



TRIANGLE

MANUFACTURE ELECTROACOUSTIQUE

HIGH FIDELITY COLLECTION



WWW.TRIANGLEHIFI.COM

Summary

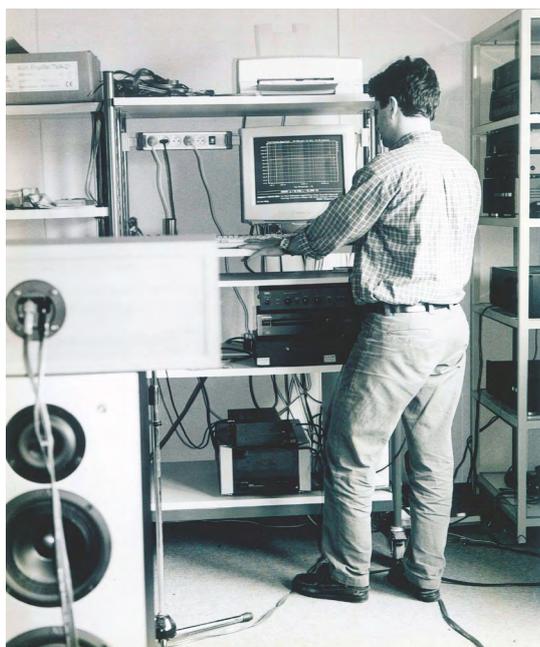
MANUFACTURE	2
CRAFTSMANSHIP	4
ACOUSTIC EXPERTISE	6
OUR SOUND SIGNATURE	8
MAGELLAN	11
SIGNATURE	15
40 TH ANNIVERSARY	19
ESPRIT EZ	23
BOREA	27
AIO	31
ACTIVE SERIES	35
SECRET	37
SUBWOOFERS	41
SPEAKER STANDS	43
LECABLE	45
TECHNICAL INFORMATIONS	46



TRIANGLE

MANUFACTURE ELECTROACOUSTIQUE

Manufacture



40 YEARS OF PASSION

TRIANGLE consists of a team of enthusiastic engineers and technicians, who have developed, designed and assembled hifi speakers in France for more than 35 years. From the very first day, our focus has been on delivering a clear and detailed sound that enables the listener to fully enjoy all the emotional wealth of the greatest musical masterpieces.

TRIANGLE constantly develops and re-invents its products to offer music lovers a sound reproduction without compromise.



FRENCH MANUFACTURE

Created in 1980 by Renaud de Vergnette in Soissons, TRIANGLE has proudly shown the world its passion for sound reproduction devices for the past 40 years.

With products manufactured in Soissons in Picardy, TRIANGLE legitimately claims to be Made in France.



UNIQUES PRODUCTS

Since the very beginning, TRIANGLE has made technological research and innovation its principal priorities, with the aim of offering music-lovers a natural sound of the highest quality.

An enthusiastic team of engineers and technicians, constantly seeking to improve and innovate, are part of what makes TRIANGLE loudspeakers unique. Each component is designed, engineered and developed, according to technical innovations and solutions that are exclusive to TRIANGLE.

Craftsmanship

LUXURY HANDCRAFT

For the past 40 years, TRIANGLE has been designing and assembling its prestigious speakers in our workshop in Soissons. The team of engineers is working 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' long 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.



DRIVER CRAFT

The high-end transducers assembled in our workshop in Soissons are controlled at each production stage to meet TRIANGLE quality requirements.

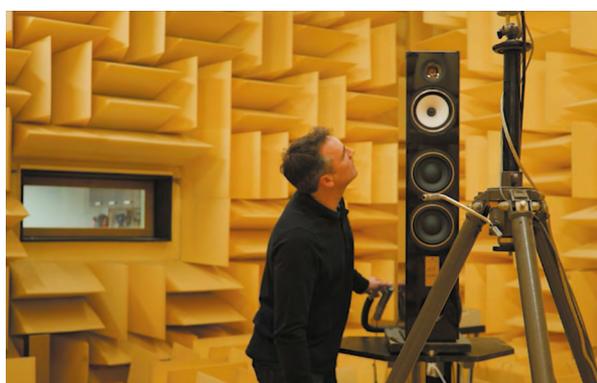
Many measurements and controls are done to detect any imperfections: centering control, coil positioning, hearing test for noise, and final control by CLIO of the frequency response curve and impedance.

All these tests guarantee a high level of quality and a very limited dispersion between the drivers.



ASSEMBLY OF THE SPEAKERS

The parts are manufactured and assembled with millimeter precision to offer an irreproachable finish and acoustics.



CONTROL & QUALITY

Numerous acoustic tests are carried out throughout the process to ensure the compliance of each component.

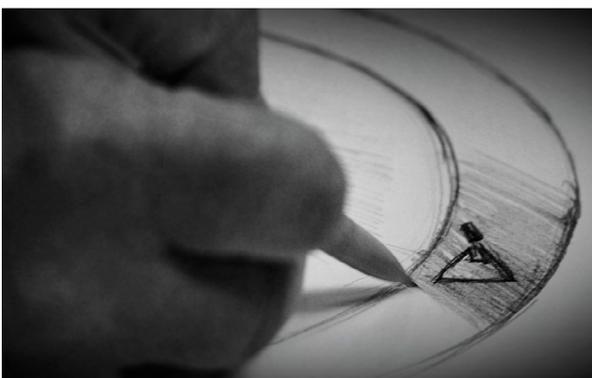
Each speaker is tested in the anechoic chamber, a sample is then taken and listened to in the auditorium.

Acoustic expertise

SOUND ENHANCING TECHNOLOGY

TRIANGLE continuously invests in the latest technology to innovate and improve its acoustic expertise. A Klippel system is used to conceive and simulate the loudspeakers.

Modern prototyping tools, 3D printers, the latest CAD software, as well as MLSSA and CLIO measuring systems, enable the company to put theory into practice.



CONCEPTION

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: sharing emotions.

