Amaris

Max-MSP Version
June 2006

This new version replaces the former version which used 2 DX7 Yamaha.
In this version, the synthesizers have been replaced by sound files, which are stored on the hard disk of a Macintosh computer
and are read with the help a Max-MSP patch.
The sound files are triggered by a musician who plays a MIDI keyboard on stage.

EQUIPMENT

MIDI keyboard – 5 octaves (C1 – C6) minimum - easy program changes (1 to 5) – optional sustain pedal

Macintosh computer
MIDI Interface

Software : Max-MSP
Add the gain2~ object to the externals library.

-> The present patch was written with Max 4.05, running under System 9 and was not tested under OSX and more recent versions of Max.

Stereo amplification (2 loud -speakers)

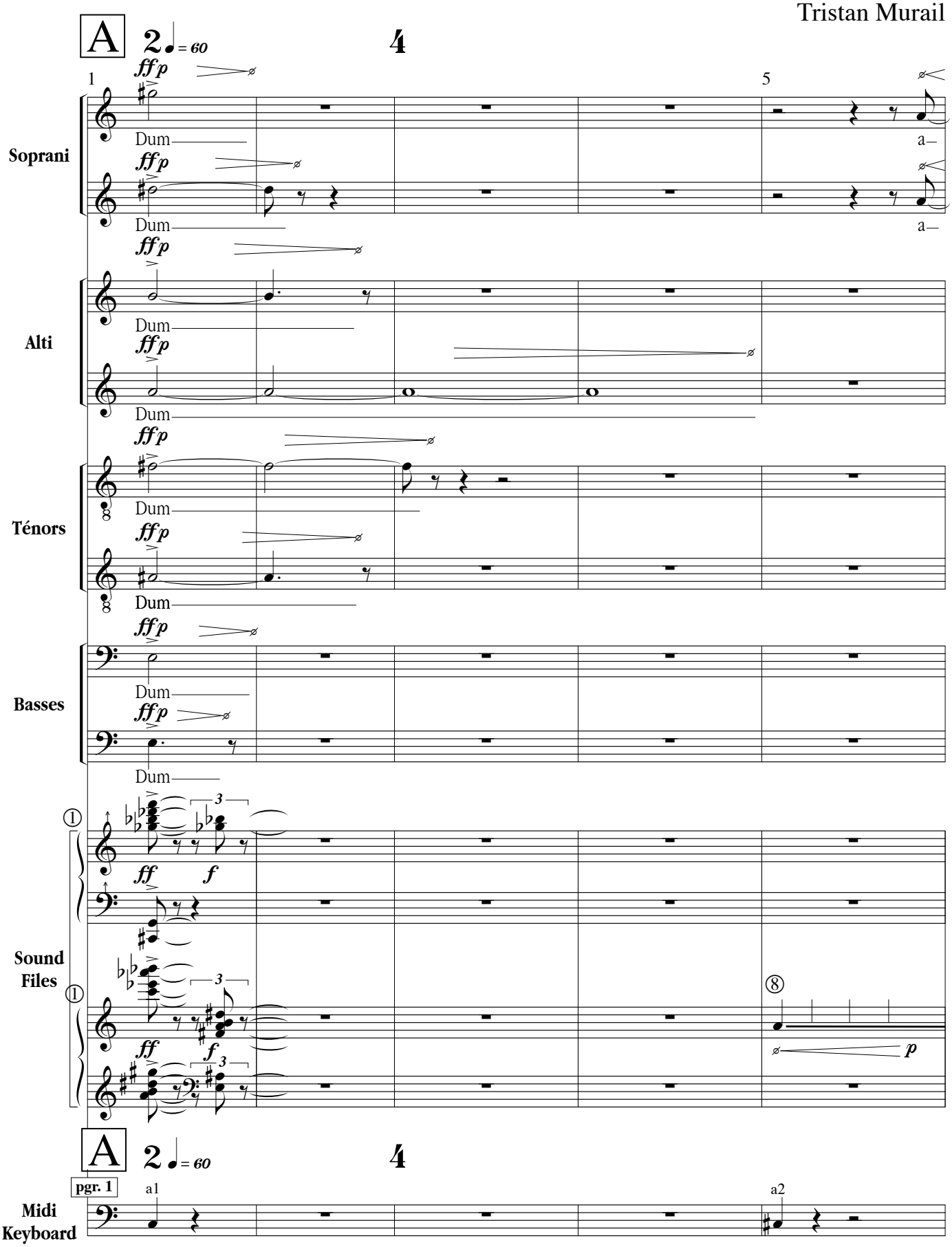
Dynamics : the individual dynamic of the sound files can be adjusted by changing the default intensity inside the coll objects in patcher "load"
(the default intensity is 0.8)

During performance, the balance between the choir and the electronics should be controlled via a mixing table situated in the hall.

