



avantgarde
ACOUSTIC



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 – if required with integrated wireless network capa-

bility – 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, customisable bass performance – that's the G3 Series.

Highlights.

- New generation Evolution drivers for increased dynamics, lower distortion and even purer sound.
- Innovative XT2 & XT3 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.
- Optional integrated network capability, for direct streaming of content such Tidal[®], Spotify[®], DLNA[®], Roon[®], Airplay[®] creating the perfect plug & play system.
- 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

DUO SD

DUO ST

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

- Modultechnology 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

optional WIRELESS STREAMING MODULE

- Tidal®, Spotify®, DLNA®, Roon®, Airplay® compatible
- High Resolution DAC with Velvet Sound™ technology
- Power-Line-Connection (PLC) via the power grid
- TrueAnalog input

G3-600 BASS AMPLIFIER

- 500 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
- Silk Matte 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

DUO SD

THE NEW ENTRY INTO THE WORLD OF DUO SOUND.

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.

G3 MODULAR TECHNOLOGY

- Modul 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

optional WIRELESS STREAMING MODULE

- Tidal®, Spotify®, DLNA®, Roon®, Airplay® compatible
- High Resolution DAC with Velvet Sound™ technology
- Power-Line-Connection (PLC) via the power grid
- TrueAnalog input

G3-600 BASS AMPLIFIER

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

HIGH END E-FUSE ELECTRONIC

COPLANAR DRIVER ALIGNMENT

NEW COLORS

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

ON/OFF SWITCH & LED

PIANO HIGH GLOSS FINISH

XM2 MIDRANGE UNIT

- new improved XM2 DUO Evolution driver
- 107dB efficiency with 18 Ohm Omega technology
- 670mm spherical midrange horn

XT3 REFERENCE TWEETER UNIT

- new 200mm tweeter horn with 176mm length
- new improved XT3 Evolution super tweeter
- annular diaphragm with duplex suspension
- extended frequency range up to 28,000 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

DUO GT

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.

G3 MODULAR TECHNOLOGY

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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

optional WIRELESS STREAMING MODULE

- Tidal®, Spotify®, DLNA®, Roon®, Airplay® compatible
- High Resolution DAC with Velvet Sound™ technology
- Power-Line-Connection (PLC) via the power grid
- TrueAnalog input

G3-1000 BASS AMPLIFIER

- 1000 Watt power output
- processor controlled active filters
- new G3 user interface for programming

HIGH END E-FUSE ELECTRONIC

COPLANAR DRIVER ALIGNMENT

PIANO HIGH GLOSS FINISH

NEW COLORS

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

ON/OFF SWITCH & LED

XM2 MIDRANGE UNIT

- new improved XM2 DUO Evolution driver
- 107dB efficiency with 18 Ohm Omega technology
- 670mm spherical midrange horn

XT3 REFERENCE TWEETER UNIT

- new 200mm tweeter horn with 176mm length
- new improved XT3 Evolution super tweeter
- annular diaphragm with duplex suspension
- extended frequency range up to 28,000 Hz

XB12 BASS DRIVER

- 2 x new 12 inch XB12 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



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