



TRIANGLE
MANUFACTURE ELECTROACOUSTIQUE

ESPRIT

EZ SERIE



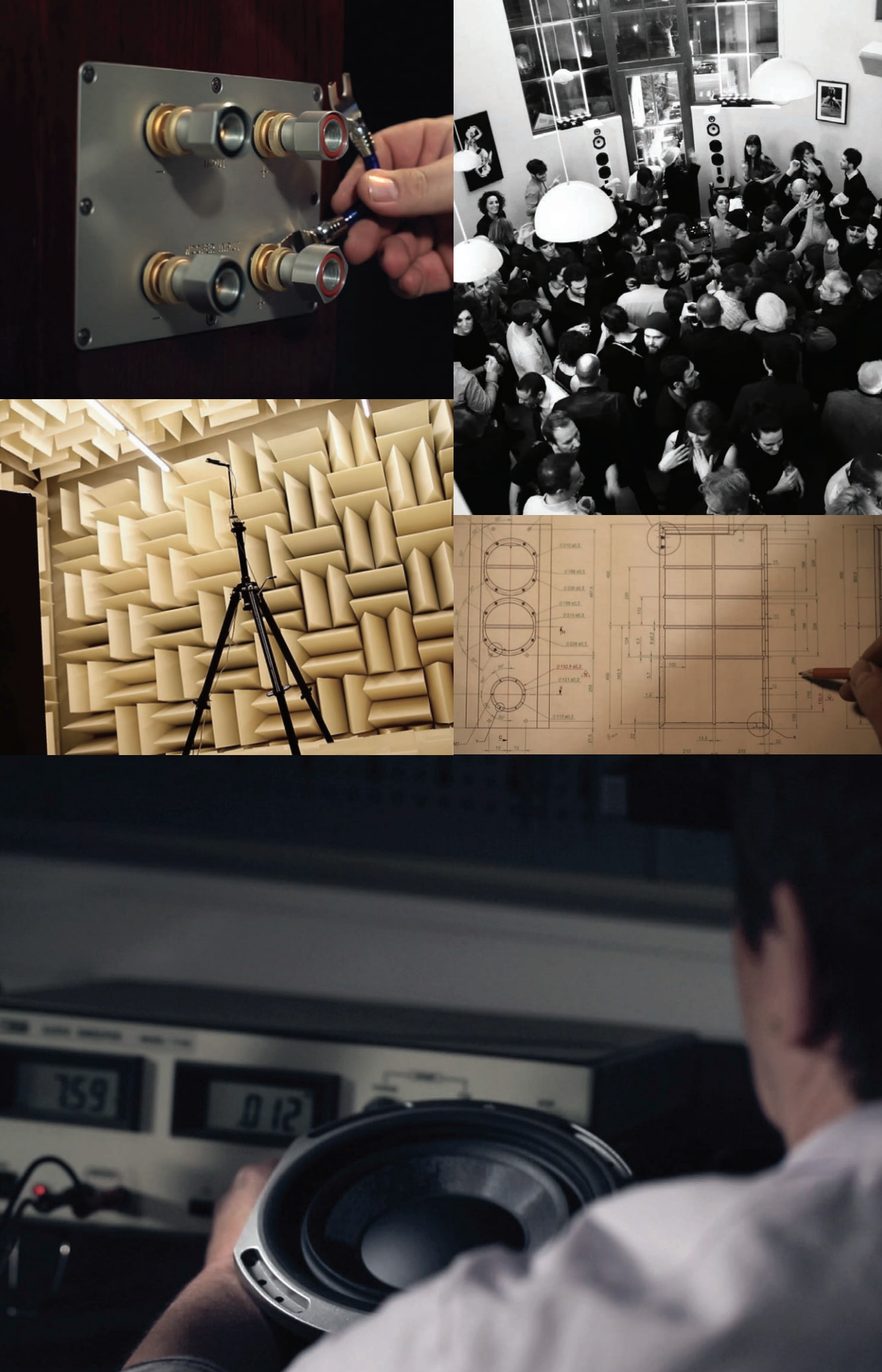
PASSION OF SOUND

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.





1980
2015

35 YEARS OF INNOVATION

TRIANGLE strives hard to give each new generation of loudspeakers a distinctive musicality, created by using materials of the highest quality. 35 years of experience have forged a unique sound expertise that provides extraordinary sonic realism and details.

ESPRIT Ez is the genuine materialisation 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.

Rediscover your first musical sensations and pleasure - and be astounded by the enjoyment delivered by the new ESPRIT Ez.



