

40

KOSMOSYNTESE opus ~~43~~ nr. 1 for elektro-
niske stemmer og naturalistiske lydarter.
Björn Fongård.








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Lydfrekvensområde: $16 \text{ Hz} < f < 20000 \text{ Hz}$.

Lydstyrke: ■ $\approx 0 \text{ phon}$ ■ $\approx 40 \text{ phon}$ ■ $\approx 120 \text{ phon}$.

Lydarter: Natur-, organiske-, tekniske-, og elelektroniske lydarter.

De elektroniske stemmers klangkvalitet er: Rød \approx ,

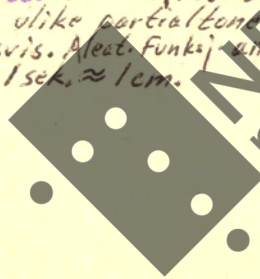
Orange \approx , gul \approx , grøn \approx , blå \approx ,

Indigo \approx , violett \approx , hvor diagrammet viser forholdet mellem de ulike partialtoners styrke.

grad, tilnærmelsesvis. Med. Funkj. anvites for stemmene.

Tidsutstrekning: 1 sek. \approx 1 cm.

Rumklang.



noter

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20 000 Hz.

5000 Hz.

1250 Hz.

310 Hz.

75 Hz.

16 Hz. 1 → 2 → 3 → sek. →

Vind

metallguss

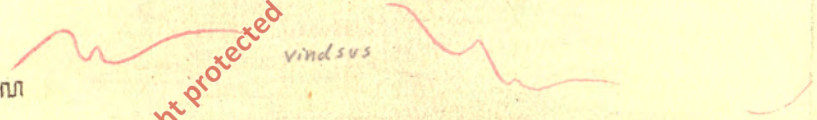
π

Vindsus



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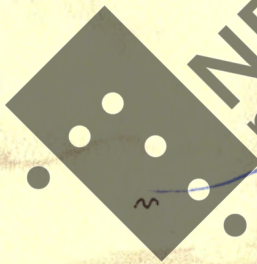
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Hvisslende stöy

M

Metallskrapelyd

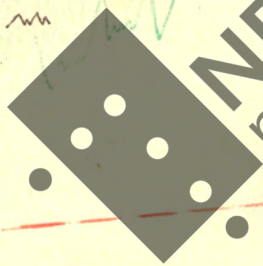


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Metall
Snitt

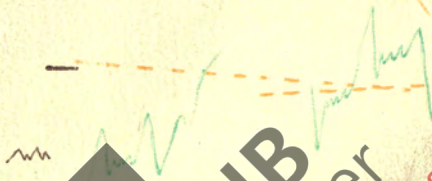
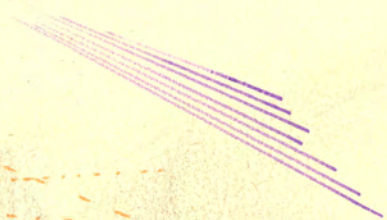
Blåselyd



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3



3

Handwritten scribble

3

summeigal

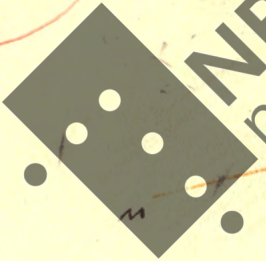
slag på
metall.

3

vindsus

3

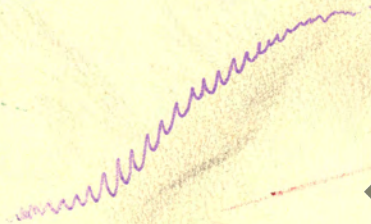
summeigal



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3



LL



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3

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Lydfrekvensområde: $16\text{ Hz} < f < 20\,000\text{ Hz}$.
Lydstyrke: ■ $\approx 0\text{ phn}$ ■ $\approx 40\text{ phn}$ ■ $\approx 120\text{ phn}$.
Lydarter: Natur-, organiske-, tekniske-, og
elektroniske lydarter.
De elektroniske stemmers klangkvalitet er
tilnærmet: Rød \blacktriangleleft , orange \blacktriangleleft , gul \blacktriangleleft ,
grønn \blacktriangleleft , blå \blacktriangleleft , indigo \blacktriangleleft , violett \blacktriangleleft .
Aleatorisk funksjon er anvist foran hver stemme.
Tidsutstrekning: 1 sek. \approx 1 cm.
Rumklang.



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20000 Hz.