…Amaris et dulcibus aquis…

pour chœur mixte et électronique

Tristan Murail



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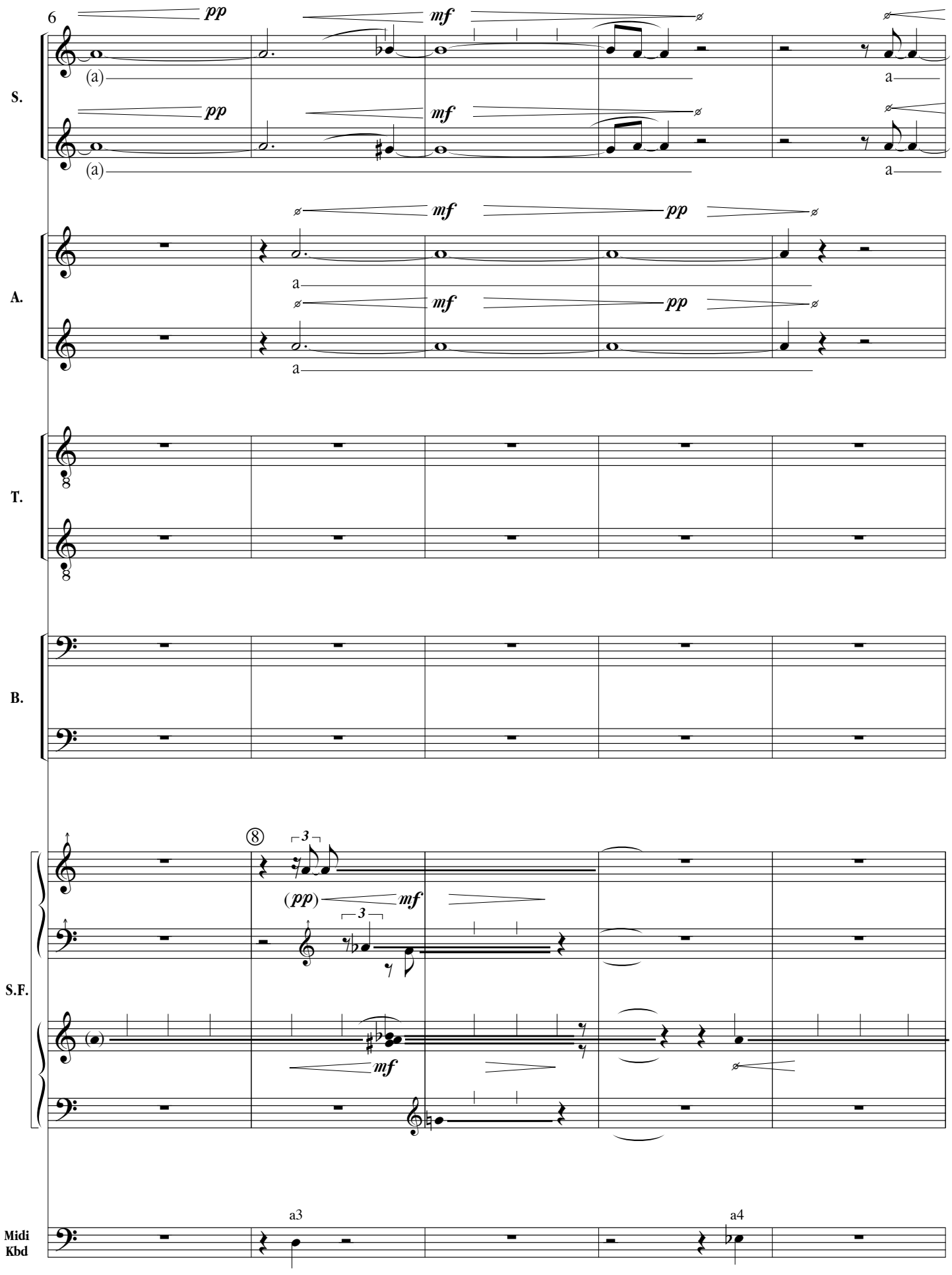
