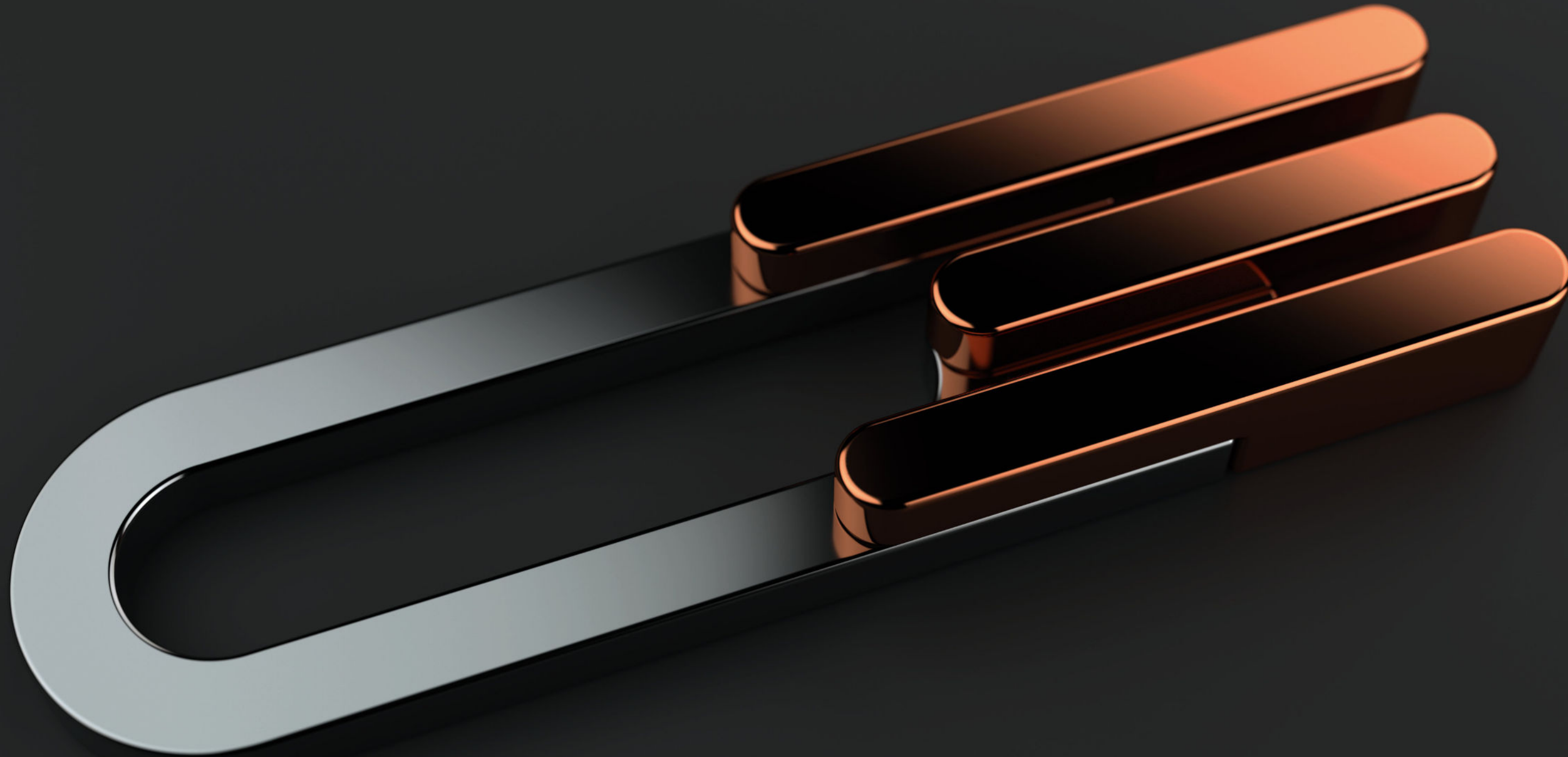


avantgarde
ACOUSTIC

uno SD

OUR MOST COMPACT STATEMENT.



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.



UNO SD

OUR MOST COMPACT STATEMENT.

Opposites are simply fascinating us:

A compact horn speaker with a capital sound performance. A distinctly reduced product design with downright lavish and sophisticated technology inside. That is the UNO SD.

The entry into the cosmos of our classic horn loudspeaker designs, and yet already a statement that knows only few competition.

