 65, covering measures 414 to 417. The score is arranged in a standard orchestral format with staves for woodwinds (flute, oboe, clarinet, bassoon, horn, trumpet, trombone), percussion, keyboard, and strings (violin 1 & 2, viola, and cello). The woodwind and brass sections are highly active, featuring complex rhythmic patterns, triplets, and dynamic markings such as *ff* (fortissimo), *p* (piano), *mf* (mezzo-forte), *mp* (mezzo-piano), and *pp* (pianissimo). The string section provides a steady accompaniment with dynamic markings like *f* (forte) and *pp*. The percussion and keyboard parts are mostly silent in these measures. The page number '65' is in the top right corner, and measure numbers '414', '415', '416', and '417' are placed above their respective staves.



418 419 420 421

fl
ob
cl
bcl
bn
hn
tr
tne
perc
kbd
vl.1
vl.2
va
vc

f *mf* *ff*

f *mf* *ff*

f *mf* *ff*

7

ff

1/4 1/2