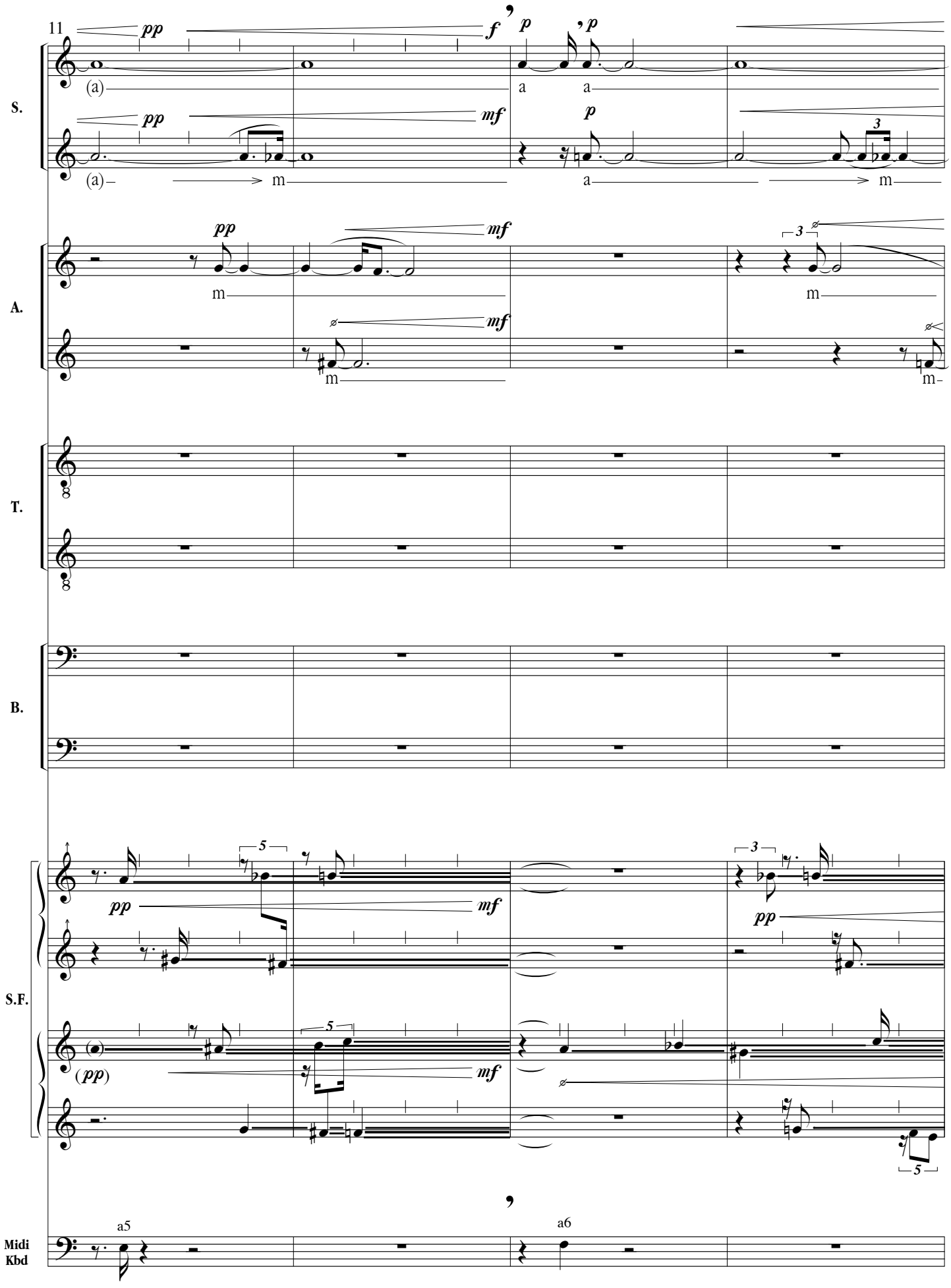
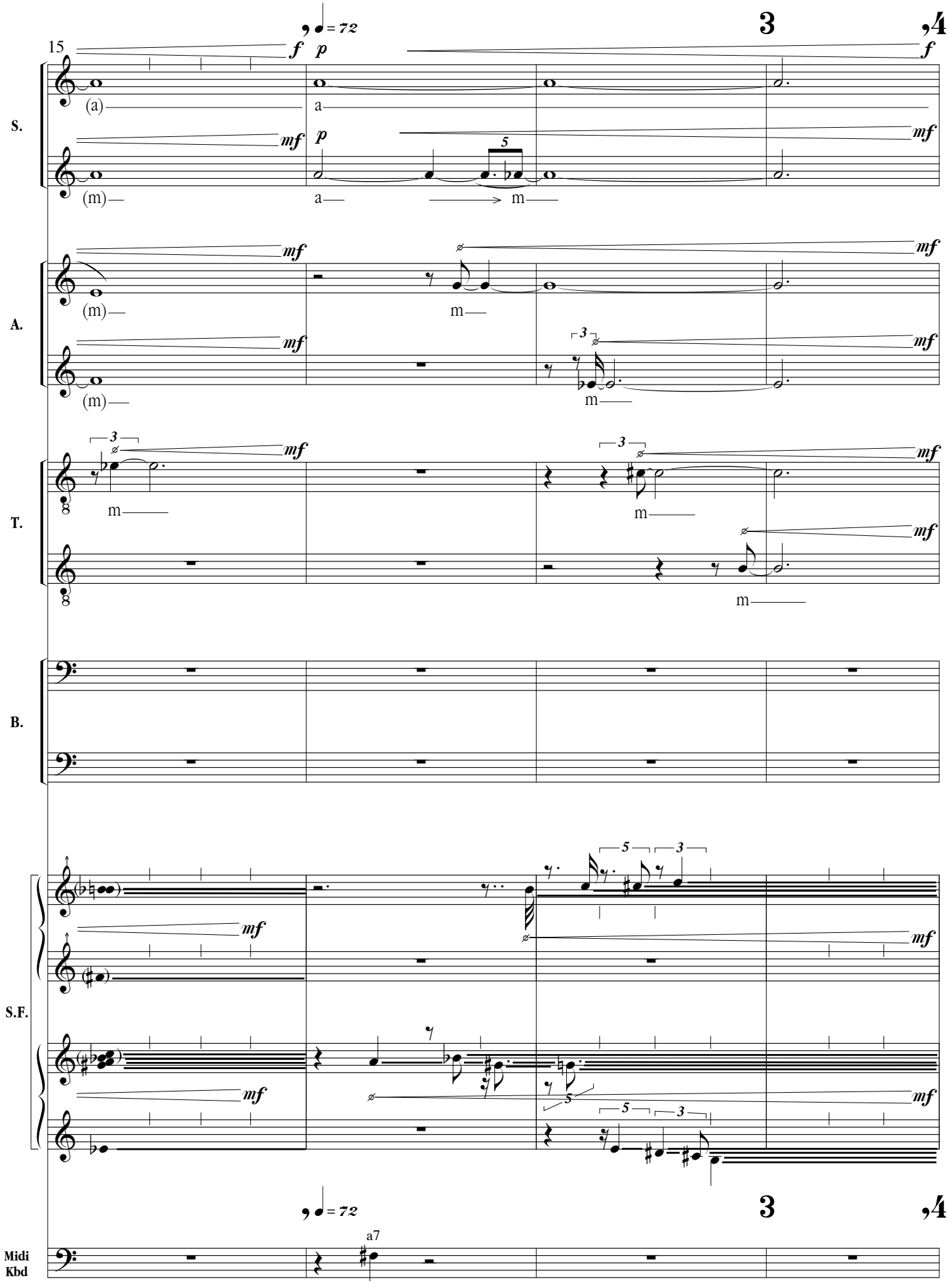
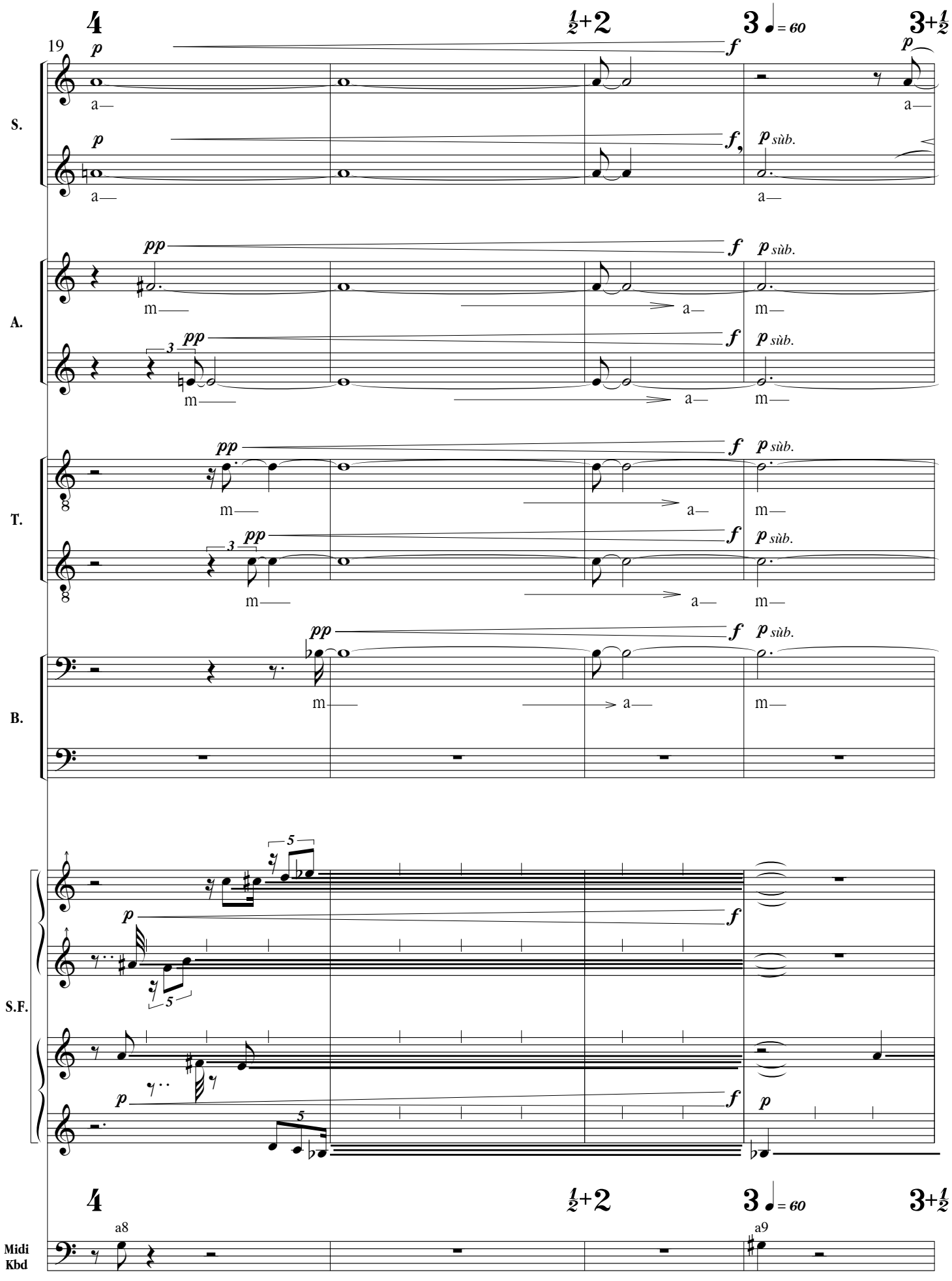
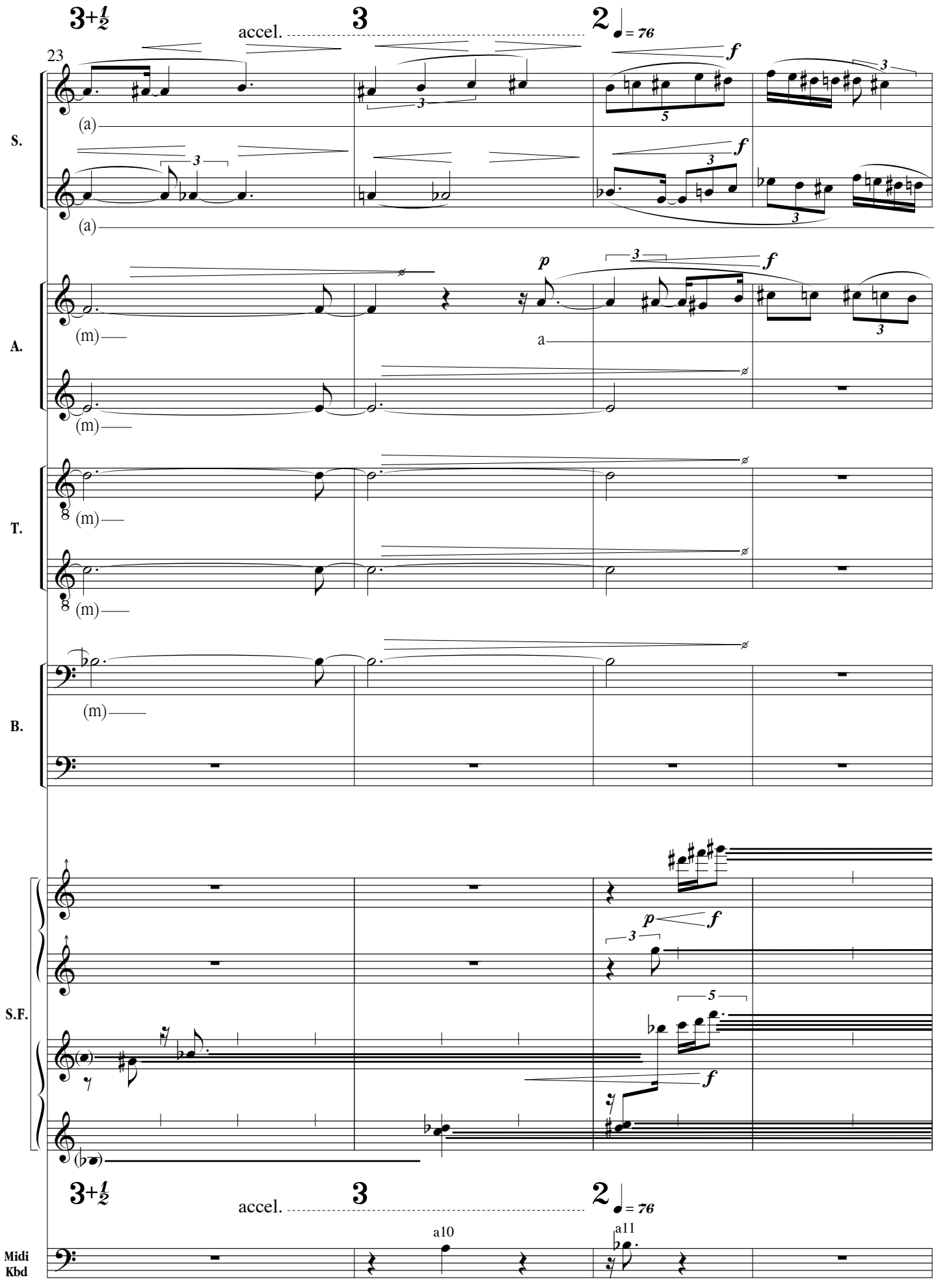
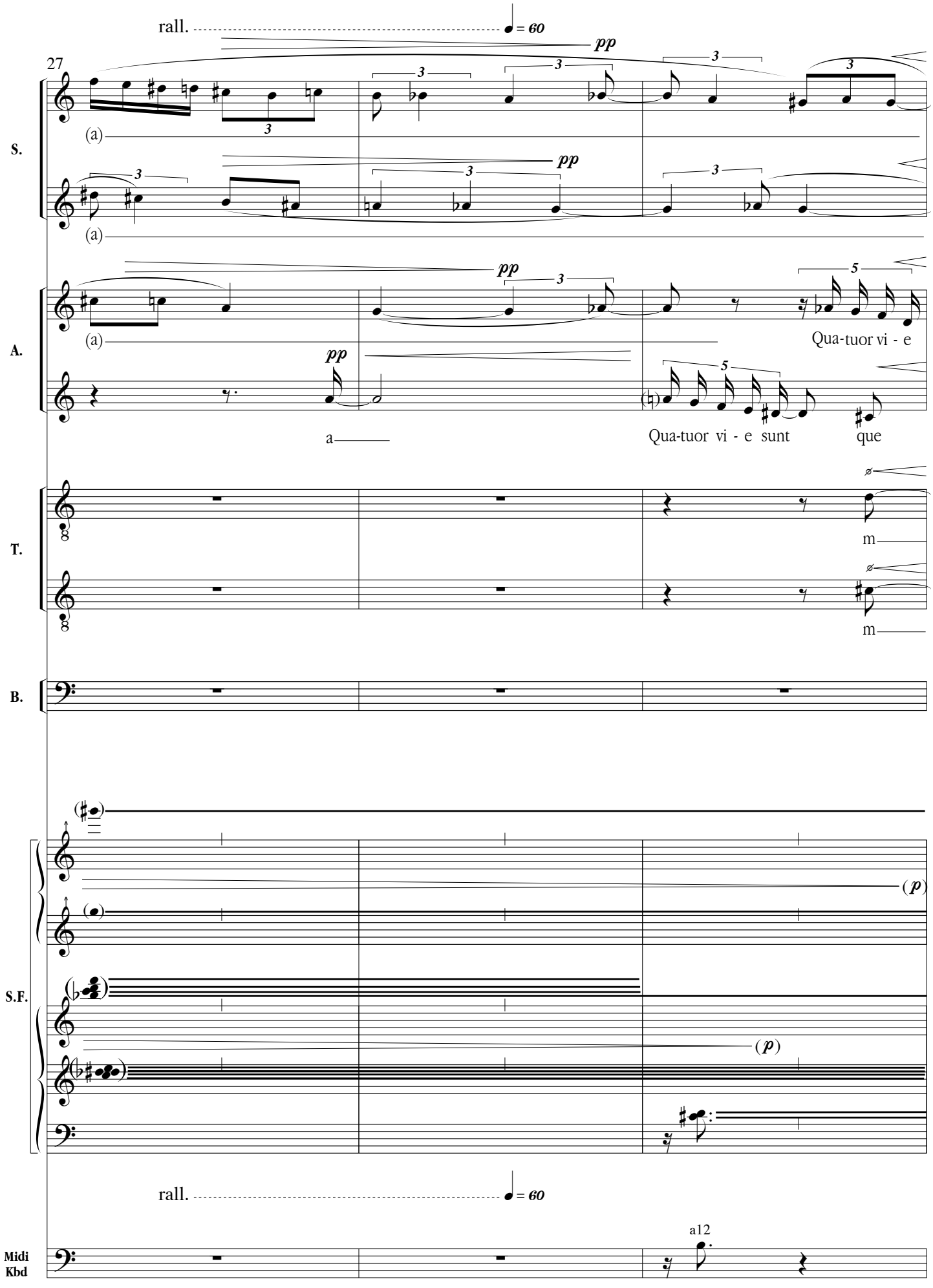