ESPRIT EZ

DESIGN, MUSICALITY & ENJOYMENT

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

The grills attach to the cabinet through the clever use of hidden magnets.

The speaker blends into its surroundings and brings out all the intensity of music.





BLACK, WHITE, WALNUT,

FOLLOW YOUR STYLE

ESPRIT Ez speakers are available in three different finishes: Walnut, Black or White High Gloss.

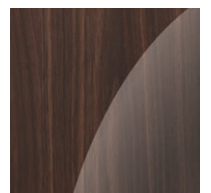
Select a black or white high gloss finish to bring modernity and light in your living room, or choose the walnut finish for a warm and natural touch.



BLACK LACQUER



WHITE LACQUER



WALNUT

JAZZ, HIP-HOP OR ROCK

YOUR TRACKS

High fidelity is above all about the pleasure of listening to a perfect reproduction of your favourite tracks. Whether classical, rock, jazz, hip-hop or electronic music, a great speaker must excel.

TRIANGLE speakers are extremely versatile thanks to their high sensitivity and strong dynamics. The horn-loaded tweeter can relay the fine, detailed subtleness of a large orchestra's string section.

The midrange driver catches and reproduces all aspects and nuances of emotionally charged instruments, including the human voice. The woofer provides deep and tight bass reproduction, essential for full enjoyment of rhythmical music, such as hip-hop or electro. The objective is to express and convey all the emotions and the musical mastery that went into the tracks your favourite artists cut in the studio or on stage.



The ESPRIT Ez - series provides strong versatility both as a stereo system and as a home theatre system. Its vigorous performance makes it a perfect sound system for your television or home theatre installation.

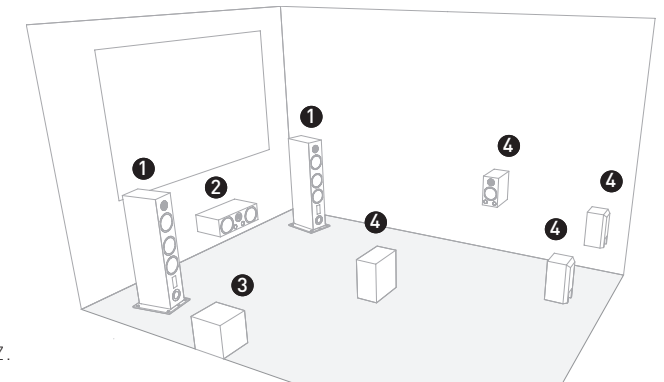
The centre channel, VOCE Ez, is specifically designed to maintain the tonal balance in 5.1 configurations and give coherence and realism to

the audio tracks of films and TV-series.

For the rear channels, the range offers options such as the HEYDA Ez satellites to create the full 360° surround effect, while the subwoofer THETIS thickens the sound, thereby providing a clear and deep bass. These products are designed with the sole objective of placing you at the heart of the action.

HOME THEATRE SYSTEM

- ① ANTAL EZ or GAÏA EZ
- ② Center channel VOCE EZ
- ③ Subwoofer THETIS 280 or 380
- ④ Surround Channels : TITUS EZ or HEYDA EZ.



// TRIANGLE's philosophy is to design and build speakers reproducing a lively and dynamic sound that puts you in the universe of your favourite artist from the first tone. Always looking for innovations, our team has a genuine desire to make you feel the music intensely and find yourself at the heart of a concert.

When you really feel a «live» experience, the music is taken to a new dimension; the soundstage opens, the musicians stand in front of you, each instrument is distinguished accurately and the music gives you the chills.

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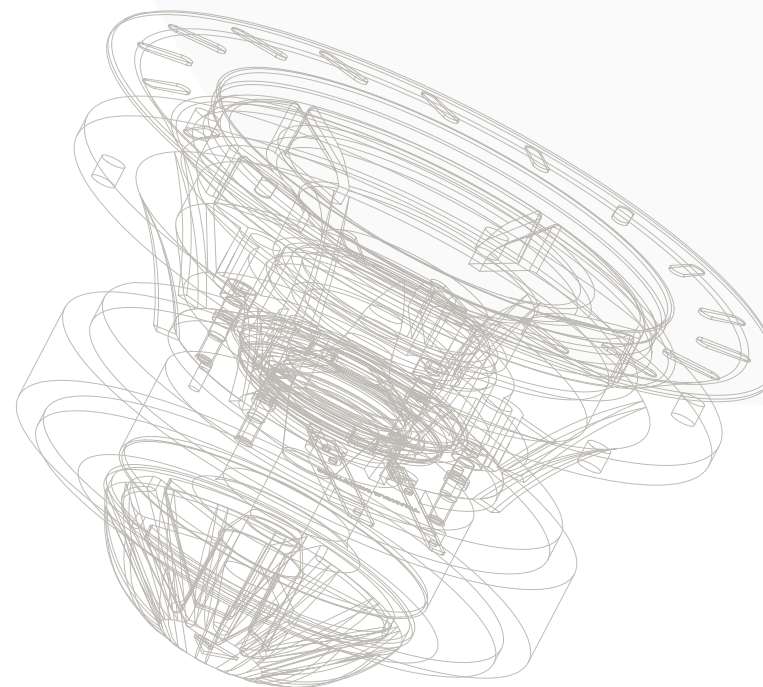
THE PURSUIT OF LIVE SOUND