5000 Hz.

1250 Hz.

310 Hz.

75 Hz.

16 Hz. 1 sek. 2 sek. 3 sek. →

Bevs

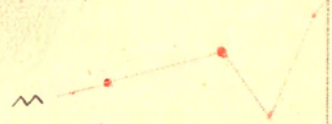
JLR

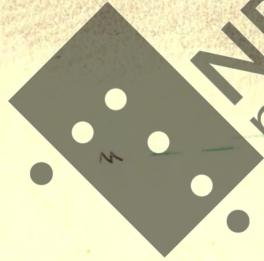
M



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Tikkelyder

3

3

NR

3

Flöjteljder.

flor

MM

notedur

NB
noter

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Drönn

M

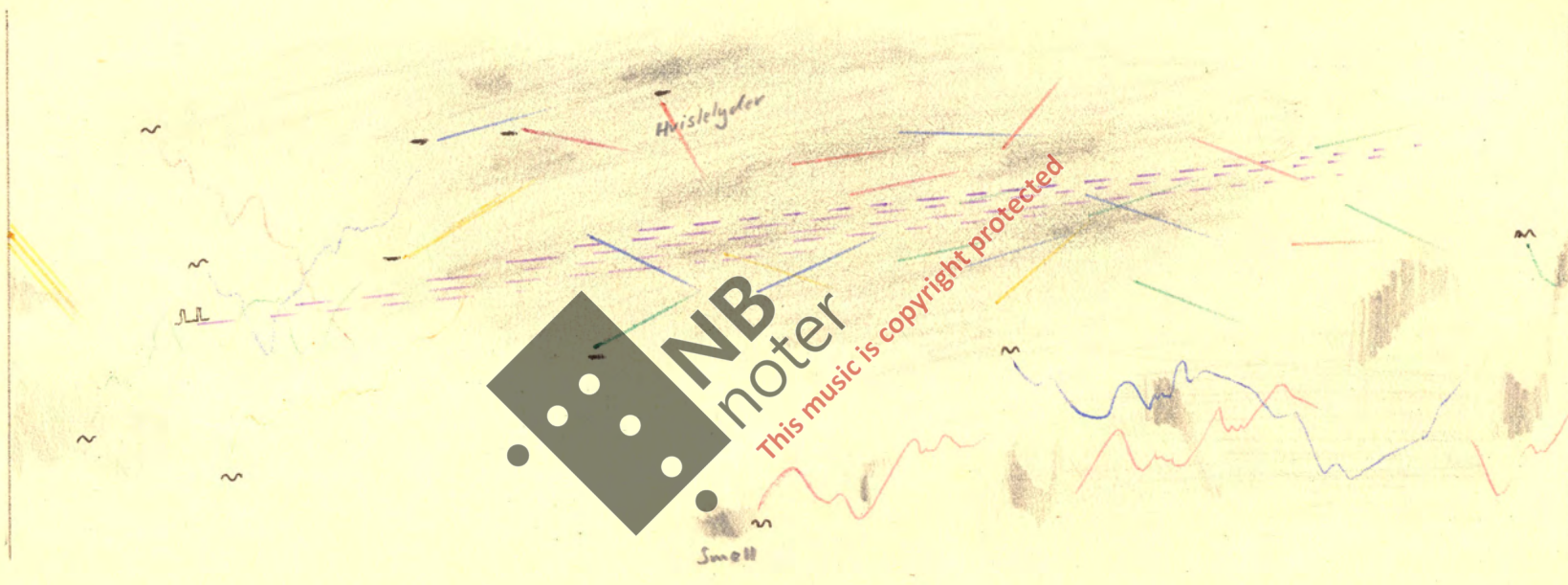
Hvislelyder

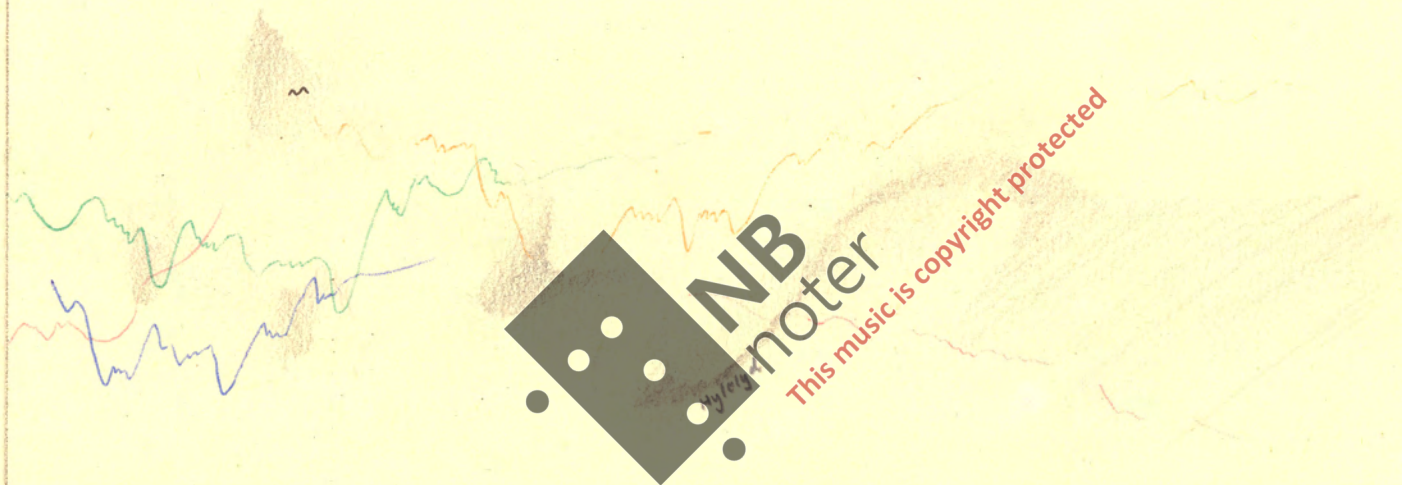


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Smell





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KOSMOSYNTESE for elektroniske stemmer
og naturalistiske lydarter. Opus 43 nr. 2
Björn Fongaard. 40

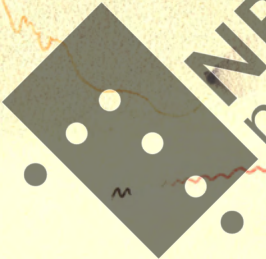


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M

M

M



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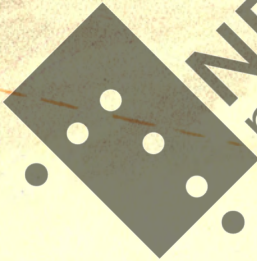
M

Hvin

W

Tikkelyd
~

W