6
pp
mf
(a)
a
S.
A.
T.
B.
S.F.
Midi Kbd
(pp)
a3
a4

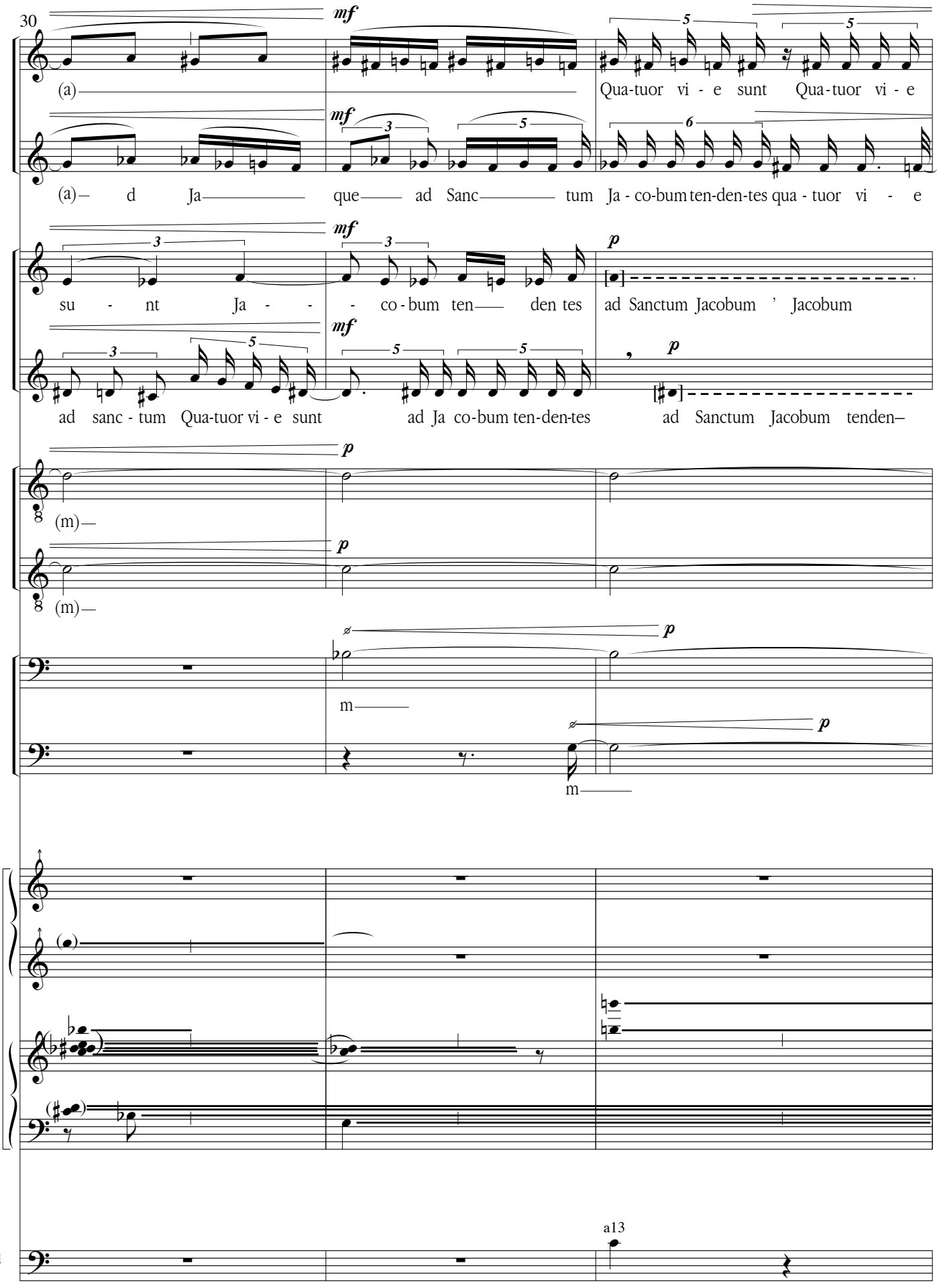

11
S.
A.
T.
B.
S.F.
Midi Kbd
pp
f
p
mf
(a)
a
m
3
5
(pp)
a5
a6

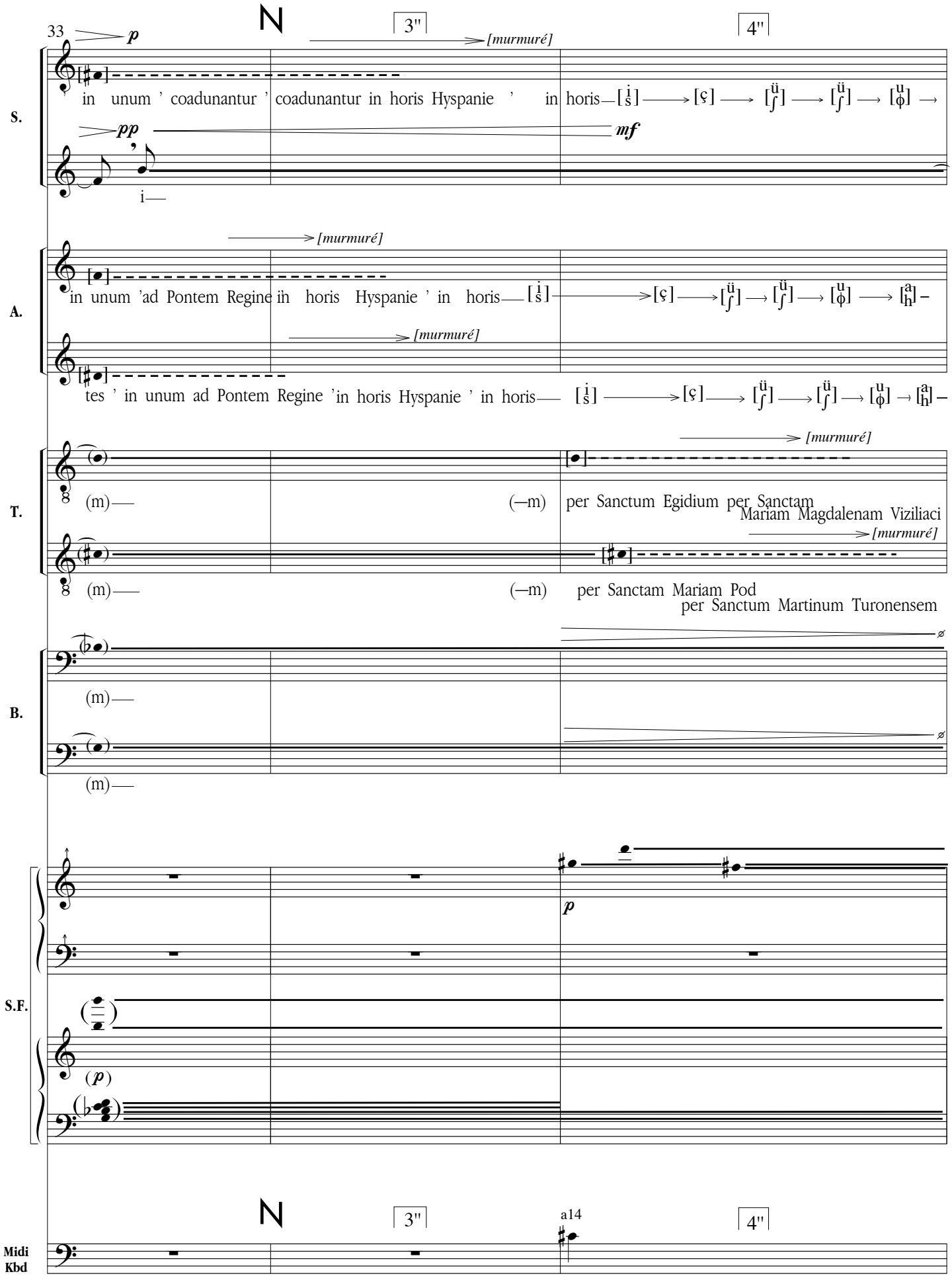

15
♩ = 72
3
4
S.
A.
T.
B.
S.F.
Midi Kbd
a7

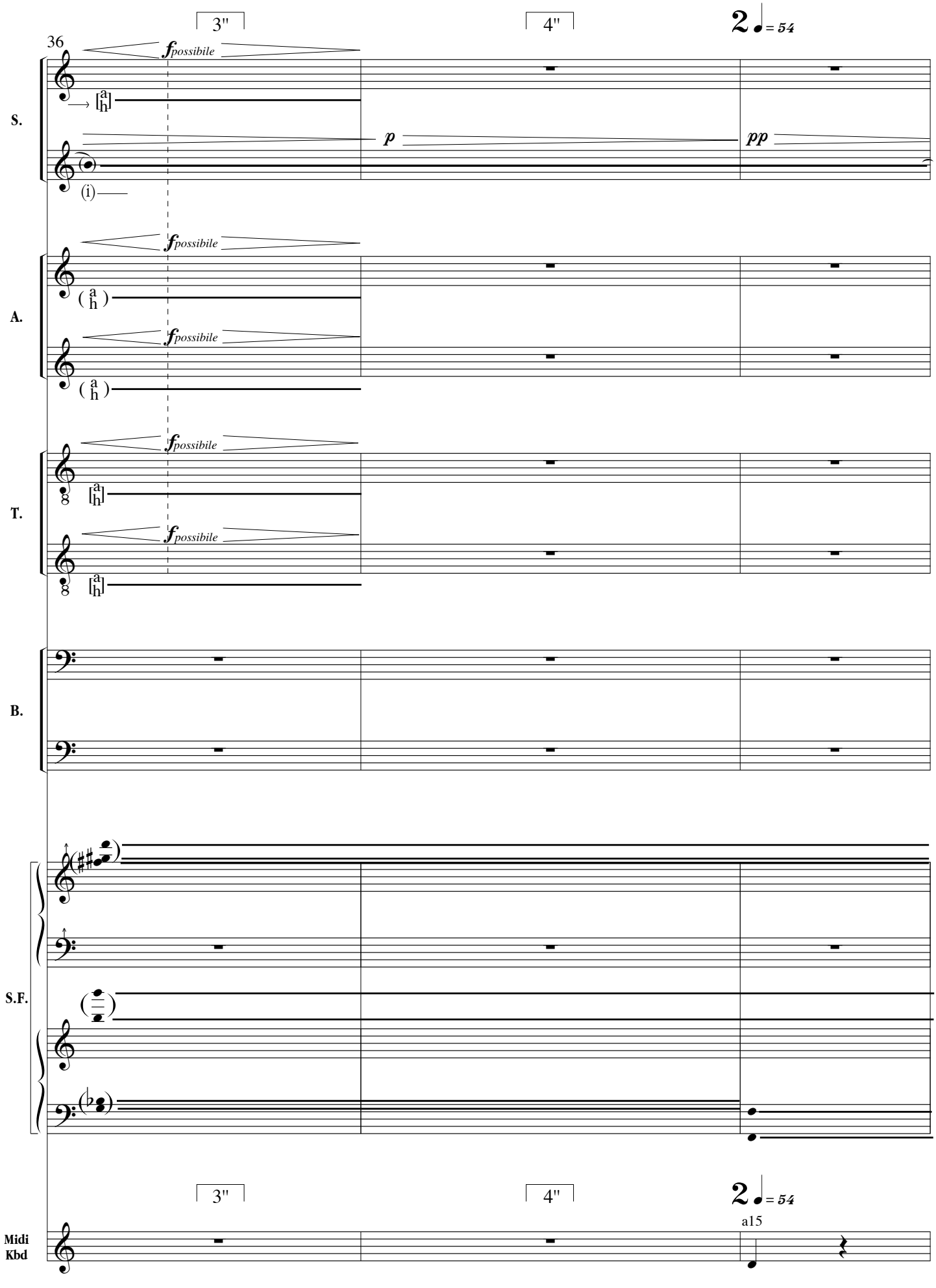

4
1/2+2
3 = 60
3+1/2
19
S.
A.
T.
B.
S.F.
Midi Kbd
p
f
pp
sùb.
a
m
a8
a9

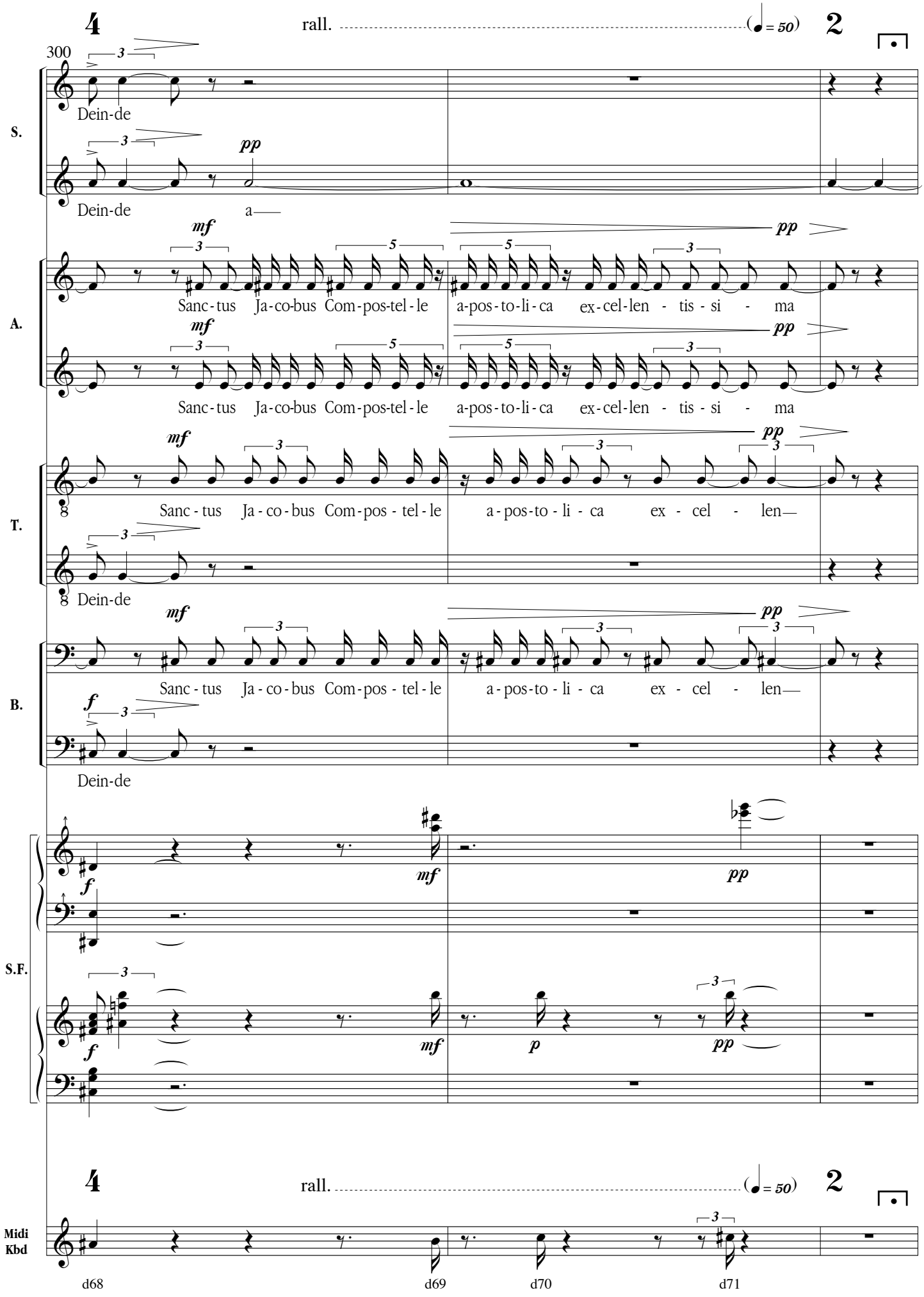

3+1/2
accel.
3
2
♩= 76
23
S.
A.
T.
B.
S.F.
Midi Kbd
(a)
(m)
a
a10
a11
p
f

