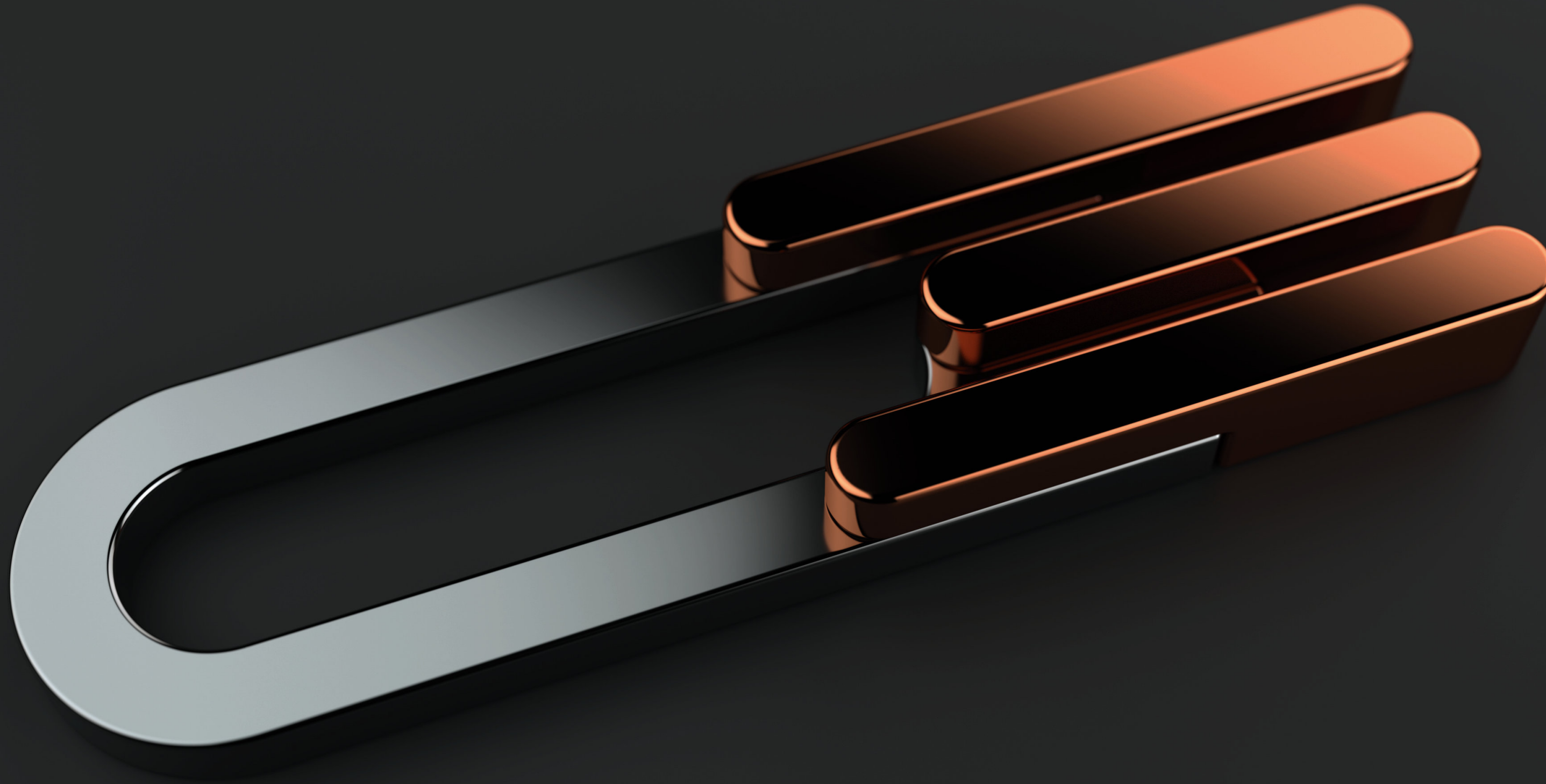




DUO GT

THE BEST DUO WE HAVE EVER DEVELOPED.



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.