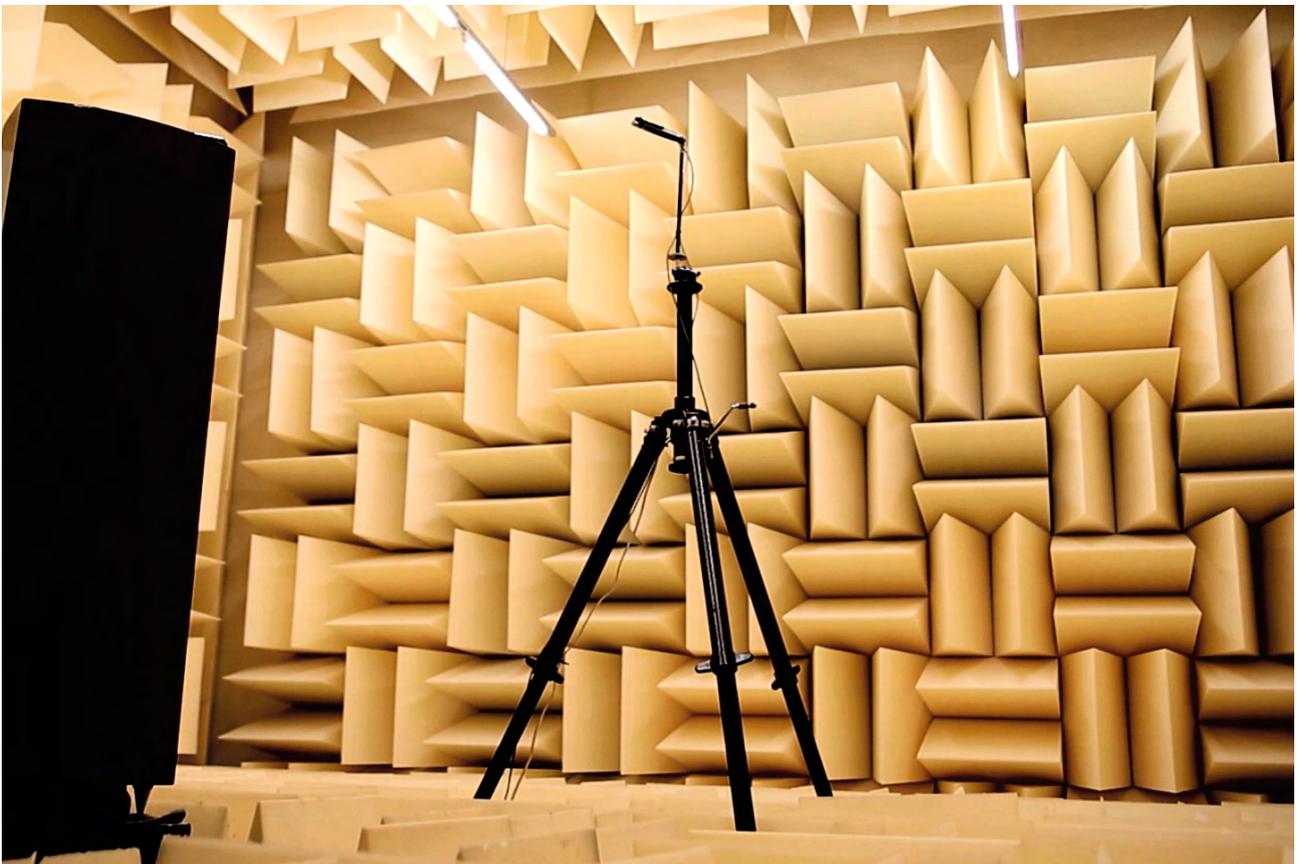
DESIGN

Multiple and long researches on the materials to be used and the finishes to be combined make it possible to offer our ranges a timeless and modern aesthetic at the same time.

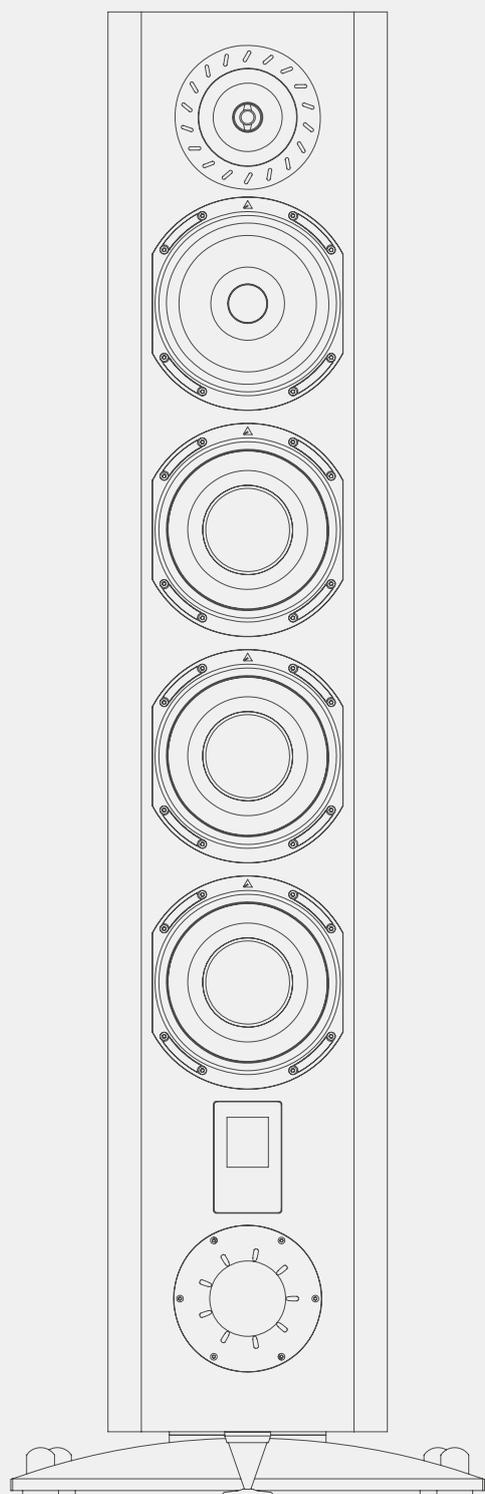
Meticulous work to offer a noble and unique product expressing the TRIANGLE character.

SERIOUS ACOUSTIC CHECKING

Numerous acoustic tests are carried out throughout the process to ensure the compliance of each component. Each speaker is tested in the anechoic chamber, a sample is then taken and listened to in the auditorium.



Our sound signature



THE PURSUIT OF LIVE SOUND

TRIANGLE sound is built on a decision to develop « high performing » speakers to share the emotion of live performance.

Dynamic

Our horn-loaded tweeter increases the overall efficiency of the speaker, thereby producing tremendous energy and vitality.

Light

To create an excellent realism, as well as the finesse and details of each instrument, TRIANGLE uses light and resistant materials to maintain maximum information levels even at low volume.

Fast & Accurate

The woofers are designed to assure that the bass driver moves quickly and precisely. The full control of the bass allows the medium to work freely.

The secrets of Triangle sound



HORNLOADED TWEETER

A real TRIANGLE trademark of technology and performance, the horn loaded tweeter uses a titanium dome in combination with a compression chamber. This technology provides high efficiency with low distortion and excellent directivity.



MIDRANGE

TRIANGLE favours cellulose pulp membranes (paper) for the midrange drivers, due to the low weight and high rigidity. Combined with the small pleated suspensions, this assures low coloration, amazing accuracy and quality of voices.



WOOFER

The woofers have a glass fiber membrane, with an inverted half-roll suspension, to assure the driver stops quickly and precisely. This technology prevents any unwanted resonance and produces top quality sound.