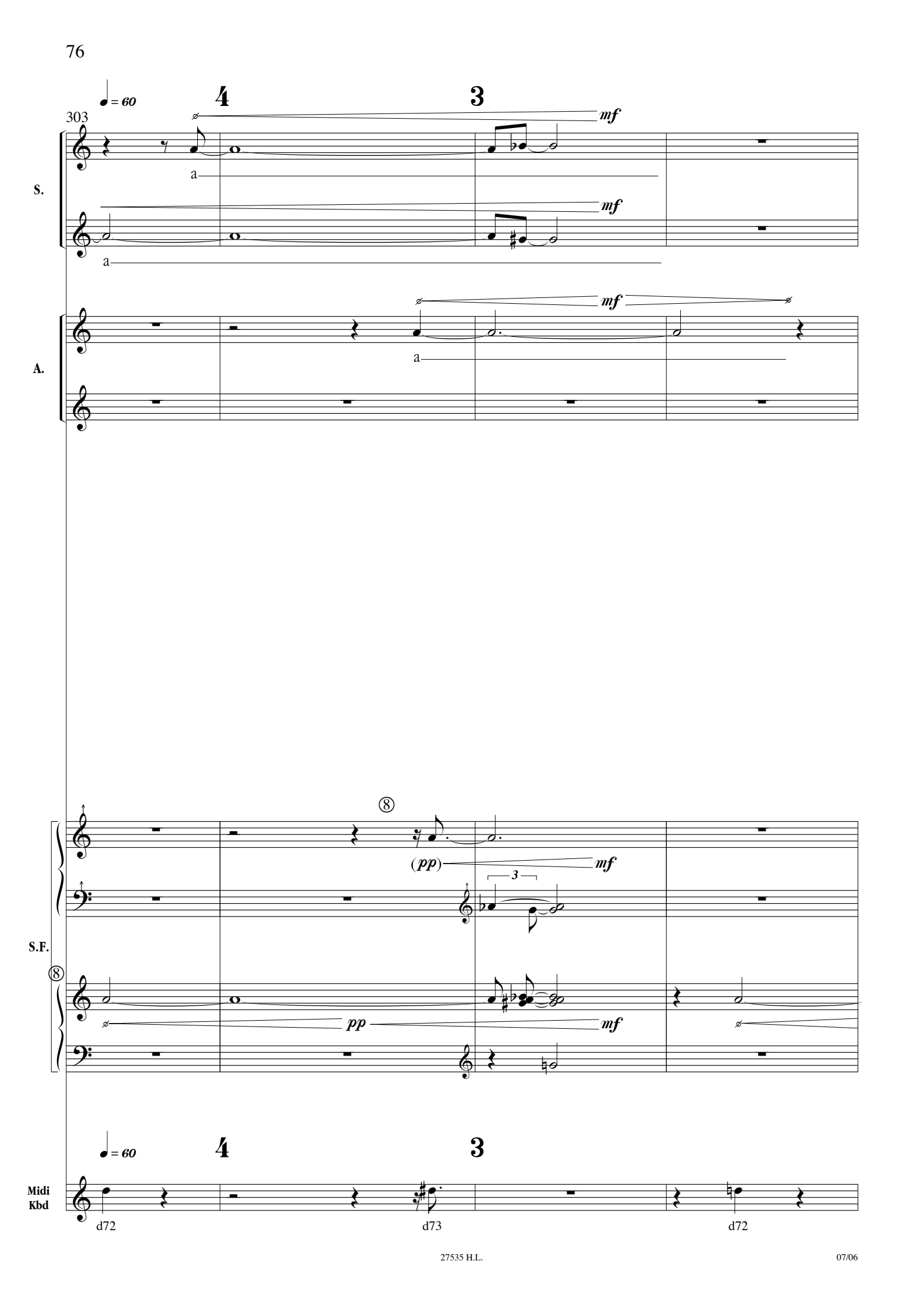

rall.
= 60
pp
27
S.
(a)
A.
Qua-tuor vi - e
a
Qua-tuor vi - e sunt
que
T.
m
B.
S.F.
(p)
rall.
= 60
Midi
Kbd
a12

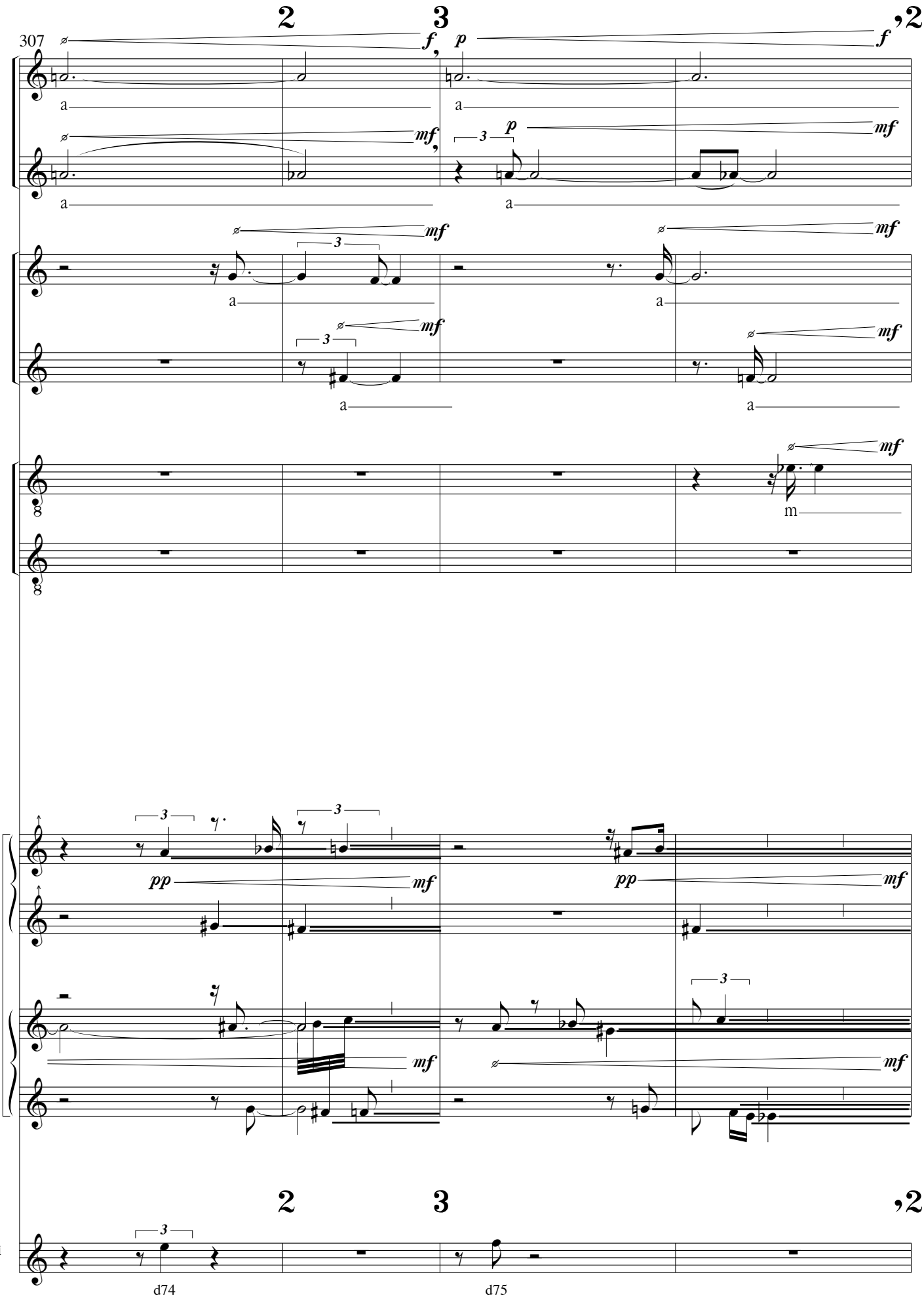

30
S.
A.
T.
B.
S.F.
Midi Kbd
mf
p
(a)
Qua-tuor vi - e sunt Qua-tuor vi - e
(a)— d Ja— que— ad Sanc— tum Ja - co-bum ten-den-tes qua - tuor vi - e
su - nt Ja - - - co - bum ten— den tes ad Sanctum Jacobum ' Jacobum
ad sanc - tum Qua-tuor vi - e sunt ad Ja co-bum ten-den-tes ad Sanctum Jacobum tenden–
(m)—
m—
a13

