



TRIANGLE

MANUFACTURE ELECTROACOUSTIQUE



40th
ANNIVERSARY

Two iconic models reinvented in a Limited Edition

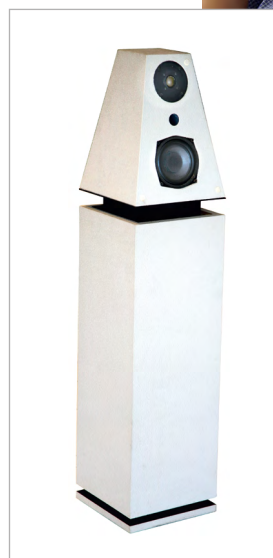
The Triangle legacy

A MORE MODERN EDITION

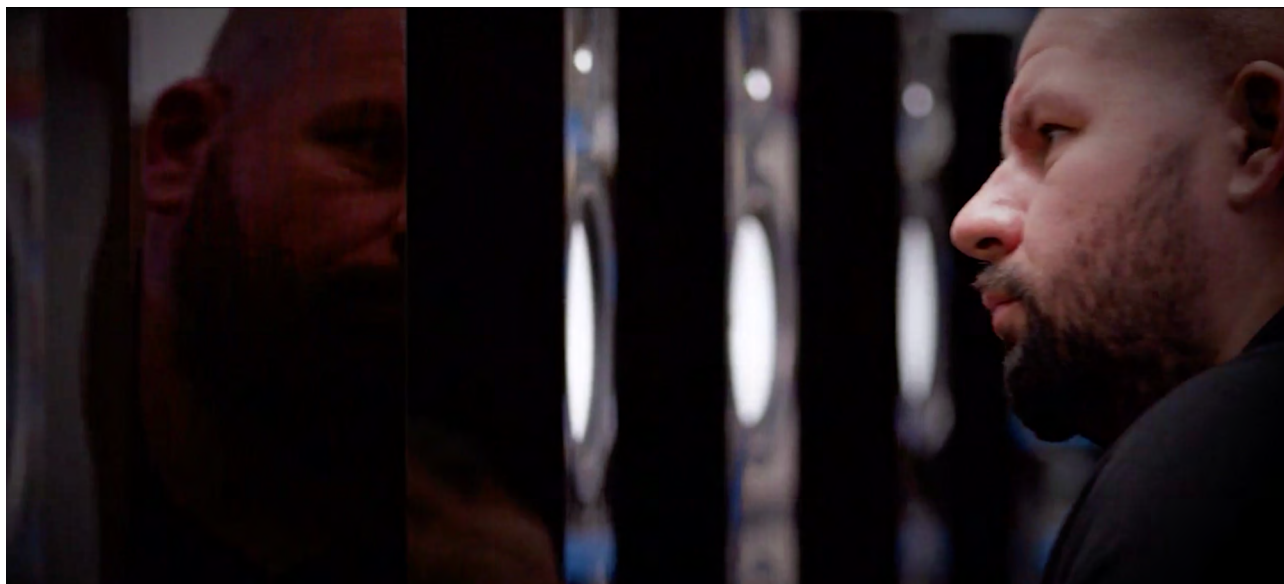
In 1980, Renaud De Vergnette, passionate about art and music, developed in his modest workshop an innovative loudspeaker, the 1180. This product marked the beginning of the TRIANGLE adventure. Bold new achievements, filled with technological innovations, slowly enabled TRIANGLE to really shine in the French high-fidelity sector.

40 years later, a limited “Anniversary” edition of two iconic speaker models celebrates the history and know-how of TRIANGLE.

Entirely redesigned and improved, the legendary speakers Antal & Comète feature the latest acoustic innovations from the R&D department. Between legacy and perpetual quest for innovation, these 40th Anniversary Limited Edition speakers embody the philosophy of TRIANGLE.