SENSITIVITY & REALISM

First of all, the TRIANGLE sound is built on a decision to build « high performing » speakers.

Our tweeters have a sensitivity of 96 db, which increases the overall efficiency of our speakers, thereby producing tremendous energy and vitality.

They provide a natural reproduction of the instruments and voices. As a result, the sound is literally brought to life.



The research conducted with the Magellan range improves the directivity and efficiency of the horn loaded tweeter.



FAST & DETAILED

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

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.

The woofers have a glass fibre 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.



NOBLE MATERIALS

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As with a musical instrument, the quality of each part has a decisive impact on the speakers' acoustic performance.

TRIANGLE carefully selects each component with the sole purpose of enhancing your experience.

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THE ART OF CABINET MAKING

In order to reach the highest possible acoustical performance, particular attention is paid to the construction of the cabinet. Thanks to a high-density fiberboard cabinet of up to 21 mm of thickness and clever use of reinforcements, ESPRIT Ez's cabinets ensure very high rigidity in order to minimize vibrations from the drivers.

The Magellan project was a huge leap forward in the understanding of vibrational behaviour. TRIANGLE now uses high-precision laser sensors in order to place cabinet reinforcements at the optimal locations.

Hence the ESPRIT Ez cabinet significantly reduces coloration and sound distortion, and only delivers the beauty and depth of the musical work.



GLASS PEDESTAL

Sitting on a glass pedestal, the GAÏA and the ANTAL Ez offer a perfect balance between elegance and acoustic performance.

The ANTAL Ez comes with a set of rubber and adjustable aluminium spikes to assure stability and performance, adapted to the characteristics of your interior. The bookshelves and center channel models are equipped with rubber pads to decouple and protect your speakers.

BRUSHED ALUMINIUM TERMINAL

Specially designed for ESPRIT Ez, the terminal is created in brushed aluminium, providing ease of use and extraordinary visual quality. The material prevents vibrations and seals the cabinet. Each terminal is equipped with high quality cooper binding posts with a self-locking system for banana plugs.



They can also accommodate a number of other cable choices.

THE HEART OF TRIANGLE'S TECHNOLOGY

TWEETER

A real TRIANGLE trademark of technology and performance, the TZ2510, is the latest incarnation of a titanium dome in combination with a compression chamber. This technology provides high efficiency with low distortion and excellent directivity.

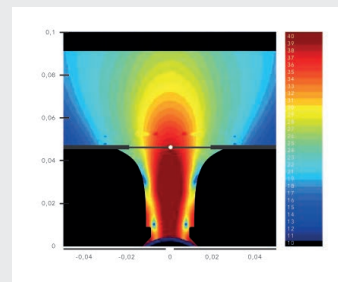
Studies from the signature project helped to develop a new profile of the horn and also improved the phase plug. It reduces the directivity and provides almost the same sound level throughout the room.

We have developed a compact engine with high magnetic power, by using a neodymium ring combined with an absorption chamber. The latter has been designed in view of stopping the propagation of the back sound wave and of reducing distortions. As a result, the high-pitched frequencies offer a more natural listening experience.

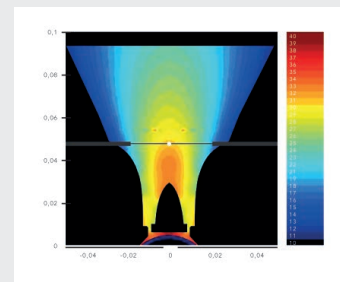


The phase plug reduces the directivity of the high frequencies and assures an almost identical sound level throughout the room.

Without phase plug



TRIANGLE tweeter



MIDRANGE

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.

With the new ANTAL Ez, the mid-range driver increases to 165 mm to provide an even more open sound.



WOOFER

The MAGELLAN program showed the importance of how the bass driver influences the behaviour of the medium driver. We control the cone so it efficiently muffles any resonance in the «upper bass» area.