Magellan

THE ULTIMATE ACHIEVEMENT

Magellan is the jewel in the crown, a magnificent blend of TRIANGLE, craftsmanship, pure luxury and cutting edge technology.

The ambitious Magellan program represents five years of research, and a passionate No-compromising quest for perfection. It is a harmonious combination of fine materials and the latest technology, taking every detail to the utmost limit of perfection.

Magellan is a rare precision-piece, manufactured by expert hands, to be cherished and rediscovered every single day.



QUATUOR



CELLO



DUETTO



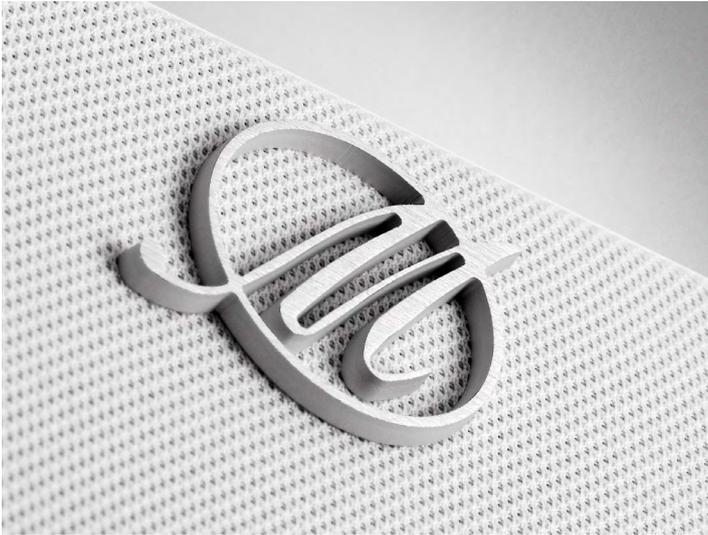
VOCE

★ Awards

Diapason d'Or
What Hifi? - 5 stars
Haute Fidélité - *Best buy*

AVAILABLE FINISHES

Black Piano Lacquer
White Piano Lacquer
Mahogany



Magellan

The core of technology

UNIQUE CABINET DESIGN

MAGELLAN enclosure went through an elaborate series of tests to make sure they are rigid enough to withstand the powerful vibrations generated by the woofers at high volume levels. We took great care in rigidifying our enclosures, basing the design on exhaustive measurements by means of laser-beam accelerometer. As a result we can eliminate almost all of the unwanted vibrations while controlling the structural behavior of the enclosures themselves.

LHS2

This system consists of a heat sink ring in contact with the back of the yoke – the heat conduction ring. This ring collects heat dissipated from the core and the yoke and brings it to a finned cover. It results an increase in power handling capacity to 200 Watts RMS per woofer. This effective heat dissipation system protects from any risks of thermal runaway improving greatly the overall drivers performance. We recorded a difference of 20° on average over 120 minutes, with a pink noise registered at 100 watts and filtered with high pass at 80Hz.

RPC

REGULATED PHASE CROSSOVER

The crossover was designed primarily to give the final product the best possible musical characteristics. What makes MAGELLAN line unique is modeling the crossover characteristics to those of the drivers in order to achieve a very steep cut-off and an excellent phasing.

The drivers' impedances were linearized for more efficient performance between the amplifier and speaker. This modified impedance acts almost as a pure resistance, allowing the amplifier to work very efficiently. The TRIANGLE RPC system provides a reduction in both phase distortion as well as speaker directivity. As a result, the position of the listener will have little effect on the listening experience.



Signature

THE ART OF SOUND WITH A FRENCH TOUCH

The Signature range is the result of the hard work and expertise of the TRIANGLE craftsmen.

Each speaker is a form of luxury craftsmanship, made and assembled with uncompromised precision, in view of achieving crafted perfection and irreproachable sound.

Benefiting greatly from the R&D carried out for the development of the Magellan range, SIGNATURE combines the finest woodwork with TRIANGLE's acoustic expertise.



ALPHA



DELTA



THETA



GAMMA

★ Awards

Stereophile - *Class A*
What HiFi? - *5 stars*
On Mag - *Coup de cœur*
Stereoplay - *Highlight*
Diapason d'Or

AVAILABLE FINISHES

Black Piano Lacquer
White Piano Lacquer
Mahogany



Signature

Exclusive technologies by TRIANGLE

SEMI POD-MOUNTED TWEETER

TRIANGLE first used the pod-mounted tweeter when the company designed the CX2 speaker back in 1981.

TRIANGLE is updating this technology, which features a semi pod-mounted tweeter. This positioning feature guarantees balanced control of both resonance from the front of the cabinet and diffraction caused by changes in the cabinet's shape.

This assures a more transparent, open, and richer listening experience. The sound elements are more detailed, accurate and the result is an amazing three-dimensional combination.

TWIN VENT : SOLID BASS

What makes the Twin Vent original is that it discharges through a single vent the rear sound waves created by the bass drivers. This system ensures that each driver is completely isolated.

Increasing the volume of the sound does not disrupt the tonal balance; the only remaining distortion limit is the driver's mechanical characteristics. The results in terms of power handling are amazing. The listening experience offers dynamic, solid, well-sustained bass.

SPEC: SINGLE POINT ENERGY CONDUCTOR

The SPEC (Single point energy conductor) is a brushed steel point. Like the cello, it evacuates part of the mechanical energy towards the floor, thus improving sound quality.

Cabinet vibration is kept to the minimum and has little effect on sound reproduction. TRIANGLE's attention to detail makes all the difference.



1980 - 2020
40th
ANNIVERSARY
ANTAL
ASSEMBLED IN
SOISSONS, FRANCE

TRIANGLE

40TH ANNIVERSARY

THE TRIANGLE LEGACY

In 1980, Renaud De Vergnette, passionate about art and music, developed in his modest workshop an innovative loudspeaker, the 1180. 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 models celebrates the history and know-how of TRIANGLE.

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



ANTAL 40TH



COMETE 40TH



S04 40TH

★ Awards

Stereo Test - *5 stars*
Diapason d'Or
Hi-Fi World - *Outstanding Product*
Hi-Fi News - *Highly Commended*

AVAILABLE FINISHES

Santos Rosewood
Blond Sycomore



40TH ANNIVERSARY

Exclusive technologies by Triangle

NEW MAGNESIUM DOME

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.

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.

DEDICATED SPEAKER STANDS

Each speaker has 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.



TRIANGLE
ESPRIT
ANTH 81

ESPRIT EZ

DESIGN, MUSICALITY & ENJOYMENT

ESPRIT Ez is the genuine materialization of TRIANGLE's philosophy: it offers music lovers an uncompromising, dynamic and living sound, which conveys all the finesse and beauty of any musical composition.

It features a sleek design that compliments the excellent sound. The loudspeakers' clean and sharp lines are underscored by aluminum trims with concealed screws. The floorstanders sit on a glass pedestal with adaptable spikes. The ESPRIT EZ speakers are desirable and aesthetic objects that blend perfectly into your home environment.