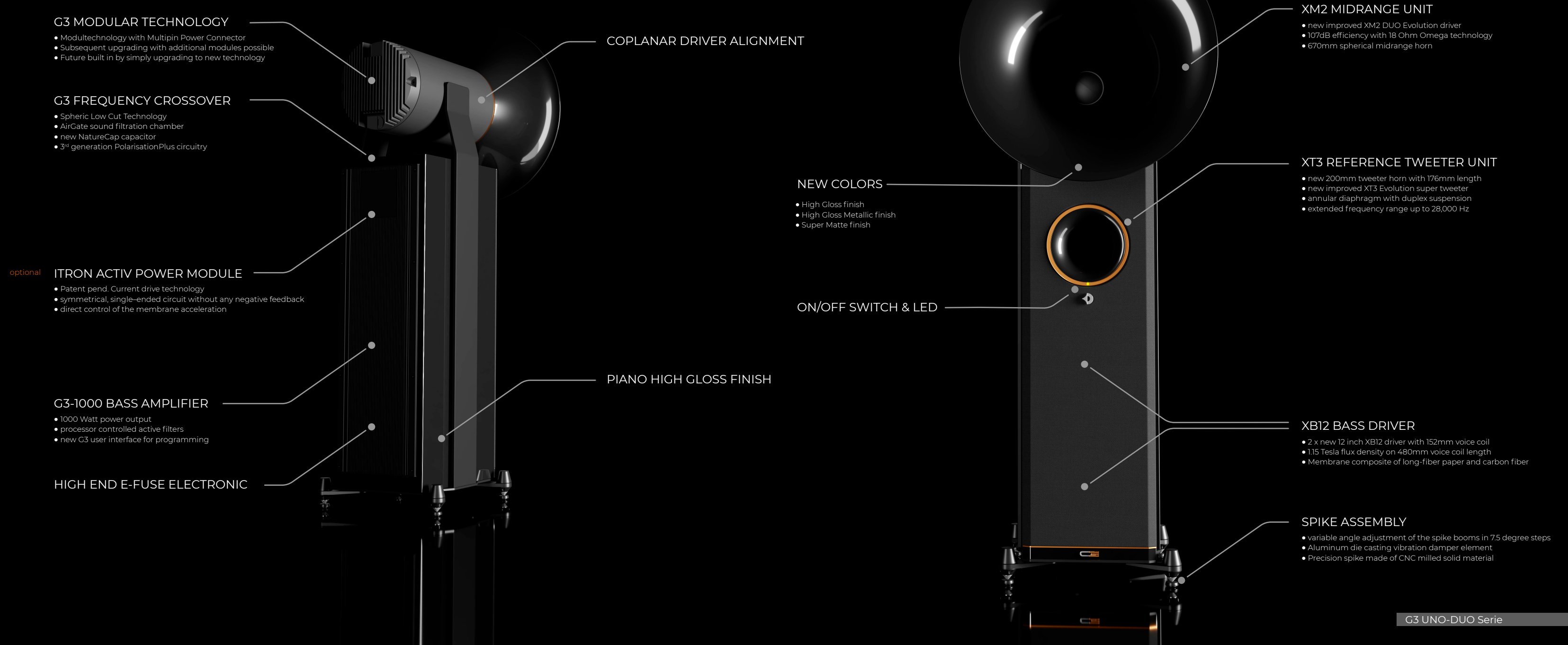


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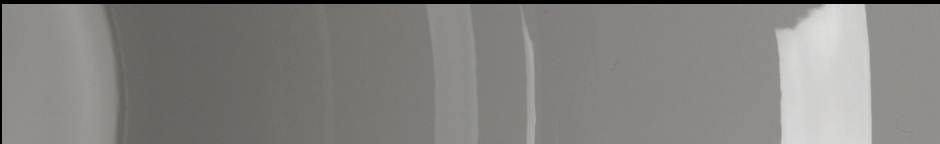
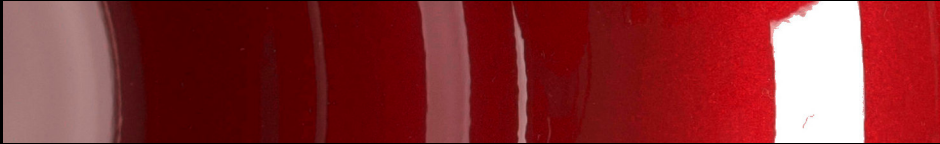
THE BEST DUO WE HAVE EVER DEVELOPED.