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Klappreitz

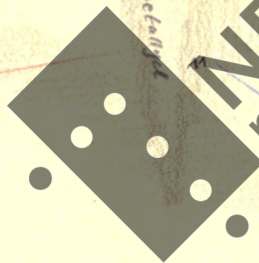
~

syngende metalf

~

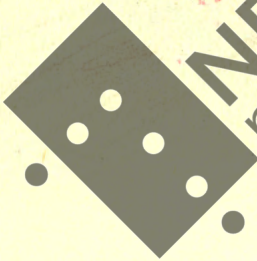
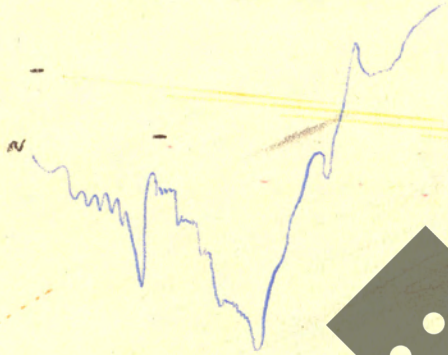
sus

~



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KOSMOSYNTESÆ opus #3 nr. 3
for elektroniske stemmer og natura-
listiske lydarter.
Bjørn Fønsgaard.










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Lydfrekvensområde: $16 \text{ Hz} < f < 20\,000 \text{ Hz}$.

Lydstyrke: $\approx 0 \text{ phon}$ $\approx 40 \text{ phon}$ $\approx 120 \text{ phon}$.

Lydarter: Natur-, organiske-, tekniske-, og elektroniske lydarter.

De elektroniske stemmers klangkvalitet er tilnærmet: Rød , Orange , gul ,

grønn , blå , indigo , violett .

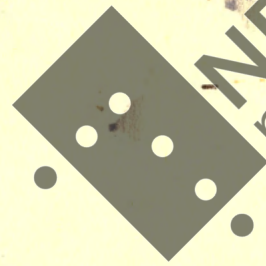
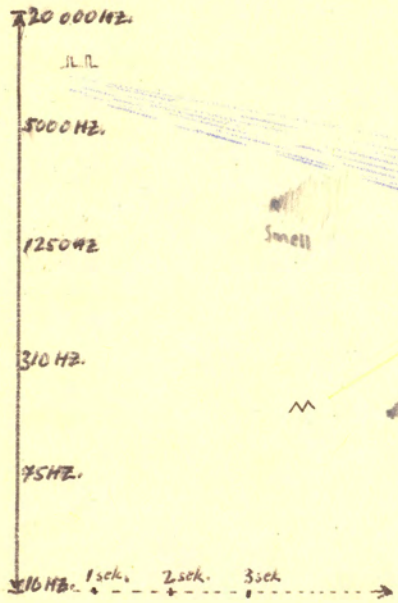
Aleatorisk funksjon er anvist foran hver stemme.