AUSTRALE EZ



ANTAL EZ



COMÈTE EZ



TITUS EZ



VOCE EZ

★ Awards

Les Numériques - *5 stars*
What HiFi? - *5 stars*
Classica - *Choc*
Stereoplay - *Highlight*

Diapason - *5 stars*
Vidéo HD - *5 stars*
Hi-Fi Choice - *Recommended*
VUmètre - *Remarquable*

AVAILABLE FINISHES

Black High Gloss - White High Gloss
Black Ash - Chestnut
Brown Mapple Wood Veneer



AUSTRALE EZ

The innovation of the Esprit range

DPS

DYNAMIC PULSE SYSTEM TECHNOLOGY

Australe EZ integrates a second tweeter at the rear of the speaker, expressing the most high frequencies without interfering with the signal emitted from the front of the speaker.

DPS technology improves the imaging and reduces directivity by providing an almost holographic restitution of the soundstage. The spot of the listener in relation to the speaker is therefore less critical. He can thus fully enjoy an unforgettable musical experience, and this anywhere in the room.

MIDRANGE DRIVER : NATURAL CELLULOSE PAPER CONE

Made out of 100% natural cellulose paper, white membrane is used to avoid any coloration. It is combined with a small pleat peripheral suspension to increase the emissive surface area. Special attention has been paid to a number of details in the development of the midrange: the profile of the membrane, the shape of the suspension, and the new dust cap, are directly inspired from the MAGELLAN project.

NEW GENERATION OF WOOFERS

Australe Ez is the first model featuring the new generation of woofer. Its membrane uses a new composite material, made of wood pulp and carbon fiber, which has the property of guaranteeing high rigidity and low mass for fast and powerful bass. A motor made of an oversized ferrite and voice coil feeds the membrane, allowing it to go down to 29Hz. The woofer restores an intense bass that provides a real physical impact of low frequencies.



TRIANGLE

BOREA

HIGH FIDELITY FOR ALL

With Borea, access the Triangle universe with a limited budget, while maintaining quality and acoustic performance.

Directly inspired by Esprit Ez, it integrates the best of previous developments and bring innovative breakthrough in terms of acoustics and engineering.

Its clean and elegant design with no screws and magnetic grills makes Borea speaker an incredible value for money on both acoustics and aesthetics.



BR09

BR08

BR07

BR03

BR02

BRA1

BRC1

★ Awards

What HiFi? - 5 stars

What HiFi? - Product of the Year 2021

Diapason d'Or

Eisa Award 2020-2021

Stereoplay - Highlight

Hi-Fi - Recommended

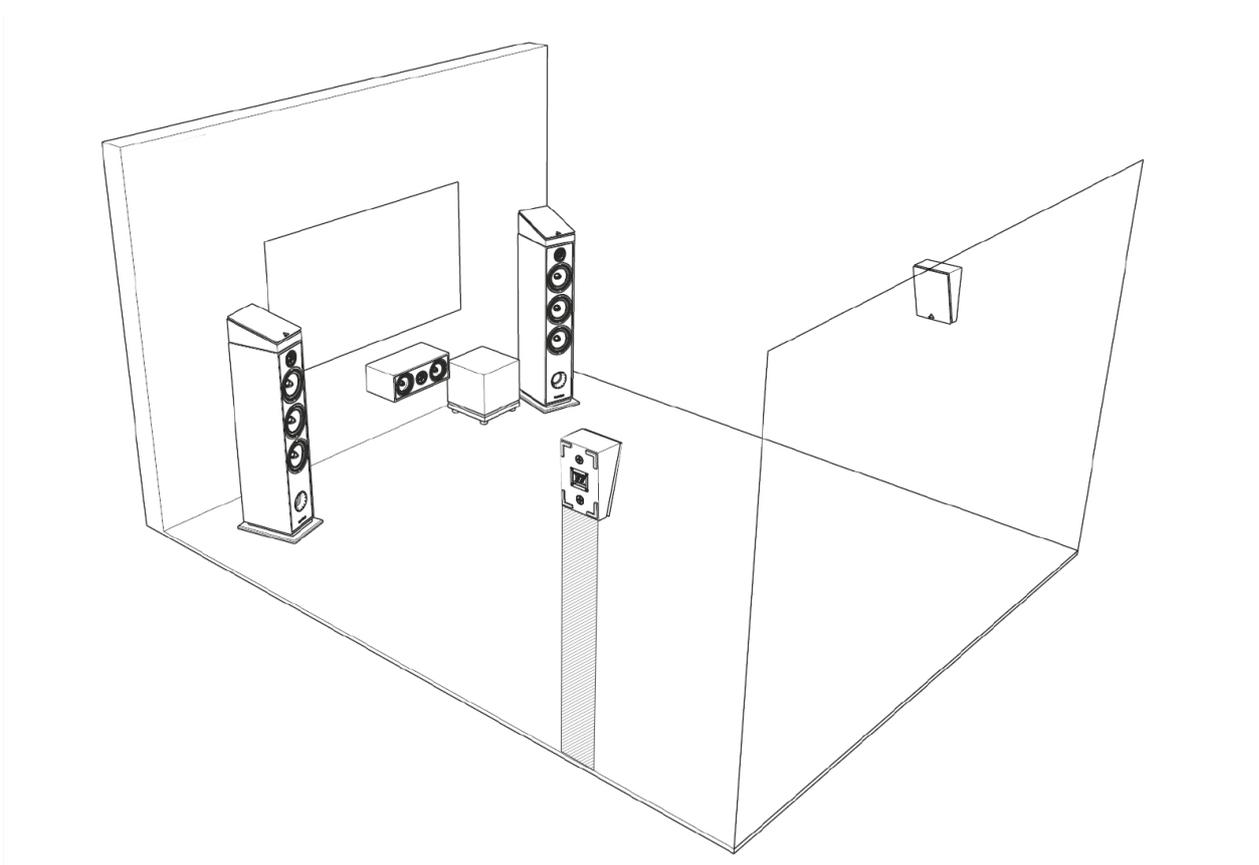
AVAILABLE FINISHES

Black Ash

Matt White

Walnut

Light Oak



BOREA

A complete home theater solution

VERSATILITY : MUSIC & HOME THEATER

The sonic realism and detail, emblematic of the TRIANGLE sound, give the Borea speakers great versatility. They are perfect for both listening to music or in a home theater system.

The range consists of 3 models of floorstanders (BR07, BR08 & BR09), 2 models of bookshelf speakers (BR02 & BR03) and a center channel (BRC1). You can set up the most efficient systems ranging from 2.0 to 9.2.2.