The 1180 speaker
1980



French craftsmanship



EXCEPTIONAL SOUND AND AESTHETICS

For the past 40 years, TRIANGLE has been designing and assembling its prestigious speakers in our workshop in Soissons. Our team of engineers works closely with production, thus ensuring unparalleled manufacturing quality and compliance with very precise and detailed specifications.

TRIANGLE's traditional craftsmanship is based on our employees' expertise, brought about from many years of experience, some of whom have been with the company for more than 35 years. The different components are controlled and carefully assembled, to achieve the utmost finish and acoustic quality.

Each speaker is subject to strict acoustic controls. The anechoic chamber, located within our factory, is a quality guarantee.

A numbered certificate of authenticity ensures the uniqueness of the loudspeakers produced at the factory. Each control or measurement document is carefully maintained.



An artisanal production

TWO ICONIC MODELS IN LIMITED EDITION

Antal and Comète are two emblematic models of the brand, improved over the years through various innovations and research breakthroughs from TRIANGLE.

They reflect the philosophy of the company: making sound accessible to the widest variety of customers possible through simple processes designed to foster emotion.

Horn-loaded tweeters and small pleat midrange drivers made out of cellulose paper are the key markers of this Anniversary range, the soul of these two speakers.



ANTAL 40th

ANTAL 40th features a new rose gold anodized magnesium dome tweeter, developed exclusively for the two 40th Anniversary models.

It is equipped with two bass drivers inspired by the Australe speaker from the Esprit Ez range, thus ensuring a remarkable delivery of the lower frequencies.

The rich and clear sound of the midrange driver made out of natural cellulose paper TRIANGLE is known for, perfectly complements this acoustic design with surprising performances.

This speaker will fit beautifully in rooms ranging from 30 to 50m².



COMÈTE 40th

The second iconic model of the brand, the Comète, a more compact speaker, incorporates the basics of the Antal 40th.

It is equipped with a midrange/bass driver in natural cellulose paper, this time with an engine and suspensions adapted for a wider spectrum of sound.

With its dedicated speaker stand, the S04 40th Anniversary, this speaker will be perfect for rooms smaller than 25m².

A timeless design

PRESTIGIOUS MATERIALS

The 40th Anniversary Edition features high quality woodwork, with the technical characteristics of the brand's emblematic products: Signature and Magellan.

High-density cabinet and optimized internal reinforcements offer this range a proven rigidity, without any perceptible coloration. A wood veneer embellishes these splendid speakers.



A timeless design



WOOD & ROSE ALUMINUM

Two new shades of wood add undeniable elegance to this 40th Anniversary Edition.

The various tints and wood grains of the Santos rosewood are enhanced by a glossy finish for a unique look with enchanting reflections.

The blond Sycamore shade seduces by its elegance and serenity. Adorned with a single layer of mat varnish, the material and nature of the wood take center stage.

A subtle rose gold anodization of the speaker's ornamental trims completes this limited edition.

A noble & unique product, reflecting the quality of TRIANGLE.



Innovative materials

IN SEARCH OF ACOUSTIC PERFECTION

In the quest for innovation, the R&D team of TRIANGLE has developed new components. Each aspect of this 40th Anniversary Edition is the result of a careful optimization effort. Nothing has been left to chance, for a single purpose: the sharing of emotions.

Horn-loaded tweeter TZ2520MG

New magnesium dome for high performance

The horn-loaded tweeter TRIANGLE is known for uses a metal dome in combination with a compression chamber.

In this 40th Anniversary Series, the unprecedented use of a composite dome in rose gold anodized magnesium, offers the tweeter high efficiency, controlled distortion, and excellent directivity. Magnesium combines two desired qualities: lightness and rigidity.

The dome is designed specifically to support the coil, ensuring even and homogeneous alignment. This design also offers high consistency during production.



*Decomposition of a 40th
Limited Series tweeter*

Innovative materials

Midrange in cellulose paper membrane

Paper membrane for natural vocals

Since the beginning, TRIANGLE has supported the use of paper membranes in its midrange drivers. This material offers a precise and lifelike vocal reproduction. Associated with a small pleat and peripheral short travel suspension, the vocal range is perfectly controlled.