Fiberglass was selected for its excellent affect on the lower midrange / higher bass. An ESPRIT Ez innovation is the overlay of textile material and fiberglass, which improves the rigidity of the membrane.

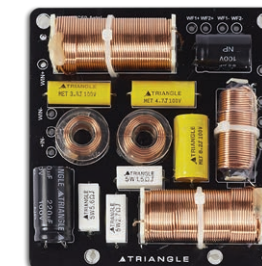
The speaker is equipped with a new chassis, which quickly dissolves the heat generated by the coil, and with a double ferrite to improve sensitivity.



WOOFER/MIDRANGE

To sustain the TRIANGLE midrange quality, while providing deep bass, we have developed a half-roll suspension made of foam and treated rubber. It provides a dynamic performance due to the low inertia combined with the cellulose pulp cone. The profile of the cone was also redesigned and now provides an extended frequency response.

Thanks to the new suspension, the bookshelf speakers in the ESPRIT Ez range provide a generous bass, all the while remaining dynamic.



CROSSOVER & CABLES

All components used in the crossover have been selected due to their quality: copper coils with a diameter of 1mm and met capacitors. The signal is transferred by a TRIANGLE OFC cable, which assures resistance and quality over time.



ANTAL EZ

This 3-way floorstander introduces the latest triangle innovations. It is fitted with a horn-loaded tweeter, a mid range of natural cellulose and two glass fiber woofers.



GAÏA EZ

The **GAÏA Ez** is a 3-way compact floorstander, with a horn-loaded tweeter and three 5” drivers. Discrete, elegant and highly musical, the **GAÏA Ez** fits all tastes.



COMÈTE EZ

The **COMÈTE Ez** provides a similar listening experience to a floorstander, without taking up the space. Ideally suited for rooms with limited surface (15 and 30m²), it guarantees incredible performance when it comes to lower frequencies.

Description	3	3	2
Cabinet type	bass-reflex	bass-reflex	bass-reflex
Woofer	2x6,5”	2x5,25”	-
Midrange	1x6,5”	1x5,25”	1x6,5”
Tweeter	Titanium 1”dome	Titanium 1”dome	Titanium 1”dome
Frequency range (+ - 3dB Hz - kHz)	40 - 22	47 - 22	49 - 22
Sensitivity (dB/W/m)	92	89,5	90
Nominale Impedance (Ohms)	8	8	8
Minimum Impedance (Ohms)	3	3,3	4,2
Power Handling (W)	120	90	80
Repetitive peak power (W)	240	180	160
Dimensions with pedestal (inch, W x D x H)	11,81x15,75x43,9	9,06x12,4x38,58	7,87x12,76x16,06
Unit net weight (kg)	27	18,1	9,3



TITUS EZ

Consisting of a 5” driver and a horn-loaded tweeter, the **TITUS Ez** offers strength and depth in the bass that is stunning for its size. It can be used either as a stereo speaker or as the surround channels in a home theatre system.



HEYDA EZ

This product has been developed to provide an excellent performance in home theatre configurations. Discrete and easy to install, **HEYDA Ez** is a satellite speaker. It contains a 5” driver and a horn loaded tweeter.



VOCE EZ

The center channel provides the full home theatre performance. It has two 5” drivers with half roll suspension and a horn loaded tweeter.

Description	2	2	2
Cabinet type	bass-reflex	charge close	bass-reflex
Woofer	-	-	-
Midrange	2x5,25”	1x5,25”	2x5,25”mm
Tweeter	Titanium 1”dome	Titanium 1”dome	Titanium 1”dome
Frequency range (+ - 3dB Hz - kHz)	55 - 22	75 - 22	60 - 22
Sensitivity (dB/W/m)	90	90	91
Nominale Impedance (Ohms)	8	8	8
Minimum Impedance (Ohms)	3,8	3,8	5,3
Power Handling (W)	60	60	80
Repetitive peak power (W)	120	120	160
Dimensions with pedestal (inch, W x D x H)	6,21x10,51x12,32	-	20,08x11,42x6,93
Unit net weight (kg)	5,9	4,55	9,5

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WEBSITE

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RESELLERS

Here you will find all our resellers worldwide.

blog.trianglehifi.com

HAUTE FRÉQUENCE

This is TRIANGLE's music blog that shares our passion for original artists.

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SUPPORT & FAQ

Last but not least, TRIANGLE's support community answers all your technical and practical questions and shares information regarding the installation and maintenance of your TRIANGLE products.