SURROUND SPEAKER

The Borea BRA1 speaker is the ideal complement to a stereo installation to bring home cinema sessions to life at home. It is a discreet and versatile speaker designed to fit into all types of Home Cinema composition. Thanks to a sound filter with 2 positions, it can be positioned directly at the top of the column speakers of the range as a front effect speaker. Or as a surround effect speaker by placing yourself on the walls.

The BRA1 effects speakers feature speakers facing the ceiling for better diffusion of sound wave reflective effects. They are equipped with a 24mm silk dome tweeter, a 16cm paper cellulose midrange.

EISA AWARD 2020-2021

« BEST BUY HOME THEATER SPEAKER SYSTEM »

BOREA range awarded the prestigious EISA prize. The range is acclaimed for its excellent acoustic performance, its tone accuracy, and the excellent value for money it offers.

★ Awards

Les Numériques - *5 stars*

What Hifi? - *5 stars*

Classica - *Choc*

Stereoplay - *Highlight*





TRIANGLE

AIO

CONNECT YOUR HOME

Bring incredible sound to your home with a state of art wireless loudspeaker designed and developed by with French expertise. The AIO series brings innovative audio technology combined with the traditional acoustic engineering history of Triangle.

Bluetooth, Wi-Fi, Internet radio, high-res streaming – discover hundreds of possibilities that AIO technology can offer. Create a multiroom system and fill your home with pure, refined sound.



AIO TWIN



AIO 3



AIO C

★ Awards

OnMag - 4 stars
Qobuz - *Qobuzissime*

AIO TWIN - FINISHES

Slate Black - Frost White
Linen Grey - Abyss Blue
Brown Maple

AIO 3 - FINISHES

Slate Black - Granit Grey - Arctic Blue
Coming soon : Frost White - Powder Pink
Green Forest - Red Ochre



THE AIO UNIVERSE

Music and speakers, at your fingertips

MULTIROOM

Whether it is stereo speakers with the AIO TWIN, an all-in-one speaker with the AIO3 or a traditional Hi-Fi system with the AIO C, control all your musical devices with a single dedicated application. Create an AIO environment so you can listen to your favorite music throughout your home or stream different music in different rooms.

UNLIMITED MUSIC IN HIGH RESOLUTION

Stream your music in high-resolution from your smartphone or tablet. Enjoy your favorite artists, radios, shows and podcasts, thanks to the wide panel of streaming services available.

Use the Deezer & Spotify platforms, famous for their extensive music catalogue, or Qobuz & Tidal, renowned for their high-resolution libraries. Not to forget the unlimited access to all the internet radio stations around the world via Tuneln.

BEAUTIFUL DESIGN & MATERIALS

For several years, TRIANGLE has been partnering with the brand Gabriel to manufacture its grilles. True "fabric architect", Gabriel offers nice pallets of colorful and textured finishes.

The grill of the AIO TWIN was crafted in the "Bond" textile, a premium fabric with a unique look, in harmony with the different finishes of the woodwork. Its oblong shape makes the AIO TWIN a unique decorative and design item.



BLUETOOTH 5.0



Wi-Fi
High Res
24 Bits / 192KHz



MULTIROOM



RCA / PHONO
MM INPUT



S/PDIF OPTICAL
INPUT



SUBWOOFER
OUTPUT



ACTIVE SERIES

EASIER THAN
EVER BEFORE

Playing music with high-fidelity sound has never been easier. Connect your speakers and enjoy your favorite songs from a smartphone, a vinyl turntable or any other source. An EQ with control over low and high frequencies enables you to adjust the LN01A according to your preference and to the acoustics of then listening room.

INPUTS :

RCA, AUX, Optical, Phono,
Bluetooth Ad2P AptX

OUTPUT :

Subwoofer.



LN01A



LN01A + TURNTABLE

★ Awards

Qobuz - *Qobuzissime*
Sound+Image Award

AVAILABLE FINISHES

Black - White - Purple
Linen Grey - Abyss Blue - English Green
Chestnut - Light Oak



SECRET

TRIANGLE SOUND IN ALL ITS ELEGANCE

SECRET is a range of in-ceiling and in-wall speakers intended for both houses and larger structures (premises, professional buildings).

The SECRET speakers deliver TRIANGLE sound within any interior with a minimal visual impact and a seamless integration. SECRET is the result of the latest research in acoustics carried out on high-fidelity speakers to transpose the distinct lively and crisp sound of the TRIANGLE speakers.

The design of these speakers provides versatility and freedom of use thanks to their wide spectrum of sound and easy mounting.



IWT8



IWT7



ICT8



EMT7



ICT7+



ICT5



ICT4



EXT7

★ Awards

SPAT - « *Best in-ceiling/in-wall speaker* »

AVAILABLE FINISH

Magnetic white grill

AVAILABLE FINISHES

White, with grill
Black, with grill



EMT7

“EASY MOUNTING” TECHNOLOGY

A patented technology, elaborated by Triangle together with its partner specialised in composite materials, offers a unique and innovative set-up system. A simple manual rotation is enough to snap the mounting system into position. You can then lock the speaker placement and fully enjoy the high-quality sound it delivers.

An innovative technology is available on the EMT7 for a simple, intelligent mounting system made easy, without tools.

QUICK AND EASY SETTINGS

The EMT7 speaker offers different possibilities of sound settings based on its placement, location, and type of application.

Its adjustable tweeter fosters a precise sound adjustment, thus making it possible to focus on the listening position. Its low and high frequency levels can be adjusted in 3 positions. (-2 and -4dB)

The EMT7 features a high sensitivity of 90dB with a maximum power handling of 140W.

MUSIC & HOME THEATER

Thanks to its frequency response covering a spectrum of 55 Hz to 20 kHz, the EMT7 offers great listening versatility: it will be ideal for music, including with the Atmos system of your installation, making any sound effects present when watching movies.

The EMT7 is a 2-way coaxial speaker. It is equipped with a 17cm midrange/bass driver with a polypropylene membrane, and a 25mm adjustable silk dome tweeter. The tweeter features a phase plug to extend the high-frequency response and to focus the waves towards the listener.



A wooden speaker with a black driver and a tweeter, positioned on the white marble mantel. The brand name "TRIANGLE" is visible at the bottom of the speaker.

Decorative items on a dark console table, including two white candles in black and white holders, and a woven basket.

A wooden cube-shaped object, likely a speaker or a decorative piece, positioned on the floor next to the fireplace. It has a small "TRIANGLE" logo on its side.

A white marble fireplace with a dark, textured interior. The mantel is white and holds a wooden speaker and decorative items.

A portion of a bed with a green and white patterned coverlet, visible in the lower-left corner.

A dark-colored rug with a white geometric pattern, positioned on the floor in front of the fireplace.

SUBWOOFERS

AT THE CENTER OF THE ACTION

The Triangle subwoofers enhance the delivery of the lower frequencies of your system. It offers you a deep and dynamic delivery of bass notes, perfectly expressing the power and energy of your movies and music.