Rumklang.

Tidsetstrekning: $1 \text{ sek.} \approx 1 \text{ cm}$.



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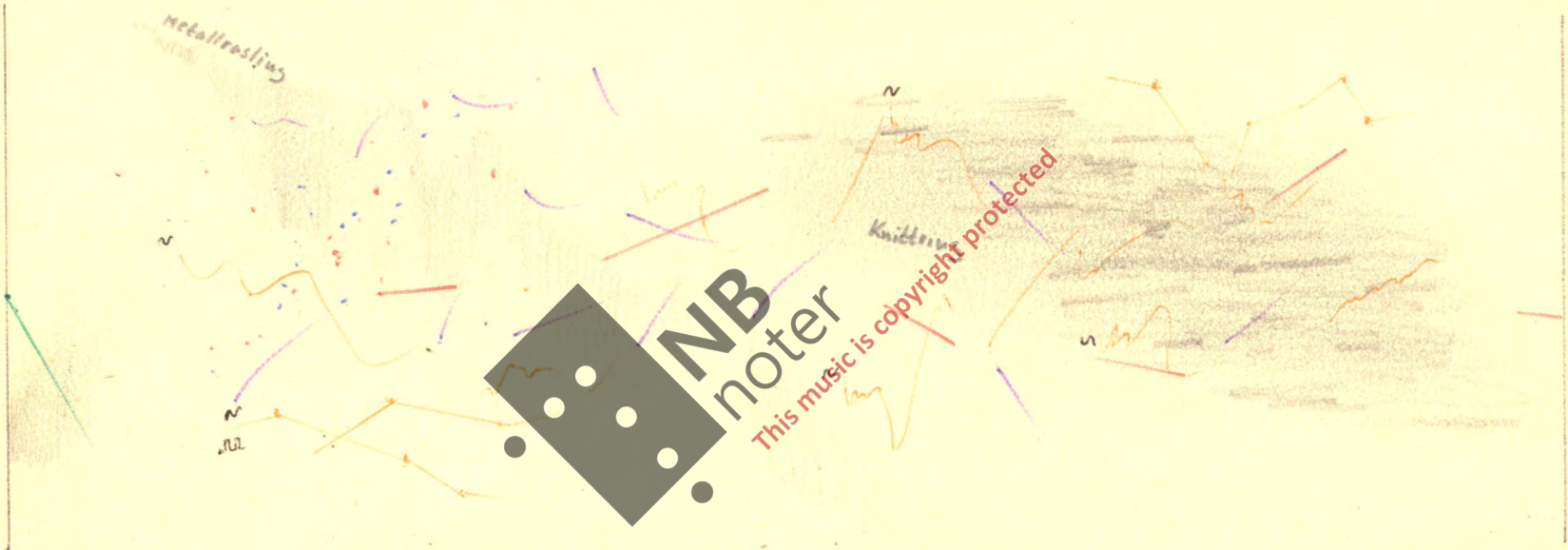
metallrosling

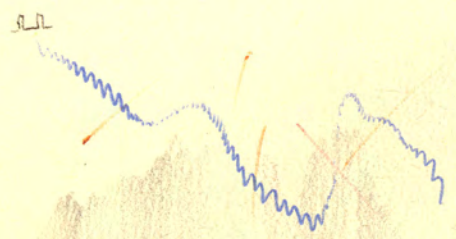
Knittern



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noter

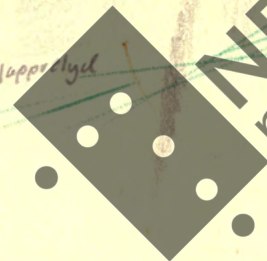
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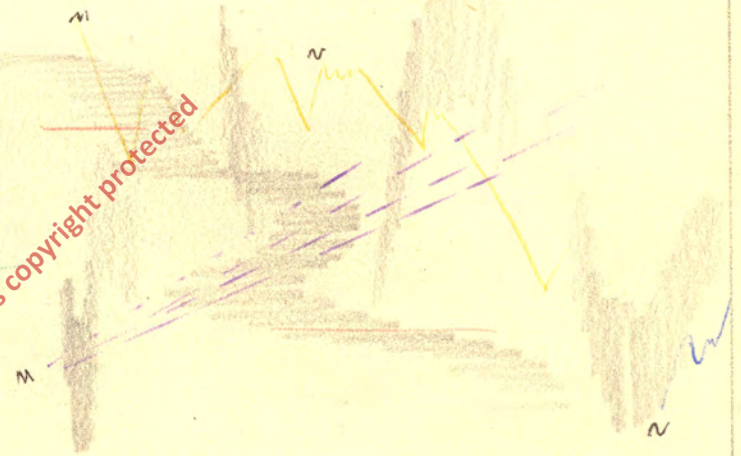
Hujende sirenelyd