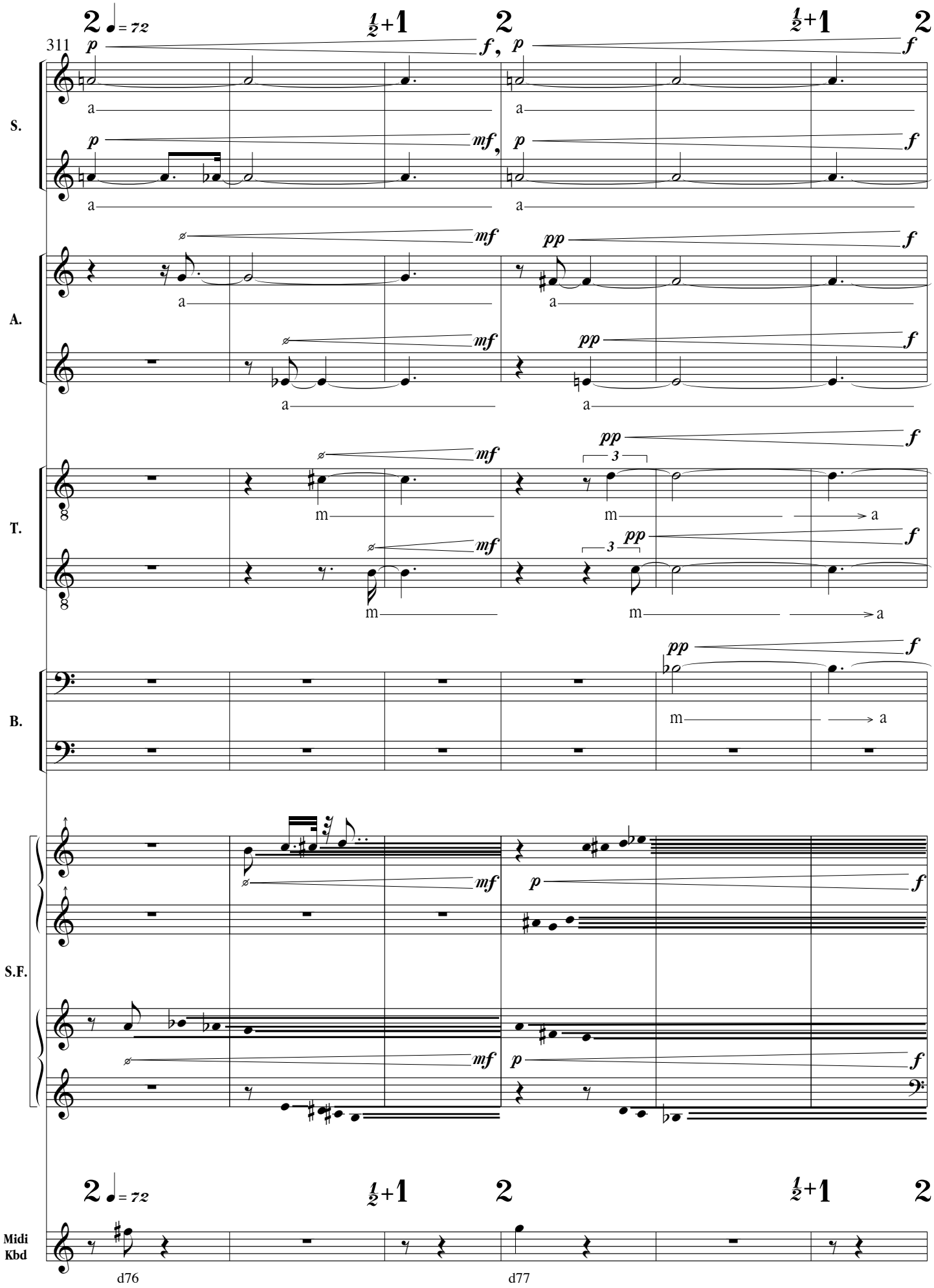

33
p
3"
[murmuré]
4"
S.
in unum ' coadunantur ' coadunantur in horis Hyspanie ' in horis
pp
mf
i
A.
[murmuré]
in unum 'ad Pontem Regine in horis Hyspanie ' in horis
[murmuré]
tes ' in unum ad Pontem Regine 'in horis Hyspanie ' in horis
T.
[murmuré]
(m)
(—m)
per Sanctum Egidium per Sanctam
Mariam Magdalenam Viziliaci
[murmuré]
(m)
(—m)
per Sanctam Mariam Pod
per Sanctum Martinum Turonensem
B.
(m)
(m)
p
S.F.
(p)
3"
a14
4"
Midi
Kbd