Built on many years of Triangle expertise, these subwoofers successfully blend performance and compactness. Easy to integrate, they blend perfectly into your interior. Their implementation is straightforward. Once they are connected, you can feel the richness of the distinctive deep sounds, and focus on musicality above all, even through the most dynamic impacts.



THETIS 340



THETIS 300



TALES 340

AVAILABLE FINISHES

Black Lacquer - White Lacquer
Black Ash

AVAILABLE FINISHES

Matt Black
Matt White
Light Oak
Walnut



SPEAKER STANDS

ENJOY YOUR COMPACT SPEAKERS

Designed for compact speakers, TRIANGLE S02 & S04 speaker stands ensure stability and acoustic performance. When the listener is seated, the Triangle stands will place the speakers at ear level for optimal listening.

Equipped with spikes, the S02 & S04 stands dissipate the vibrations of the speaker generated by the vibration of the driver. The bass is clearer and the treble more precise. The S04 stand can be ballasted to further reduce the vibrations of the speaker.

The 40TH Anniversary Edition has been designed and developed with thoroughness to offer an exceptional music experience.



S01



S02



S04



S04 40TH ANNIVERSARY

AVAILABLE FINISH

Matt Black

AVAILABLE FINISHES

Black Lacquer
White Lacquer

AVAILABLE FINISH

Black Lacquer



LECABLE

CONNECT YOUR EMOTIONS

LeCable is a collection of cables dedicated to optimizing the performance of the loudspeakers, while guaranteeing the emblematic TRIANGLE sound characteristics of extraordinary openness and dynamics.

All LeCable products provide an excellent conductivity, ensuring a perfect and balanced transmission. TRIANGLE cables have been developed in line with the brand's speakers to convey a unique and high musical experience.

SYMPHONIE



SYS25A
(2x2,5m)

SYS30A
(2x3m)

SYS50A
(2x5m)

OPERA



OS25A
(2,5m)



OS100C1
(1,5mm)

OS100C
(2,5mm)

OS100C4
(4mm)



OS10C
(10m)



OS5C
(5m)



BP400

Magellan



QUATUOR

CELLO

DUETTO

VOCE

	QUATUOR	CELLO	DUETTO	VOCE
Type	Bass Reflex 3 ways	Bass Reflex 3 ways	Bass Reflex 2 ways	Charge close 2.5 ways
Drive units	6	4	2	3
Sensitivity (dB/W/m)	90	91	88	91
Bandwidth (+/-3dB Hz-Khz)	33 - 22	35 - 22	38 - 22	50 - 22
Power handling (W Rms)	260	200	80	100
Nominal impedance (ohms)	8	8	8	8
Minimal impedance (ohms)	3	3	4	4
Dimensions (mm/inch) L x P x H	250 x 340 x 1280 9.8 x 13.4 x 50.4"	250 x 340 x 1080 9.8 x 13.4 x 42.5"	250 x 350 x 460 9.8 x 13.8 x 18.1"	600 x 375 x 250 23.6 x 14.8 x 9.8"
Dimensions with pedestal (mm/inch) L x P x H	371 x 423 x 1340 14.6 x 16.6 x 52.7"	371 x 423 x 1140 14.6 x 16.6 x 44.8"	-	-
Unit Net Weight	45 kg 99 lbs	34 kg 74/8 lbs	16 kg 35.2 lbs	19 kg 42 lbs

Signature



ALPHA



DELTA



THETA



GAMMA

	ALPHA	DELTA	THETA	GAMMA
Type	Bass Reflex 3 ways	Bass Reflex 3 ways	Bass Reflex 2 ways	Bass Reflex 2.5 ways
Drive units	5	4	2	3
Sensitivity (dB/W/m)	92	92	90	91
Bandwidth (+/-3dB Hz-Khz)	32 - 22	35 - 22	45 - 22	50 - 22
Power handling (W Rms)	140	120	90	90
Nominal impedance (ohms)	8	8	8	8
Minimal impedance (ohms)	3.3	3.2	4.4	4
Dimensions (mm/inch) L x P x H	233 x 372 x 1270 9.2 x 14.6 x 50"	233 x 372 x 1170 9.2 x 14.6 x 46.1"	233 x 372 x 465 9.2 x 14.6 x 18.3"	582 x 381 x 260 22.9 x 15 x 10.2"
Dimensions with pedestal (mm/inch) L x P x H	233 x 372 x 1330 9.2 x 14.6 x 52.4"	233 x 372 x 1230 9.2 x 14.6 x 48.4"	-	-
Unit Net Weight	34.7 kg 75 lbs	33 kg 72.7 lbs	11.6 kg 24.3 lbs	14.4 kg 31.7 lbs

40TH ANNIVERSARY



ANTAL 40TH

COMETE 40TH

S04 40TH

Type	Bass Reflex 3 ways	Bass Reflex 2 ways	Type	Compact speakers stands
Drive units	4	2	Height without spikes (mm/inch)	704 27.7"
Sensitivity (dB/W/m)	92	90	Base plate dimensions (mm/inch)	260 x 320 10.2 x 12.6"
Bandwidth (+/-3dB Hz-Khz)	37 - 22	47 - 22	Top plate dimensions (mm/inch)	165 x 215 6.5 x 8.5"
Power handling (W Rms)	140	90	Cable management	Yes
Nominal impedance (ohms)	8	8	Spikes	Yes, base pads included
Minimal impedance (ohms)	3	4.2	Ballasted stand	Yes, sand bag included
Dimensions (mm/inch) L x P x H	200 x 345 x 1090 7.8 x 13.6 x 42.9"	200 x 324 x 400 7.8 x 12.7 x 15.7"	Dimensions (mm/inch) L x P x H	320 x 260 x 674 12.6 x 10.2 x 26.5"
Dimensions with pedestal (mm/inch) L x P x H	300 x 424 x 1128 11.8 x 16.9 x 44.4"	-	Pair Net Weight	8,6 kg 17,6 lbs
Unit Net Weight	29,8 kg 65,7 lbs	8,8 kg 19,4 lbs		

ESPRIT EZ



	AUSTRALE EZ	ANTAL EZ	COMETE EZ	TITUS EZ	VOCE EZ
Type	Bass Reflex 3 ways	Bass Reflex 3 ways	Bass Reflex 2 ways	Bass Reflex 2 ways	Bass Reflex 2 ways
Drive units	6	4	2	2	3
Sensitivity (dB/W/m)	92.5	92	90	90	91
Bandwidth (+/-3dB Hz-Khz)	35 - 22	40 - 22	49 - 22	55 - 22	60 - 22
Power handling (W Rms)	150	120	80	60	80
Nominal impedance (ohms)	8	8	8	8	8
Minimal impedance (ohms)	3.3	3	4.2	3.8	5.3
Dimensions (mm/inch) L x P x H	200 x 370 x 1130 7.9 x 14.6 x 44.5"	200 x 345 x 1090 7.9 x 13.6 x 42.9"	200 x 324 x 400 7.8 x 12.7 x 15.7"	168 x 267 x 305 6.6 x 10.6 x 12"	510 x 290 x 168 20.1 x 11.4 x 6.6"
Dimensions with pedestal (mm/inch) L x P x H	300 x 460 x 1170 11.8 x 18.1 x 46.1"	300 x 400 x 1115 11.8 x 15.7 x 43.9"	-	-	-
Unit Net Weight	38.8 kg 85.5 lbs	27 kg 59.5 lbs	9.3 kg 20.5 lbs	5.9 kg 13 lbs	9.5 kg 20.9 lbs