G3 MODULAR TECHNOLOGY

- Modular technology with Multipin Power Connector
- Subsequent upgrading with additional modules possible
- Future built in by simply upgrading to new technology

G3 FREQUENCY CROSSOVER

- Spheric Low Cut Technology
- AirGate sound filtration chamber
- new NatureCap capacitor
- 3rd generation PolarisationPlus circuitry

optional ITRON ACTIV POWER MODULE

- Patent pend. Current drive technology
- symmetrical, single-ended circuit without any negative feedback
- direct control of the membrane acceleration

G3-600 BASS AMPLIFIER

- 600 Watt power output
- processor controlled active filters
- new G3 user interface for programming

HIGH END E-FUSE ELECTRONICS

COPLANAR DRIVER ALIGNMENT

PIANO HIGH GLOSS FINISH

NEW COLORS

- High Gloss finish
- High Gloss Metallic finish
- Super Matte finish

ON/OFF SWITCH & LED

XM1 MIDRANGE UNIT

- new improved XM1 Evolution driver
- 107dB efficiency with 18 Ohm Omega technology
- 500mm spherical midrange horn

XT2 SUPER TWEETER UNIT

- new 160mm tweeter horn with 145mm length
- new improved XT2 Evolution driver
- annular diaphragm with duplex suspension
- extended frequency range up to 22,000 Hz



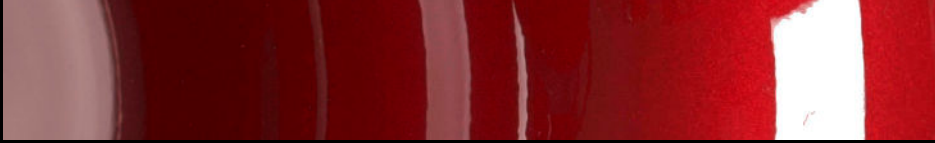

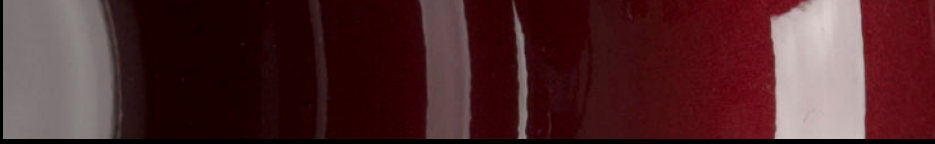

XB10 BASS DRIVER

- new 10 inch XB10 driver with 152mm voice coil
- 1.15 Tesla flux density on 480mm voice coil length
- Membrane composite of long-fiber paper and carbon fiber

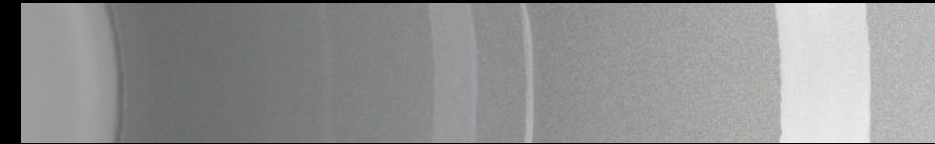


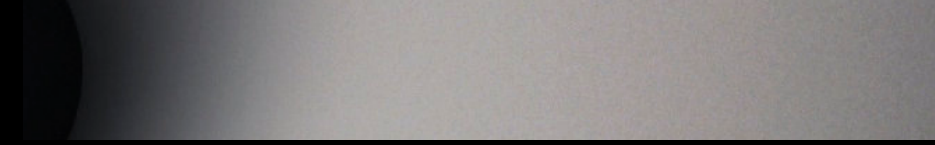
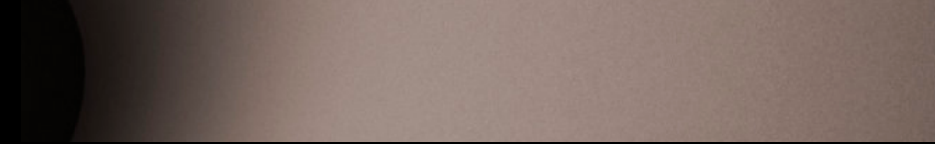
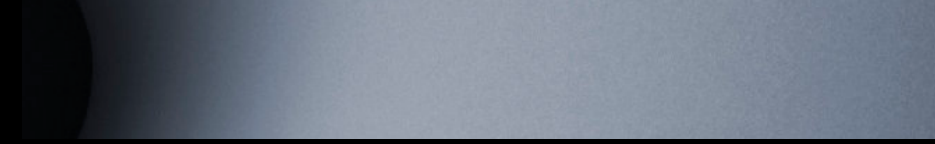
SPIKE ASSEMBLY

- variable angle adjustment of the spike booms in 7.5 degree steps
- Aluminum die casting vibration damper element
- Precision spike made of CNC milled solid material

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.

UNO SD



SYSTEM DATA

Frequency range	Satellite	290 – 22.000 Hz
	Subwoofer	18 – 350 Hz
Power handling		50 Watt
Sensitivity (1watt/1m)		> 107 dB
Crossover frequencies		290/2.800 Hz
Nominal impedance		18 Ohm
Recommended amplifier power		> 10 Watt
Recommended room size		> 16 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	500 mm
	tweeter	160 mm

HORN DRIVER

Diameter	midrange	127 mm / 5 Zoll
	tweeter	25 mm / 1 Zoll

BASS DRIVER

Driver size		250 mm / 10 Zoll
Number of drivers		1 x XB10
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 500 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	500 mm
	Depth	615 mm
	Height (+/- 10 mm)	1.355 mm
Weight		81,5 kg



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