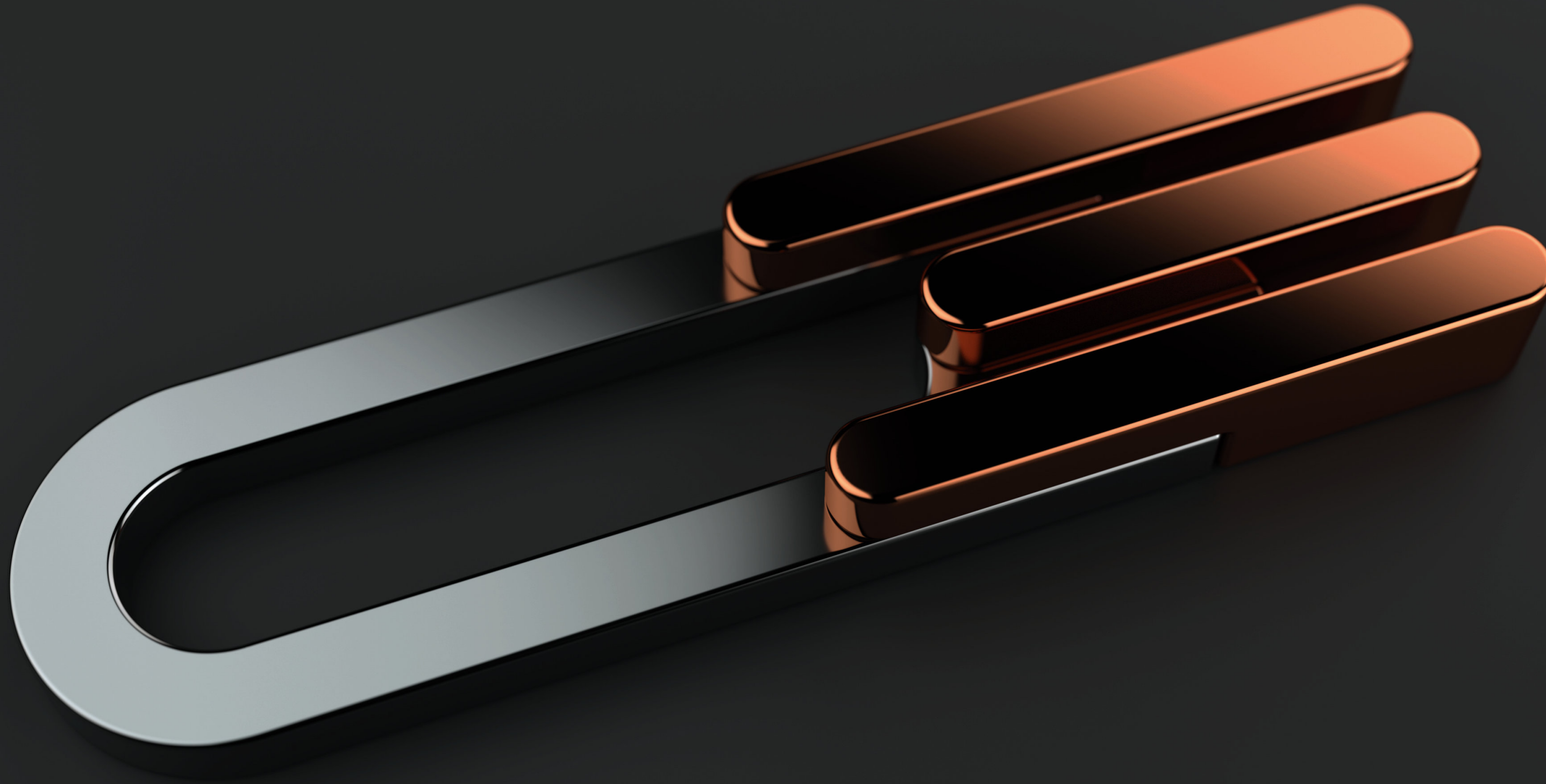




DUO SD

THE NEW ENTRY INTO THE WORLD OF DUO SOUND.



