



COMBINATOR

IMPROVE YOUR STUDIO WITH OUR NEW HANDCRAFTED SPEAKERS



Key features

The Combinator by Trill is great for all kinds of music from hip-hop and trap music where you need a lot of bass around 30-50Hz, for pop, dance, rock or any other genre of music having beautiful and clear mids, very good air and a good punch and very fast transients.



The speaker was created to help you in your day-to-day work in the studio combining various types of technology that result in a high-quality product.

The passive radiator helps the high excursion low driver to reproduce very low frequencies.

The planar mid driver has the same technology used in very well known in the high-end planar headphones being recognized for the beautiful mid frequencies, incredible dynamics and excellent transient response and accuracy.

The ribbon tweeter completes the frequency response of the planar mid driver, being well known for having very fast transient response and being able to extend the frequency response of the loudspeakers up to 40kHz.





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Specifications

Type:

Active 3-way nearfield studio monitor

Ideally suited for:

Recording
Post Production
Mixing and mastering
Applications where high-quality sound reproduction is needed.

Driver units

Bass: 1x9" 230mm

High linear excursion +/- 10,5mm

Mid: 1x Planar MID driver

Excellent transient response and accuracy

High: 1x1" true ribbon tweeter

Low distortion, very fast transient response

Passive radiator:

1x10" 254mm extended bandwidth of the speaker.

Frequency response:

30Hz - 23kHz (+/- 3dB)

Directivity:

H +/- 40 degrees | V +/- 10 degrees

Amplifier output power:

Bass: 120W rms

Mid: 20W rms

High: 10W rms

Crossover frequencies:

430Hz & 4kHz

Maximum SPL:

110dB @1m (measured with music)

Amplifier features:

Auto shutdown

Clip protection

Thermal protection

Filter protection

Amplifier classification:

Class D with DSP

Signal-to-noise ratio (SNR):

118 dB

Distortion:

0.0015% THD+N



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Specifications

Circuit topology:

Ncore®

Input connections:

XLR Analog in/out

S/PDIF in/out

AES/EBU in/out

RCA in

XLR in/out

Optical in

USB connection (for configuration only)

Sample rate:

44,1 - 192 kHz

Dimensions:

H 38 cm

W 46 cm

D 33 cm

Weight:

19,5kg

Notes

*The reference listening axis is between the ribbon tweeter and the planar mid.

**They come in Left and Right speakers.

***We recommend placing them with the tweeter up and outside the listening center. As seen in the picture above.



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