



LANSCHÉ AUDIO



passive series



Specifikation

	No.3.1	No.5.2	No.7.2
Description	passive speaker	passive speaker	passive speaker
Design	2½-way speaker, bass reflex	3-way speaker, bass reflex	3-way speaker, bass reflex
Tweeter	1 x 0.3" CORONA plasmatweeter	1 x 0.3" CORONA plasmatweeter	1 x 0.3" CORONA plasmatweeter
Midrange	1 x 8" papyrus coated	1 x 6" papyrus coated	2 x 6" papyrus coated
Woofer	1 x 9" polyester	1 x 10" aluminium	2 x 10" aluminium
Crossover Frequencies	80 Hz / 2.5 kHz	200 Hz / 2.5 kHz	200 Hz / 2.5 kHz
Impedance (nominal)	8 Ω (min. 5.6 Ω)	8 Ω (min. 5.6 Ω)	4 Ω (min. 3.2 Ω)
Sensitivity (1W/1m)	92 dB	86 dB	89 dB
Frequency range (±3dB)	30 Hz - 150 kHz	21 Hz - 150 kHz	19 Hz - 150 kHz
Dimension	49.5" x 11.8" x 18.9"	49.5" x 11.8" x 18.9"	68.9" x 12.6" x 23.6"
Weight	51 kg (112 lbs.)	82 kg (180 lbs.)	160 kg (353 lbs.)

horn series



semi active series



Specifikation

CUBUS MK.2

Description	passive speaker
Design	3-way speaker, bass reflex
Tweeter	1 x 0.3" CORONA plasmaweeter
Midrange	1 x 19.7" aluminium, 2 in. HF
Woofer	1 x 18" paper coated
Crossover Frequencies	300 Hz / 2.5 kHz
Impedance (nominal)	8 Ω (min. 5.6 Ω)
Sensitivity (1W/1m)	95 dB
Frequency range (± 3 dB)	25 Hz - 150 kHz
Dimension	55.1" x 22.4" (13.4") x 25.6"
Weight	130 kg (287 lbs.)

No.4.2

semiactive speaker
3-way speaker, bass reflex
1 x 0.3" CORONA plasmaweeter
1 x 8" paper coated
2 x 10" aluminium (active)
2.5 kHz
8 Ω (min. 6.2 Ω)
95 dB
15 Hz - 150 kHz
44.1" x 11.4" x 20.0"
85 kg (187 lbs.)
1 x 1200 Watt (bass amplifier)

No.8.2

semiactive speaker
2½-way speaker, bass reflex
1 x 0.3" CORONA plasmaweeter
4 x 8" papyrus
2 x 18" paper coated (active)
2.5 kHz
8 Ω (min. 6.2 Ω)
94 dB
15 Hz - 150 kHz
78.7" x 15.0" (20.5") x 29.1"
400 kg (882 lbs.)
2 x 1200 Watt (bass amplifier)



CORONA plasma tweeter

The proprietary CORONA plasma tweeter, available only from us, forms the centerpiece of our loudspeaker systems.

Every one of our speaker models features this exceptional tweeter, which is largely responsible for our excellent reputation among professional sound studios and high-end audiophiles alike. You, too, can enjoy the near-magical precision and clarity of this tweeter.

This system contains no inductive voice coil, no inhomogeneous magnetic field, no resonance-bound membrane, no mass-spring system vibrating back and forth, and no non-linear suspension. All there is, in fact, is light and air.

The fascination of the CORONA plasma tweeter lies in the hard-to-describe lightness of treble reproduction, linked with an absolutely insane precision and speed, without having to accept even a hint of hardness.

The absence of any system-generated resonance in the whole transferred frequency range of 1.5kHz – 150kHz is remarkable!

No other system is capable of achieving this, regardless of the principle used. The plasma tweeter's mode of operation is responsible for this in that the sound is not sent out via a membrane consisting of a fixed material, but rather by the sound-transferring medium; the air itself.

An 8mm long arc is set up between an extremely small curved annulus in the middle of the combustion chamber and a high voltage outer electrode placed outside the tweeter's combustion chamber.

Thus the CORONA plasma tweeter stands apart in all sorts of ways from ordinary converter processes. With this tweeter we offer the quickest and best treble system in the world by far.



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