Excellence reinvented.

G3 stands for "Generation 3", the successor and next step up from our acclaimed XD series. Starting with the original Generation 1 models in 1993, this is the second time in 30 years that our technologies and product platforms have been completely renewed.

The G3 Series takes nature horn principle to its (il)logical extreme: sheer musical power unleashed through the use of unbridled efficiency coupled to an extended frequency range.

Optional with the iTRON^{AA} fully active modules – our patented GameChanger technology, with

which we directly control the acceleration of the membranes through a perfectly orchestrated current flow. For a perfect, distortion-free, crystalline and natural sound that almost sounds like live.

Incredible detail, stunning dynamic range – both loud and soft – fabulous spaciousness and huge, customizable bass performance – that's the G3 Series.

Highlights.

- New generation Evolution drivers for increased dynamics, lower distortion and even purer sound.
- Innovative XT2 tweeter with new 'Long Throw' Horn, extended Supertweeter frequency range and record-breaking distortion values.
- Co-planar arrangement for the acoustic centre of all drivers, for stunning musical and spatial coherence.
- NatureCap^{AA}, Avantgarde's unique, proprietary super-capacitor, with outstanding specs and incredibly delicate sound.
- Equipped as standard with the E-Fuse circuitry, an electronic fuse for an even more precise dynamic reproduction.
- Optional patented and fully active iTRON^{AA} Current Drive, for perfect control of driver output and the ultimate sound.
- Iconic and instantly recognizable design language, combined with future-proof modular technology for easy, future electronic upgrades.
- Piano lacquer finish of the bass cabinets and new elegant colour and design options for an even more individual configuration of your dream loudspeaker.