The DUO GT "Grande Twin" is the third evolutionary stage of a horn system that has been in Avantgarde Acoustic's portfolio since 1993. The proven innovative spherical horn architecture combined with the improved XM2 midrange driver, the new XT3 reference supertweeter from the TRIO and the XB12 bass drivers with huge voice coil from the SPACEHORN.

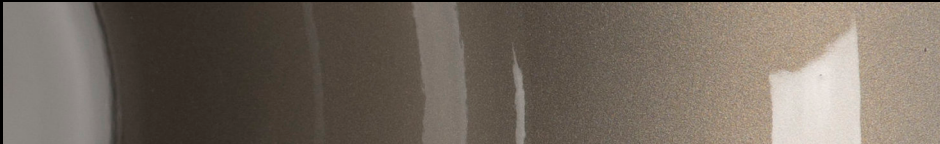
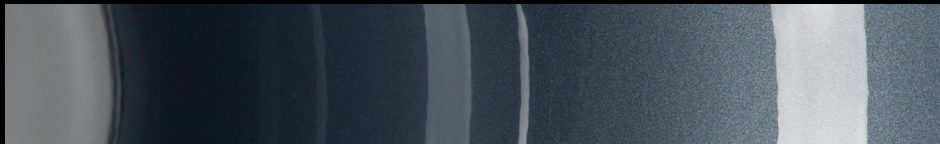
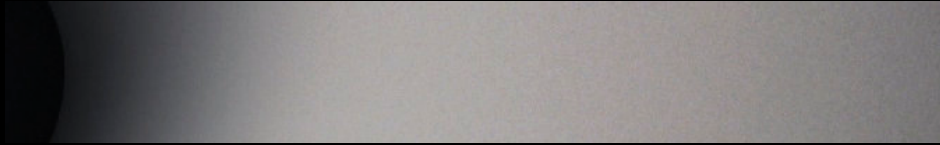
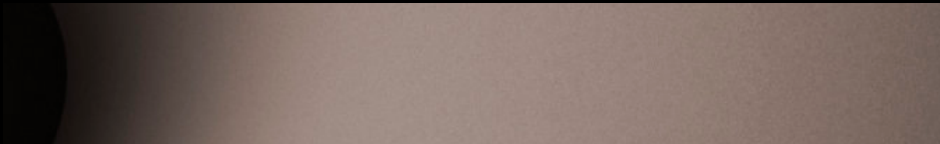
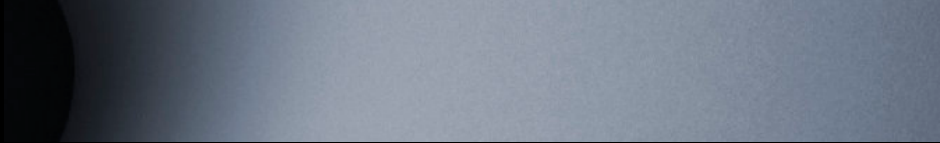
The same soul as 30 years ago, but with a different temperament. Darker. More sporty. Tighter. The best DUO ever.



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 GT



SYSTEM DATA

Frequency range	Satellite	170 – 28.000 Hz
	Subwoofer	18 – 350 Hz
Power handling		100 Watt
Sensitivity (1watt/1m)		> 107 dB
Crossover frequencies		170/3.500 Hz
Nominal impedance		18 Ohm
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
Horn aperture angle		180 degree
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		2 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

ITRON ELECTRONICS (option)

ITRON voltage/current converter technology	patent pend.
Fully symmetrical circuit	yes
Single-ended circuit	yes
Zero feedback	yes
Without negative feedback	yes
Power	2 x 100 Watt

BASS AMPLIFIER

Output power (RMS)	1 x 1.000 Watt
Digital crossover	DSP
Equalizer	8 Band EQ
Digitale room tuning	yes

Inputs

1 x SPKR Input
1 x XLR Line Input

MODULAR DESIGN

High Performance Multi Contact Connector	yes
Passive version	yes
Fully active version with iTRON amplifier	yes

DIMENSION/WEIGHT

Dimensions	Width	670 mm
	Depth	696 mm
	Height (+/- 10 mm)	1.732 mm
Weight		108,5 kg

Illustrations show pre-series models. Design and colour scheme of the final model may differ.
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