True to its legacy, but always searching for ways to improve, our team has developed a new material made out of 100% natural cellulose paper. It is a paper fiber without any surface treatment, supplying a natural sound without coloration.

The 40th Anniversary Edition also benefits from a new cone profile, improving the frequency response especially in low frequencies. By offering a more linear signal, it limits the use of filtering components which interfere with the purity of the sound.



New generation of bass drivers

Providing a significant performance upgrade, the Antal 40th incorporates a new generation of bass drivers for high impact and musicality.

The extremely rigid membrane is a unique composition of two types of wood pulp coupled with flax combined with carbon fiber, limiting distortion despite its long throw. The driver has a generously sized engine, ensuring excellent control and great sharpness. The Antal 40th delivers deep bass, with a clean and detailed sound.

Carefully selected components

Cables

To ensure perfect transmission of the music, the 40th Anniversary Edition uses high-end cabling inspired by the Signature Series. It combines two insulated copper conductors to offer a delivery adapted to the different frequencies of the signal spectrum. A PVC jacket covering the entire cable, mitigates any electromagnetic disturbance. The conductors are in oxygen free copper, "OFC", known for its transmission qualities and accuracy of tone.

Filtering

The filter design ensures a balanced listening experience, each component is carefully selected: air core coils, MET capacitors and ceramics resistors.



Terminals

The terminals of the 40th Anniversary range are in rose gold anodized brushed aluminum. The custom-designed, insulated terminals can accommodate a 5mm diameter cross-section cable. They can also accommodate banana plugs with a locking system.

Allowing bi-wiring for the Antal 40th and single-cable connection for the Comète 40th, the terminals of this limited edition provide an ideal signal conduction.



Attention to detail

Spikes and dedicated speaker stands for an optimized acoustic seal

To complete this experience, each speaker of the 40th Anniversary Edition is supplied with an accessory kit, to optimize its positioning according to its placement.

This accessory kit offers two sets of decoupling spikes: the first one in rose gold aluminum, adjustable in height and provided with lock nuts for surfaces like carpets, and the second one in rubber for more rigid surfaces. These accessories enable decoupling by significantly reducing the transmission of unwanted vibrations to the floor, thus improving the listening experience.

The S04 40th Anniversary speaker stand will be perfect for the Comète 40th speakers. The speaker can be screwed to the stand for more rigidity, decoupling will then be done at the base, following the same principle as the Antal 40th. The foot can also be filled to better absorb vibrations. It includes cable routing at the rear for harmonious and discreet integration



Technical specifications

40th Limited Edition



Spécifications Techniques Technical Specifications	COMÈTE 40 th	ANTAL 40 th	SUPPORT 40 th
Type	Bass-Reflex	Bass-Reflex	Pied d'enceintes
Nombre de voies Ways	2	3	—
Sensibilité Sensitivity (dB/m)	92	91	—
Bande passante Bandwidth (+/-3dB Hz-Khz)	47-22	37-22	—
Puissance admissible Power handling (W RMS)	90	140	—
Impédance minimum Minimal impedance (ohms)	4.2	3	—
Dimensions (mm, LxPxH) Dimensions (inch, WxDxH)	200x324x400 7.8x12.7x15.7	200x345x1090 7.8x13.6x42.9	320x260x704 12.6x10.3x27.7
Dimensions avec pied (mm, LxPxH) Dimensions with pedestal (inch, WxDxH)	-	300x424x1128 11.8x16.9x44.4	-
Poids Net (Kg) Net Weight (lbs)	8.8 (pièce) 19.4 (piece)	26.8 (pièce) 59 (piece)	8.6 (paire) 18.9 (pair)
Poids Net avec packaging (Kg) Gross Weight (lbs)	17.6 (paire) 38.8 (pair)	29.8 (pièce) 65.7 (piece)	10 (paire) 22 (pair)



TRIANGLE

MANUFACTURE ELECTROACOUSTIQUE

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