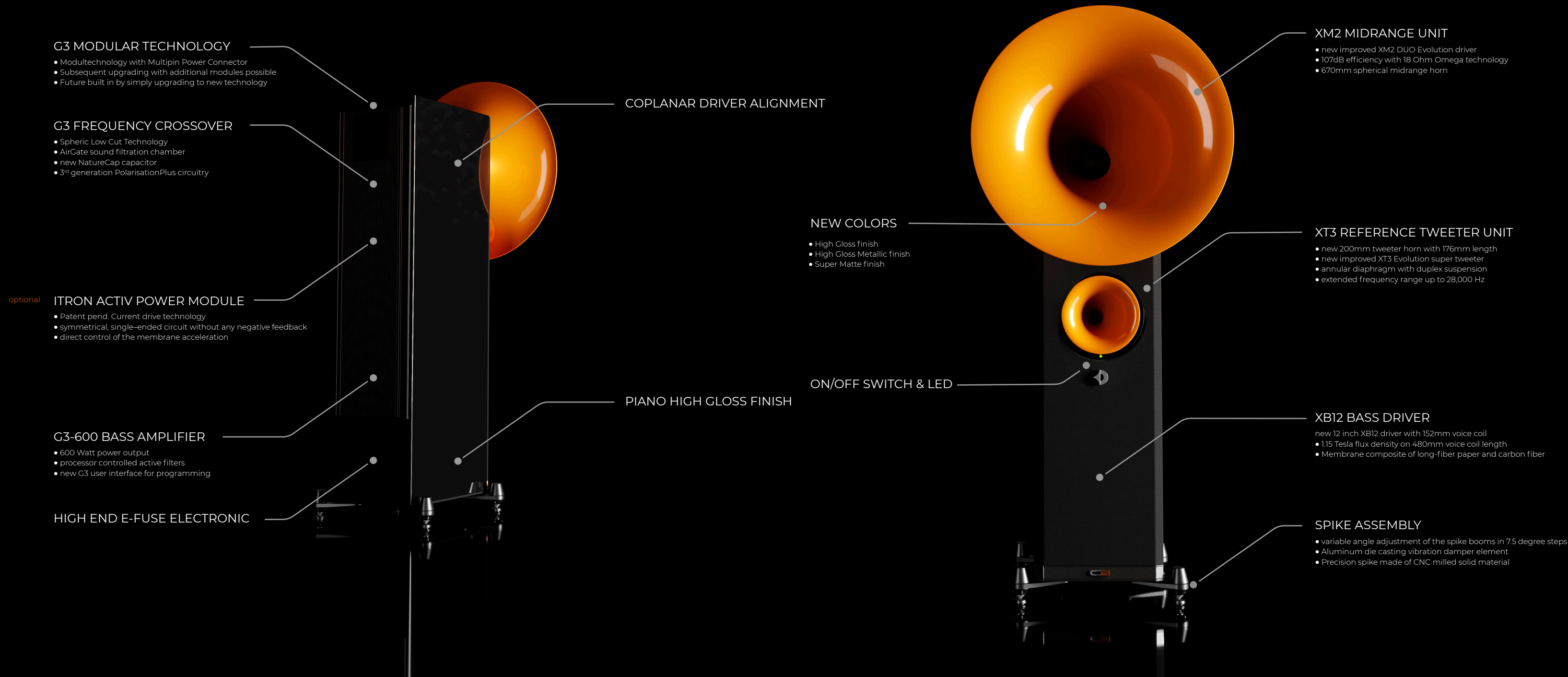
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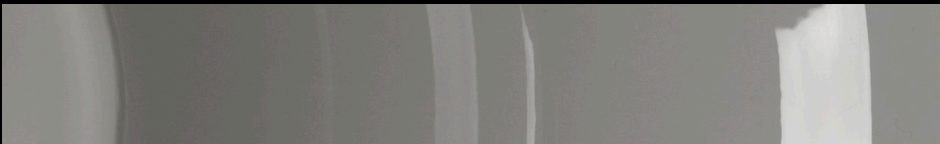
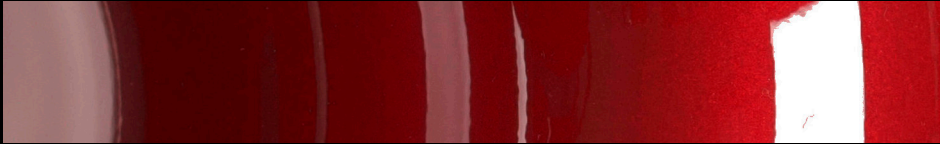
Reduction does not always mean just leaving out. Reduction often means creating awareness for the essentials. Or simply: concentration. The DUO SD with single drive bass unit is the concentrate of what makes a loudspeaker the perfect entry into the 'classic sound' of the DUO series.

Carefully minimized in the outer dimensions, superiorly improved in its technology.