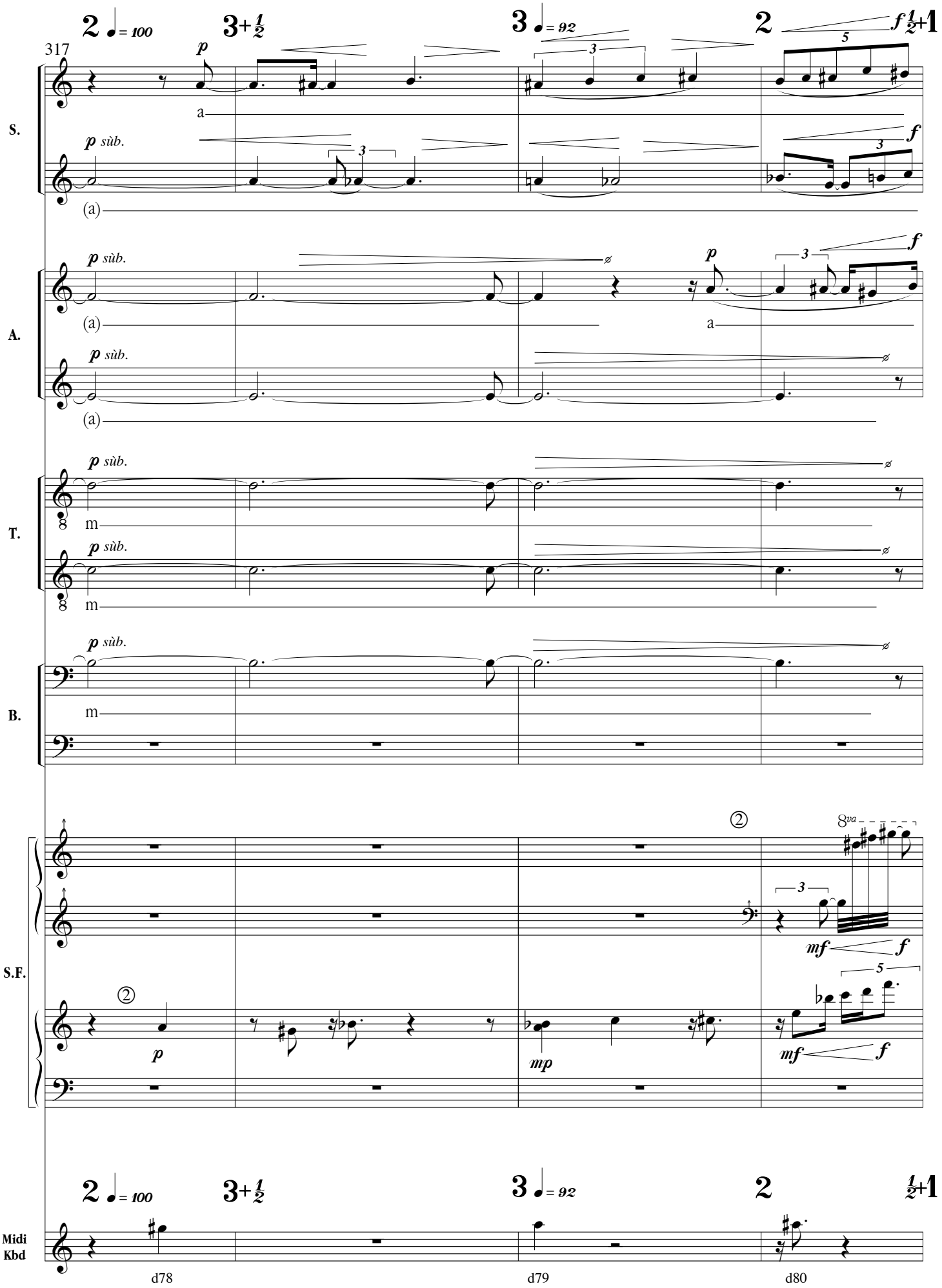

3"
4"
2 = 54
36
S.
A.
T.
B.
S.F.
Midi Kbd
fpossibile
p
pp
(i)
a15

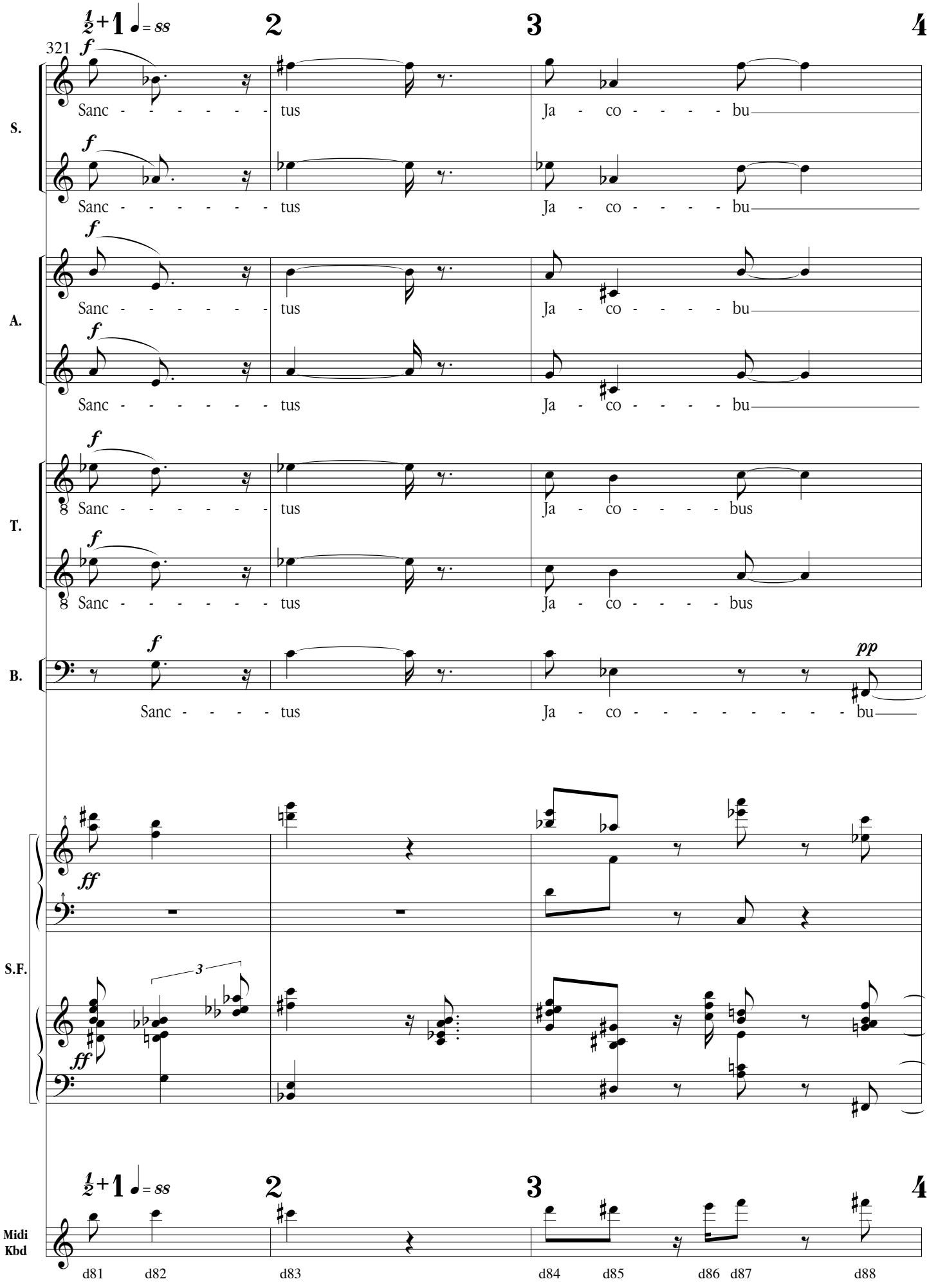

4
rall.
(♩ = 50)
2
300
S.
Dein-de
Dein-de
a
A.
Sanc-tus Ja-co-bus Com-pos-tel-le
a-pos-to-li-ca ex-cel-len - tis - si - ma
Sanc-tus Ja-co-bus Com-pos-tel-le
a-pos-to-li-ca ex-cel-len - tis - si - ma
T.
Sanc - tus Ja - co - bus Com-pos - tel - le
a - pos-to - li - ca ex - cel - len
Dein-de
B.
Sanc - tus Ja - co - bus Com-pos - tel - le
a - pos-to - li - ca ex - cel - len
Dein-de
S.F.
Midi Kbd
d68
d69
d70
d71

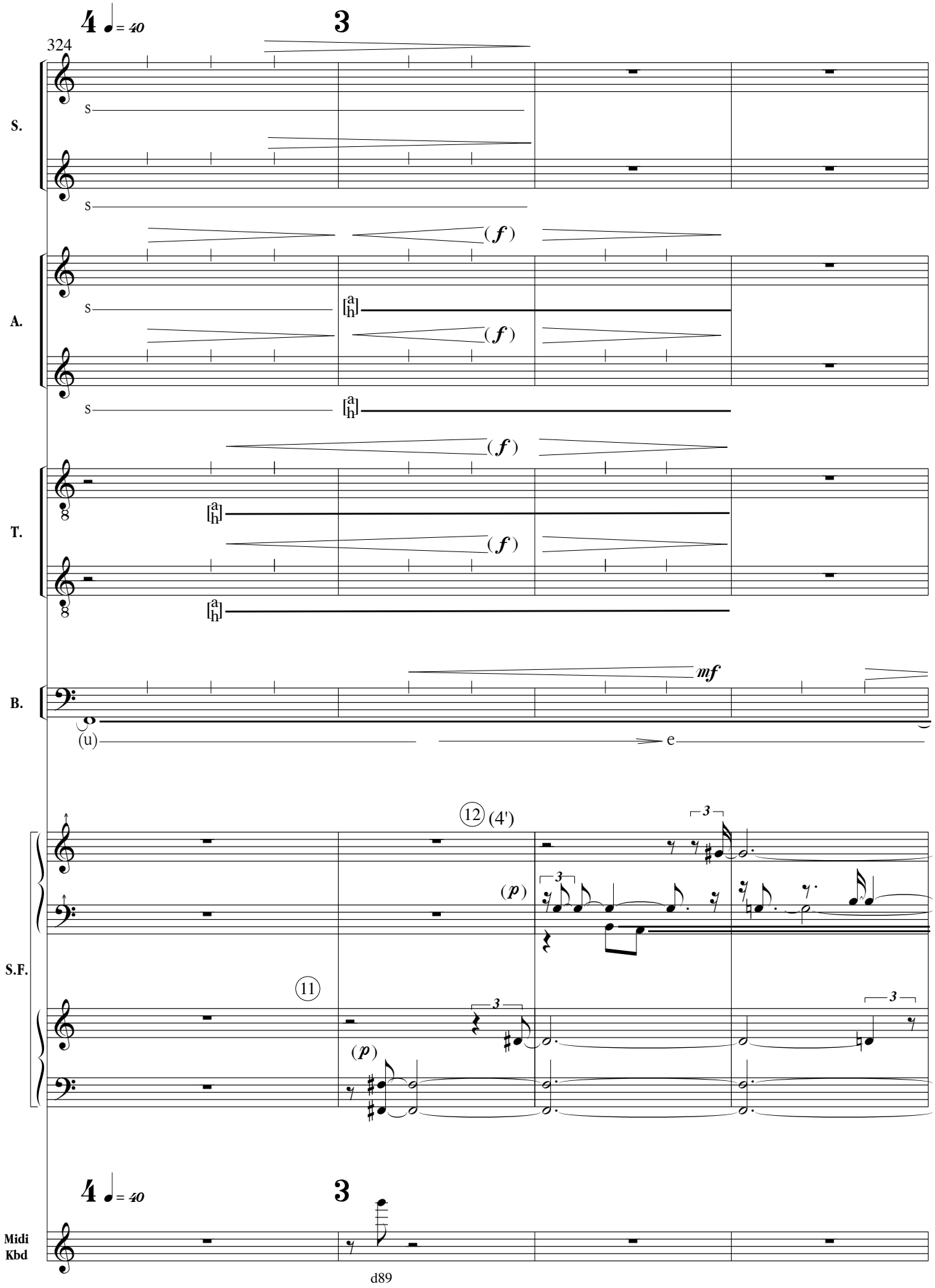

♩= 60
4
3
303
mf
S.
a
mf
a
mf
A.
a
8
(pp)
mf
3
S.F.
8
pp
mf
♩= 60
4
3
Midi
Kbd
d72
d73
d72