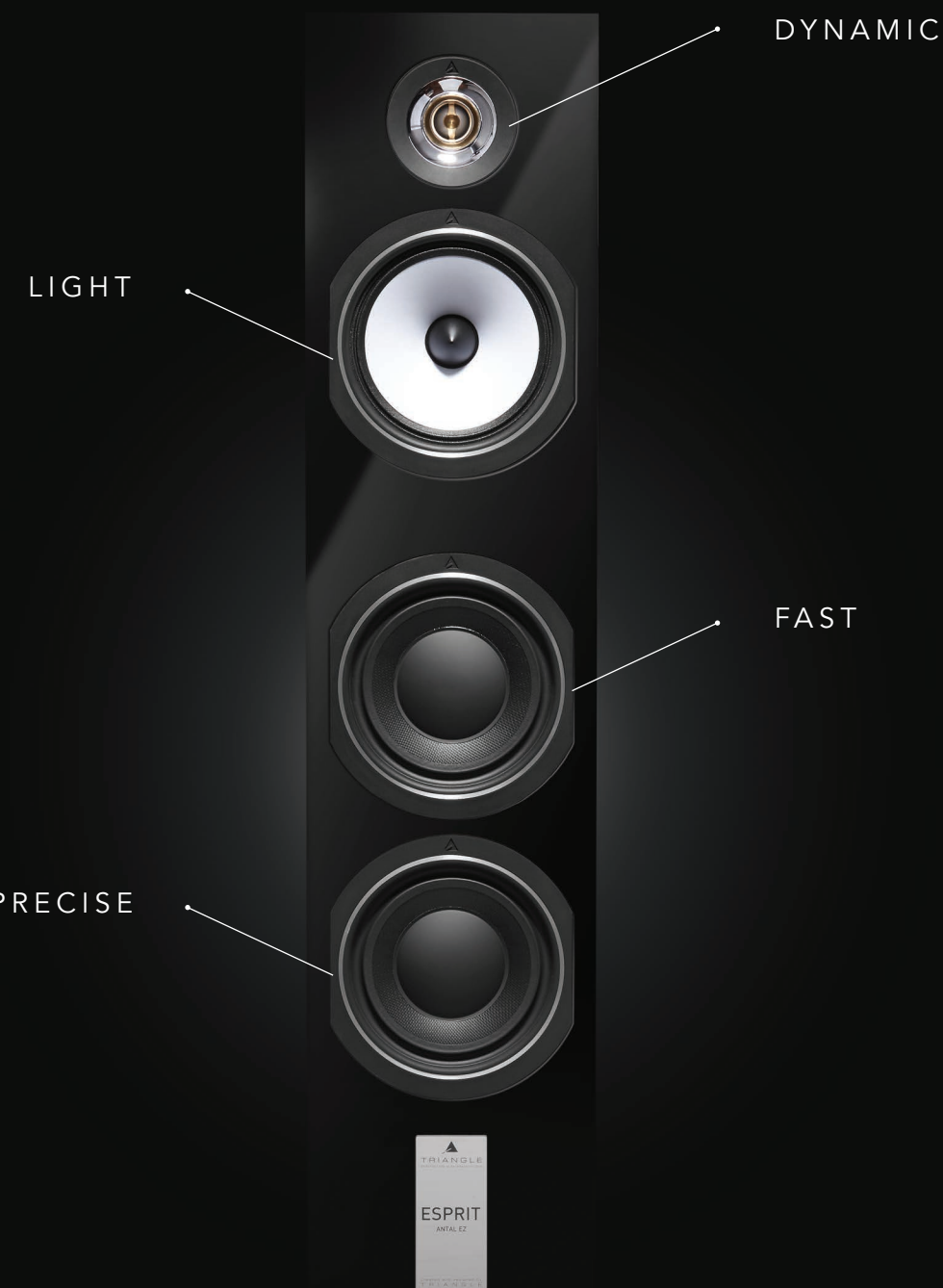


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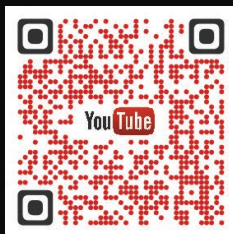
Our facebook page and twitter account keeps you updated on all our latest news. It is also the place for you to exchange and share your experiences with us.



DISCOVER THE TRIANGLE SOUND



THE ART OF SOUND WITH A FRENCH TOUCH



VISIT THE TRIANGLE WORKSHOP

35 YEARS OF PASSION

TRIANGLE continues to strive for the highest possible goals with the objective of providing music lovers with perfection in terms of no compromise sound reproduction, faithfully conveying the emotion and beauty of music.

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