BOREA



BR09

BR08

BR07

BR03

	BR09	BR08	BR07	BR03
Type	Bass Reflex 3 ways	Bass Reflex 3 ways	Bass Reflex 2,5 ways	Bass Reflex 2 ways
Drive units	5	4	3	2
Sensitivity (dB/W/m)	92	92	91	90
Bandwidth (+/-3dB Hz-Khz)	35 - 22	40 - 22	44 - 22	46 - 22
Power handling (W Rms)	170	150	120	100
Nominal impedance (ohms)	8	8	8	8
Minimal impedance (ohms)	3,3	3	5	4,2
Dimensions (mm/inch) L x P x H	206 x 314 x 1095 8.1 x 12.3 x 43.1"	206 x 314 x 1020 8.1 x 12.3 x 40.1"	206 x 314 x 980 8.1 x 12.3 x 38.5"	206 x 314 x 380 8.1 x 12.3 x 14.9"
Dimensions with pedestal (mm/inch) L x P x H	260 x 360 x 1126 12.2 x 16.6 x 44.3"	260 x 360 x 1051 12.2 x 16.6 x 41.3"	260 x 360 x 1011 12.2 x 16.6 x 39.8"	-
Unit Net Weight	21,8 kg 48.1 lbs	18,8 kg 41.5 lbs	16,9 kg 35.2 lbs	6,2 kg 13.22 lbs



BR02



BRA1



BRC1

	BR02	BRA1	BRC1
Type	Bass Reflex 2 ways	Enceinte d'effets	Bass Reflex 2 ways
Drive units	2	2	2,5
Sensitivity (dB/W/m)	89	89	90
Bandwidth (+/-3dB Hz-Khz)	51 - 22	90 - 22	57 - 22
Power handling (W Rms)	80	80	100
Nominal impedance (ohms)	8	8	8
Minimal impedance (ohms)	3,6	4,5	5,3
Dimensions (mm/inch) L x P x H	176 x 274 x 310 6.9 x 10.7 x 12.2"	206 x 300 x 180 8.1 x 11.8 x 7.1"	485 x 274 x 176 19.1 x 10.8 x 9.9"
Dimensions with pedestal (mm/inch) L x P x H	-	-	-
Unit Net Weight	4,8 kg 10.7 lbs	3,6 kg 7.9 lbs	7,5 kg 16.5 lbs

AIO



AIO TWIN

AIO 3

AIO C

	AIO TWIN	AIO 3	AIO C
Type	Multiroom speaker	Multiroom speaker	Multiroom streamer
Drive units	Tweeter : 25 mm Bass : 13 cm	Tweeter : 2 x 25 mm Basse : 2 x 10 cm	-
Application	Triangle AIO : iOS, Android	Triangle AIO : iOS, Android	Triangle AIO : iOS, Android
Wi-Fi	Wi-Fi IEEE 802.11 b/g/n Standard 2.4GHz RJ45 10/100M LAN	Built-in - IEEE 802.11 2.4GHz RJ45 10/100M LAN	Wi-Fi IEEE 8.2.11 b/g/n 2.4GHz
Sample rate	24 bits / 192 kHz	24 bits / 192 kHz	24 bits / 192 kHz
Bluetooth	Bluetooth 5.0, aptX, aptX HD, aptX LL, SBC, AAC	Built-in - Bluetooth AptX 4.2	-
Audio inputs	Wi-Fi, RCA / Phono, Mini-Jack 3.5mm, Optical S/PDIF, Bluetooth	Jack 3.5 Stereo, Optical, USB 2.0	-
Audio outputs	Subwoofer output	-	Jack 3.5 Stereo, Optical
Audio formats	APE, FLAC, WAV, Apple Lossless (ALAC), AAC, AAC-LC, HE- AAC, HE-AAC v2, MP3, CBR/VBR	APE, FLAC, WAV, Apple Lossless (ALAC), AAC, AAC-LC, HE- AAC, HE-AAC v2, MP3, CBR/VBR	APE, FLAC, WAV, Apple Lossless (ALAC), AAC, AAC-LC, HE- AAC, HE-AAC v2, MP3, CBR/VBR
Power handling (W)	2 x 50	2 x 45 (8 ohms)	-
Power supply	-	-	DC 5.5V 1A
Dimensions (mm/inch) L x P x H	165 x 235 x 304 (unit) 6.5 x 9.2 x 11.9"	360 x 150 x 190 14.2 x 5.9 x 7.7"	80 x 80 x 20 3.15 x 3.15 x 0.8"
Unit Net Weight	10,4 kg (pair) 22.8 lbs (pair)	5.1 kg 11.2 lbs	0.16 kg 0.35 lbs

ACTIVE SERIES



LN01A

Type	Active speaker Bass Reflex - 2 ways
Drive units	2
Sensitivity (dB/W/m)	89
Bandwidth (+/-3dB Hz-Khs)	56 - 22
Amplifier output (W RMS)	2 x 50
Impédance nominale (ohms)	8
Inputs	RCA, AUX, Optical, Phono, Bluetooth aptX
Outputs	Subwoofer
Dimensions (mm/inch) L x P x H	165 x 235 x 291 6.5 x 9.3 x 11.5"
Pair Net Weight	9.5 kg 20.9 lbs



TURNTABLE

Type	33 and 45 rpm, manual speed change, belt drive
Tonearm	Straight, aluminum
Cartridge	Ortofon, OM-10E
Acrylic Dust Cover	Included
Bandwidth (+/-3dB Hz-Khs)	20 - 25
Tracking force range (g / mN)	1.25 - 1.75 / 12.5 - 17.5
Tracking angle	20°
RCA cable	Pro-Ject Connect It E Gold-plated connectors
Dimensions (mm/inch) L x P x H	420 x 330 x 112 16.5 x 13 x 4.4"
Net Weight	4 kg 8.8 lbs