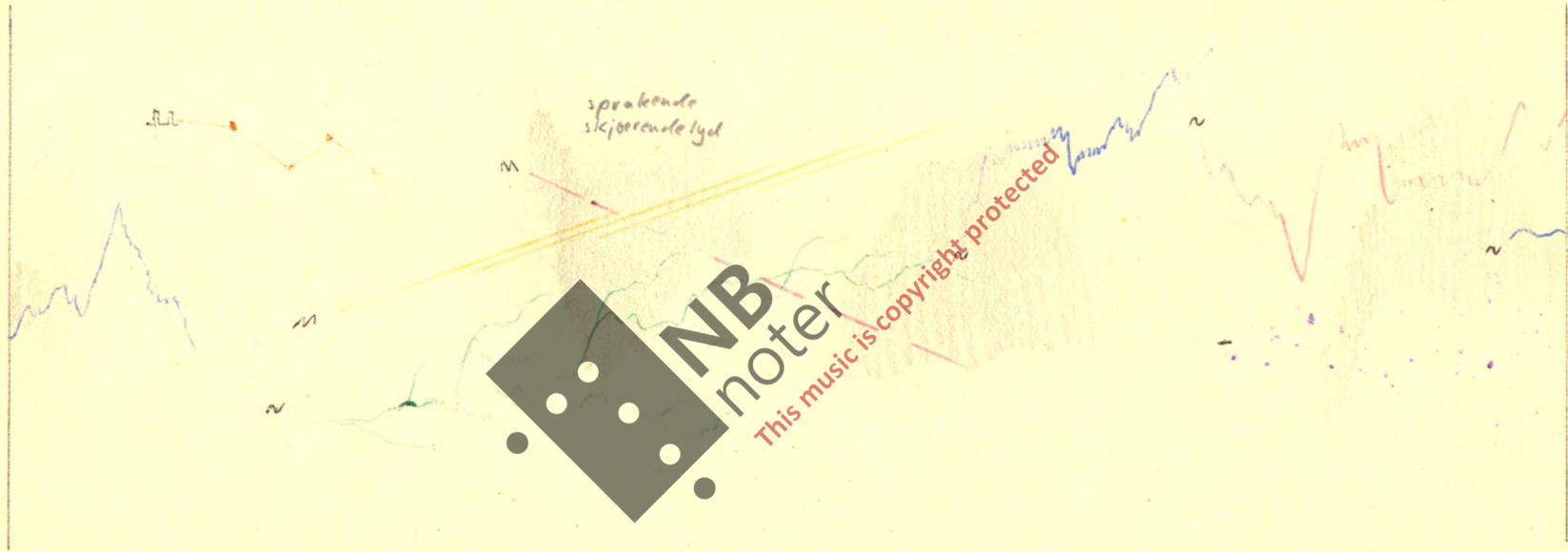
Klappelyd



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sprakende
skjørende lyd



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Brummende lyd

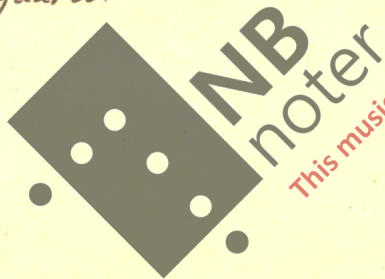


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21

40
KOSMOSYNTESE opus 43 nr. 4
for elektroniske stemmer og natura-
listiske lydarter.
Björn Fønyaard.



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Lydfrekvensområde: 16 Hz. < 20 000 Hz.

Lydstyrke: ■ ≈ 0 phon ■ ≈ 40 phon ■ ≈ 120 phon.

Lydarter: Natur-, organiske-, tekniske-, og elektroniske lydarter.

De elektroniske stemmers klangkvalitet er

tilnærmet: Rød ↔, orange ↔, gul ↔
grønn ↔, blå ↔, indigo ↔, violet ↔

Aleatorisk funksjon er anvist foran lyddet stemme.

Rumklang.

Tidsutstrekning: 1 sek. ≈ 1 cm.

MP3 notes
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