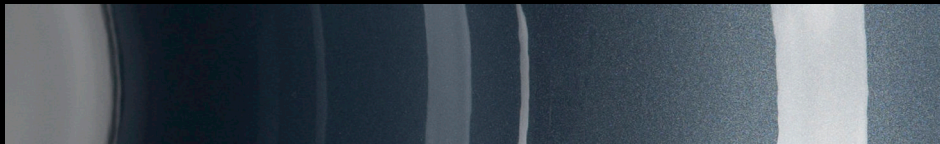
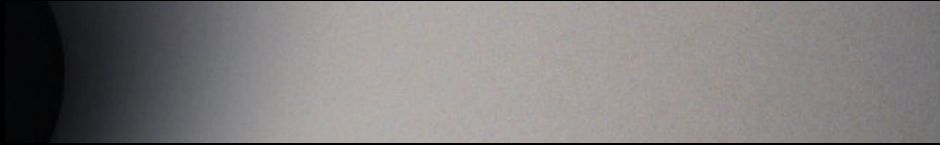
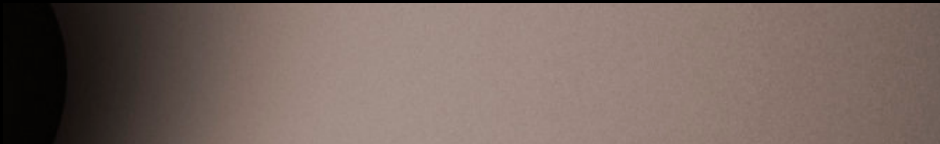
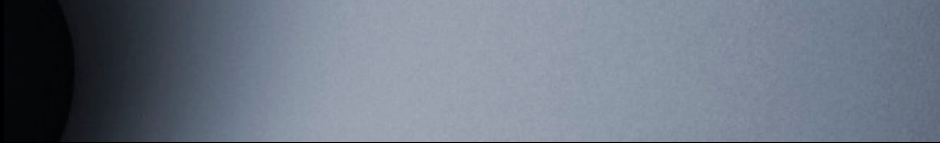
For a maximum Avantgarde listening pleasure.



Horn Colors.

	NO. C1 Andromeda. High Gloss Grey.	
	NO. C2 Black Hole. High Gloss Black.	
	NO. C3 Genuine Red. High Gloss Racing Red.	
	NO. C4 Total Eclipse. Metallic High Gloss Orange.	option
	NO. C5 Red Giant. Metallic High Gloss Dark Red.	option
	NO. C6 White Dwarf. Metallic Pearlescent White. (ex Akoya Pearl White)	option

Horn Colors.

	NO. C7 My Milky Way. Metallic High Gloss Silver.	option
	NO. C8 Very Venus. Metallic High Gloss Light Brown.	option
	NO. C9 Galactic Glow. Metallic High Gloss Blue.	option
	NO. C10 Nocturne Grey. Ultra Matte Light Grey.	option
	NO. C11 Goose Bump. Ultra Matte Light Brown.	option
	NO. C12 Audiophiles Heaven. Ultra Matte Blue.	option

Spezifikationen.

DUO SD



SYSTEM DATA			iTRON ELECTRONICS (option)		
Frequency range	Satellite	170 – 28.000 Hz	iTRON voltage/current converter technology	patent pend.	
	Subwoofer	18 – 350 Hz	Fully symmetrical circuit	yes	
Power handling		100 Watt	Single-ended circuit	yes	
Sensitivity (1watt/1m)		> 107 dB	Zero feedback	yes	
Crossover frequencies		170/3.500 Hz	Without negative feedback	yes	
Nominal impedance		18 Ohm	Power	2 x 100 Watt	
Recommended amplifier power		> 10 Watt			
Recommended room size		> 20 sqm			
Coplanar driver alignment		yes			
OmegaDrive ^{AA}		yes			
AirGate ^{AA}		yes			
NatureCap ^{AA} incl. PolarisationPlus ^{AA} circuitry		yes			
HORN					
Horn type		spherical Horn	Inputs	1 x SPKR Input	
Horn aperture angle		180 degree		1 x XLR Line Input	
Horn diameter	midrange	670 mm			
	tweeter	200 mm			
HORN DRIVER					
Diameter	midrange	170 mm / 7 Zoll			
	tweeter	25 mm / 1 Zoll			
BASS DRIVER					
Driver size		300 mm / 12 Zoll			
Number of drivers		1 x XB12			
Voice coil diameter		153 mm			
Flux density		1,15 Tesla / 480 mm			
Pole plate		low carbon steel			
Diaphragm material		Paper/carbon fibre compound			

Illustrations show pre-series models. Design and colour scheme of the final model may differ.
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Avantgarde Acoustic GmbH
Nibelungenstrasse 349
D-64686 Lautertal
Germany

Tel: +49.6254.306 100
email: info@avantgarde-acoustic.de
www.avantgarde-acoustic.de