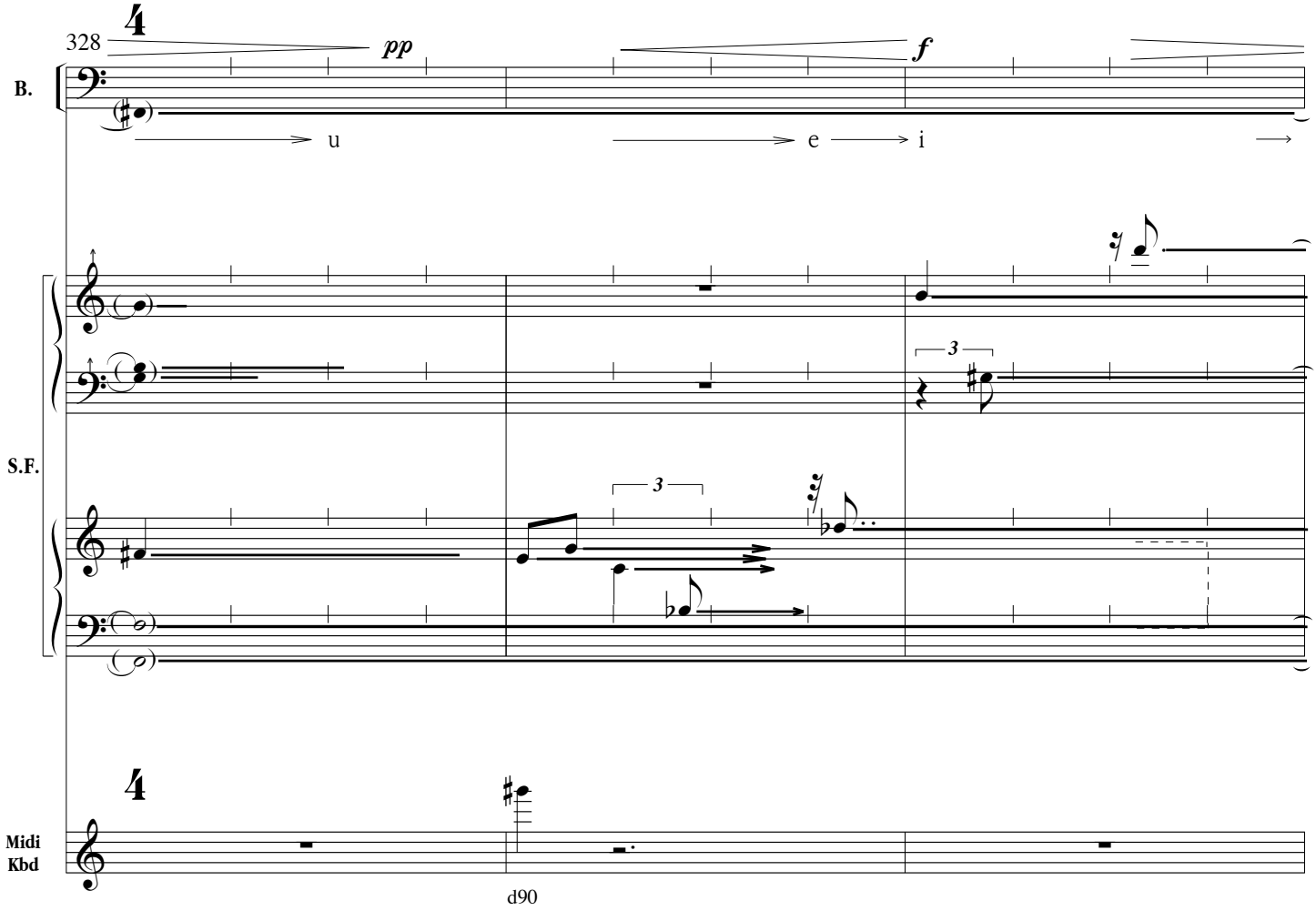

307
2
3
,2
S.
A.
T.
S.F.
Midi Kbd
d74
d75

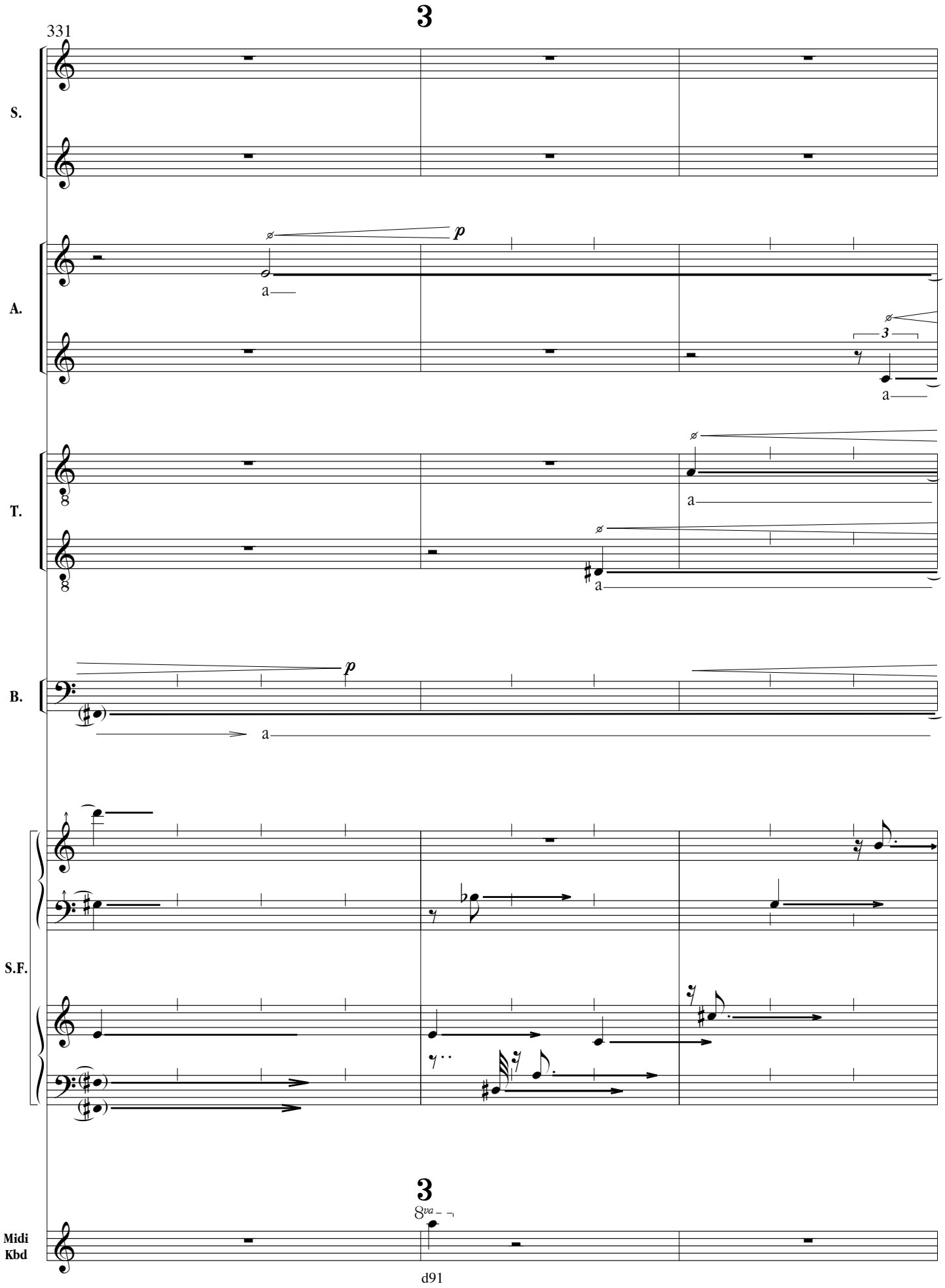

311
S.
A.
T.
B.
S.F.
Midi Kbd
d76
d77

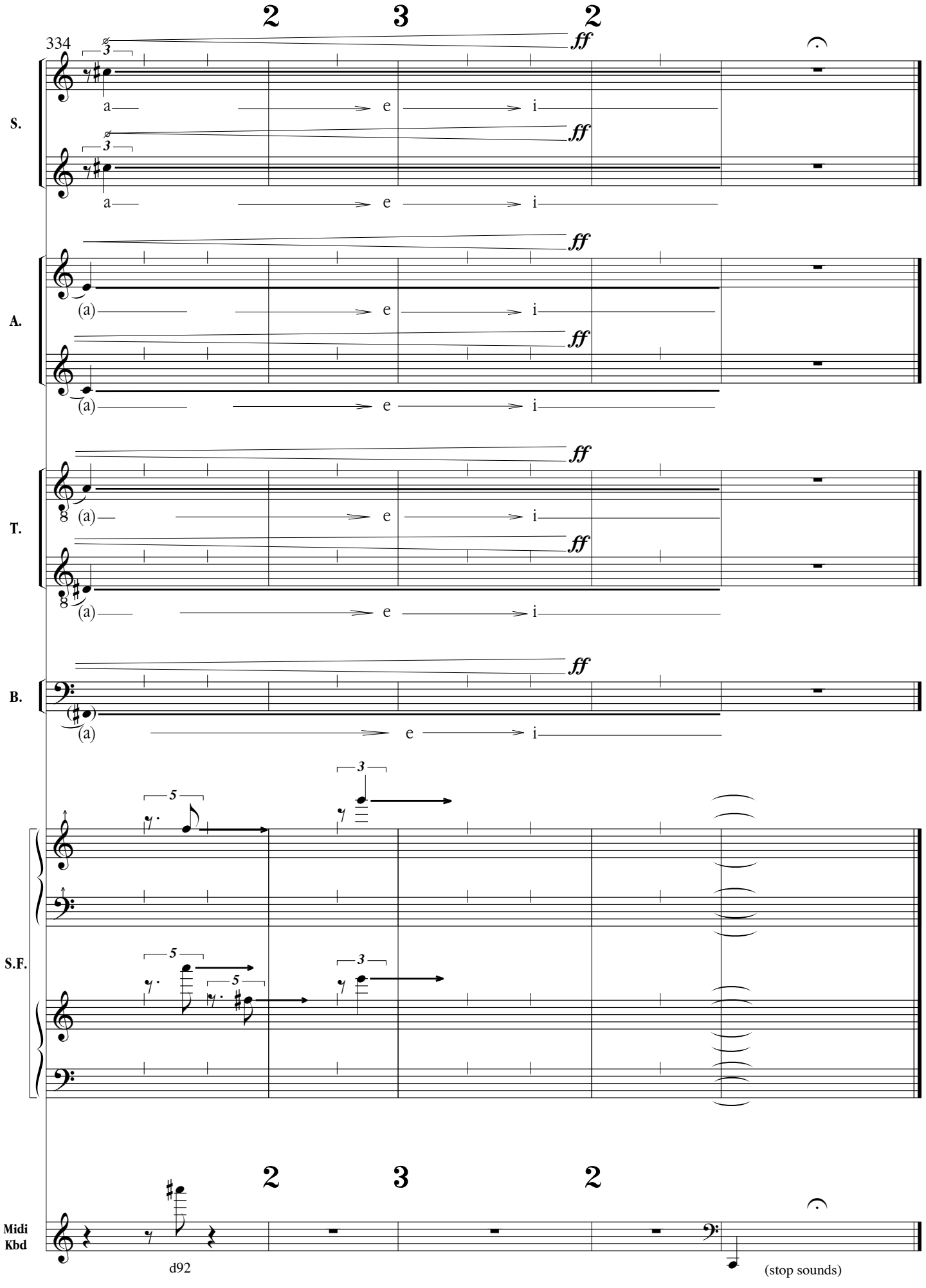

317
S.
A.
T.
B.
S.F.
Midi Kbd
d78
d79
d80
27535 H.L.
07/06


½+1 ♩= 88
2
3
4
321
S.
Sanc - - - - - - tus
Ja - co - - - - - bu
A.
Sanc - - - - - - tus
Ja - co - - - - - bu
T.
Sanc - - - - - - tus
Ja - co - - - - - bus
B.
Sanc - - - - tus
Ja - co - - - - - - - - - bu
S.F.
3
Midi Kbd
d81 d82 d83 d84 d85 d86 d87 d88


4 = 40
3
324
S.
A.
T.
B.
S.F.
Midi Kbd
(f)
mf
(p)
12 (4')
11
3
d89


328
pp
f
B.
u
e
i
S.F.
3
3
Midi
Kbd
d90


3
331
S.
A.
p
a
3
a
T.
a
a
B.
p
a
S.F.
3
8va
Midi
Kbd


334
2
3
2
S.
A.
T.
B.
S.F.
Midi Kbd
ff
a
e
i
(a)
5
3
d92
(stop sounds)