SECRET



IWT8

IWT7

ICT8

EMT7

ICT7+

Type	In-Wall speaker	In-Wall speaker	In-Ceiling speaker	Flush-mount speaker	In-Ceiling speaker
Driver diameter (cm/inch)	20 8"	17 6.5"	20 8"	17 6.5"	17 6.5"
Tweeter diameter (mm/inch)	25 1"	25 1"	25 1"	25 1"	2 x 20 2 x 0.8"
Movable tweeter	Yes	Yes	Yes	Yes	No
Tweeter/medium setting	Yes 0/-3 dB	Yes 0/-3 dB	No	No	No
Sensitivity	91	90	92	90	92
Bandwidth (+/-3dB Hz-Khz)	40 - 20	60 - 20	50 - 20	55 - 20	50 - 20
Power handling (W)	160	140	160	140	150
Nominal impedance (ohms)	8	8	8	6.9	8
Minimal impedance (ohms)	7	7.1	7	-	6.7
Dimensions (mm/inch) L x P x H	257x378x105 10.1 x 14.9 x 4.1"	208 x 92 x 311 12.2 x 8.2 x 3.7"	Ø284 x 111 Ø11.1 x 4.4"	Ø230 x 86 Ø9 x 3.4"	Ø246 x 96 Ø9.68 x 3.8"
Recess diameter (mm/inch)	337 x 216.5 13.3 x 8.5"	271 x 168 10.7 x 6.6"	Ø245 Ø9.6"	Ø202 Ø7.9"	Ø206 Ø8.1"
Wall/Ceiling depth required (mm / inch)	100 3.9"	87 3.4"	106 4.17"	85 3.3"	91.5 3.6"
Unit Net Weight	2.1 kg 4.6 lbs	1.7 kg 3.7 lbs	2.3 5.1 lbs	1.6 kg 3.5 lbs	1.8 kg 3.9 lbs



ICT5

ICT4

EXT7

Type	In-Ceiling speaker	In-Ceiling speaker	Outdoor
Driver diameter (cm/inch)	13 5"	10 4"	16.5 6.5"
Tweeter diameter (mm/inch)	20 0.8"	13 0.5"	25 1"
Movable tweeter	Yes	No	No
Tweeter/medium setting	No	No	No
Sensitivity	90	88	88
Bandwidth (+/-3dB Hz-Khz)	60 - 20	80 - 20	60 - 20
Power handling (W)	110	90	90
Nominal impedance (ohms)	8	8	8
Minimal impedance (ohms)	6.8	6.8	7
Dimensions (mm/inch) L x P x H	Ø216 x 82 Ø8.5 x 3.2"	Ø190 x 75 Ø7.48 x 2.9"	201 x 210 x 320 7.9 x 8.3 x 12.6" (with brackets)
Recess diameter (mm/inch)	Ø176 Ø6.9"	Ø152 Ø5.9"	-
Wall/Ceiling depth required (mm / inch)	77.5 3.05"	70.5 2.7"	-
Unit Net Weight	1.2 kg 2.7 lbs	1 kg 2.2 lbs	3.1 kg 6.9 lbs

SUBWOOFERS



THETIS 340

THETIS 300

TALES 340

Type	Bass Reflex	Bass Reflex	Bass Reflex
Driver diameter (cm / inch)	25 10"	20 8"	25 10"
Bandwidth (+/-3dB Hz)	25 - 120	32 - 120	30-120
Crossover cutoff filter (Hz)	Rotating knob 30 / 120	Rotating knob 30 / 120	30/120
Amplifier output (W RMS)	250 Class D	150 Classe D	200
Phase	0-180° (2 positions)	0-180° (2 positions)	0-180°
Inputs	LFE - Line IN (L/R) - Speaker IN	LFE - Line IN (L/R) - Speaker IN	LFE, L&R low level
Outputs	Speaker OUT	Speaker OUT	-
Display	Front panel Volume display	Front panel Volume display	-
Dimensions (mm/inch) L x P x H	340 x 340 x 380 13.4 x 13.4 x 15.1"	300 x 300 x 340 11.8 x 11.8 x 13.4"	342 x 357 x 383 13.5 x 14.1 x 15.1"
Unit Net Weight	16,1 kg 35.5 lbs	10,6 kg 23.4 lbs	8,9 kg 22.7 lbs

SPEAKER STANDS



S04 40TH



S04



S02



S01

	S04 40TH	S04	S02	S01
Type	Compact speaker stands	Compact speaker stands	Compact speaker stands	Compact speaker stands
Height without spikes (mm/inch)	704 27.7"	674 26.5"	596 23.6"	600
Base plate dimensions (mm/inch)	320 x 260 12.6 x 10.2"	320 x 260 12.6 x 10.2"	230 x 270 9.05 x 10.6"	230 x 270 9.05 x 10.6"
Top plate dimensions (mm/inch)	165 x 215 6.5 x 8.5"			
Cable management	Yes	Yes	Yes	Yes
Spikes	Yes, base pads included	Yes, base pads included	Yes, adjustable spikes	Yes, adjustable spikes
Ballasted stand	Yes, sand bag included	Yes, sand bag included	No	No
Dimensions (mm/inch) L x P x H	320 x 260 x 674 12.6 x 10.2 x 26.5"	320 x 260 x 674 12.6 x 10.2 x 26.5"	270 x 230 x 596 10.6 x 9.05 x 23.5"	270 x 230 x 600 10.6 x 9.05 x 23.6"
Pair Net Weight	8.6 kg 17.6 lbs	8.6 kg 17.6 lbs	10 kg 22 lbs	8.1 kg 17.2 lbs

LECABLE

SYMPHONIE

OPERA



SYS25A

SYS30A

SYS50A

OS25A

OS100C1

OS100C

OS100C4

OS10C

OS5C

	SYS25A	SYS30A	SYS50A	OS25A	OS100C1	OS100C	OS100C4	OS10C	OS5C
Type	Mounted speaker cable			Mounted speaker cable	Speaker cable by meter				
Section (mm/inch)	2.5 0.09"	2.5 0.09"	2.5 0.09"	2.5 0.09"	1.5 0.05"	2.5 0.09"	4 0.15"	2.5 0.09"	2.5 0.09"
Length (m/ft)	2 x 2.5m 2 x 8.2 ft	2 x 3m 2 x 9.8 ft	2 x 5m 2 x 16.4 ft	2 x 2.5m 2 x 8.2 ft	100m 328.1 ft	100m 328.1 ft	100m 328.1 ft	10m 32.8 ft	5m 16.4 ft
Strands	Very high purity OFHC cable (99.999%)			Tinned OFC cable: oxygen free copper high purity (99.99%) with coiling braiding					
Jacket	Double PVC insulating jacket separated from an antistatic sheet and braided fabric jacket			Transparent PVC with length, polarity and direction mark					
Banana plugs	Silver plated, anodized aluminum caps			Gold plated, anodized aluminum caps	n/a	n/a	n/a	n/a	n/a



THE ART OF SOUND
WITH A FRENCH TOUCH

www.trianglehifi.com

 facebook.com/trianglehifi

 twitter.com/trianglehifi

 instagram/trianglehifi