



**1980-2010**  
30<sup>th</sup> Anniversary

created and designed by  
**TRIANGLE**  
FRANCE



# 1980-2010

## 30<sup>th</sup> Anniversary



1180

The first model to be marketed. It was highly successful with high-end audio dealers who appreciated its originality and technical qualities. This is how the passion for TRIANGLE began.



ANTAL TZX

The first generation of the now legendary ANTAL. This slender floorstander paved the way into high-end audio.



ANTAL Es

The more technical fourth generation featured a plinth, horn loaded tweeter and a compression chamber.



ANTAL  
*Limited Edition*

The ANTAL has been specially restyled for TRIANGLE's 30th anniversary, and is a blend of high quality performance and refined aesthetics.

1980

1994

2004

2010

## 30 years of passion and innovation

In 2010, TRIANGLE, the French electro-acoustic system manufacturer, is celebrating its **thirtieth anniversary**.

Since its early beginnings, TRIANGLE made research and technological innovation its priorities, enabling them to produce **very high quality speakers**.

**30 years of passion:** TRIANGLE continues in its quest to provide music lovers with absolute perfection in terms of no compromise sound reproduction, capable of rendering the emotion and beauty of music.

**30 years of innovation:** Our team of engineers and technicians are as demanding as they are passionate about quality and this produces unique speakers. Each component is designed, engineered and developed according to exclusive technical specifications.

TRIANGLE invites you to discover two new speakers created and restyled specially for its **thirtieth anniversary**: the **ANTAL** and **COMÈTE limited edition**.



## ANTAL + COMÈTE an irresistible limited edition

During TRIANGLE's **thirtieth anniversary**, discover the ANTAL and COMÈTE limited edition. These two main speakers, which are direct results of the **ESPRIT** range, combine state-of-the-art technology and a **haute-couture finish**. ANTAL and COMÈTE offer discerning music lovers **no-compromise** sound reproduction which will live up to their expectations.

### Object of **desire**

For the limited edition, ANTAL and COMÈTE feature a **real black piano lacquered finish**, combining luxury and perfection. The two speakers are beauty itself, with flawless, crisp contours and their discrete elegance are to be admired by connoisseurs.

### The TRIANGLE **sound**

The TZ2500 tweeter now features a **solid aluminum** horn.

This was developed for the sophisticated MAGELLAN project. It is a high density, anti-vibration material with a hand polished finish. The result is a subtle blend of high precision and finesse.

### The desire for **perfection**

High end systems are extremely sensitive to the slightest change. Internal wiring has a considerable effect on the sound produced by a speaker. To push sound quality to its utmost limits, the bass and treble wiring on the **ANTAL** and **COMÈTE limited edition**, have been entirely redesigned.





rediscover the joy of listening



Universal  
bookshelf  
stand suitable  
for ballast, with  
a decoupling  
system.

TS200

### ANTAL *limited edition*

The **ANTAL *limited edition*** is elegant and complete, with all of the advantages to seduce the most demanding music lovers. The 13cm midrange driver was developed exclusively for this model. The exceptional sound reproduction of its two bass drivers will transport you to the heart of the concert hall.

**"30th anniversary"** finish: real black piano lacquered finish. Recommended for a 30-50 m<sup>2</sup> room.

### COMÈTE *limited edition*

The **COMÈTE *limited edition***, designed to be placed on a stand or on a bookshelf, offers the same listening experience as a floor-standing speaker, but takes up less room. The new half-roll rubber suspension bass driver ensures that sufficient speed is maintained.

**"30th anniversary"** finish: real black piano lacquered finish. Recommended for a 15-30 m<sup>2</sup> room.

### COMÈTE

Loudspeaker type:

2 Way / Bass Reflex

Sensitivity (dB/W/m):

90

Frequency range (+/-3dB Hz-KHz):

50-20

Power handling (W Rms):

80

Minimum impedance (ohms):

4,4

Cabinet dimensions (mm: HxWxD):

420 x 200 x 335

Net weight (Kg):

8,5

### ANTAL

Loudspeaker type:

3 Way / Bass Reflex

Sensitivity (dB/W/m):

91

Frequency range (+/-3dB Hz-KHz):

40-20

Power handling (W Rms):

120

Minimum impedance (ohms):

3,4

Cabinet dimensions (mm: HxWxD):

1080 x 200 x 355

Dimensions with plinth (mm: HxWxD):

1140 x 370 x 380

Net weight (Kg):

22,5





## Tweeter TZ 2500: LIVE sound

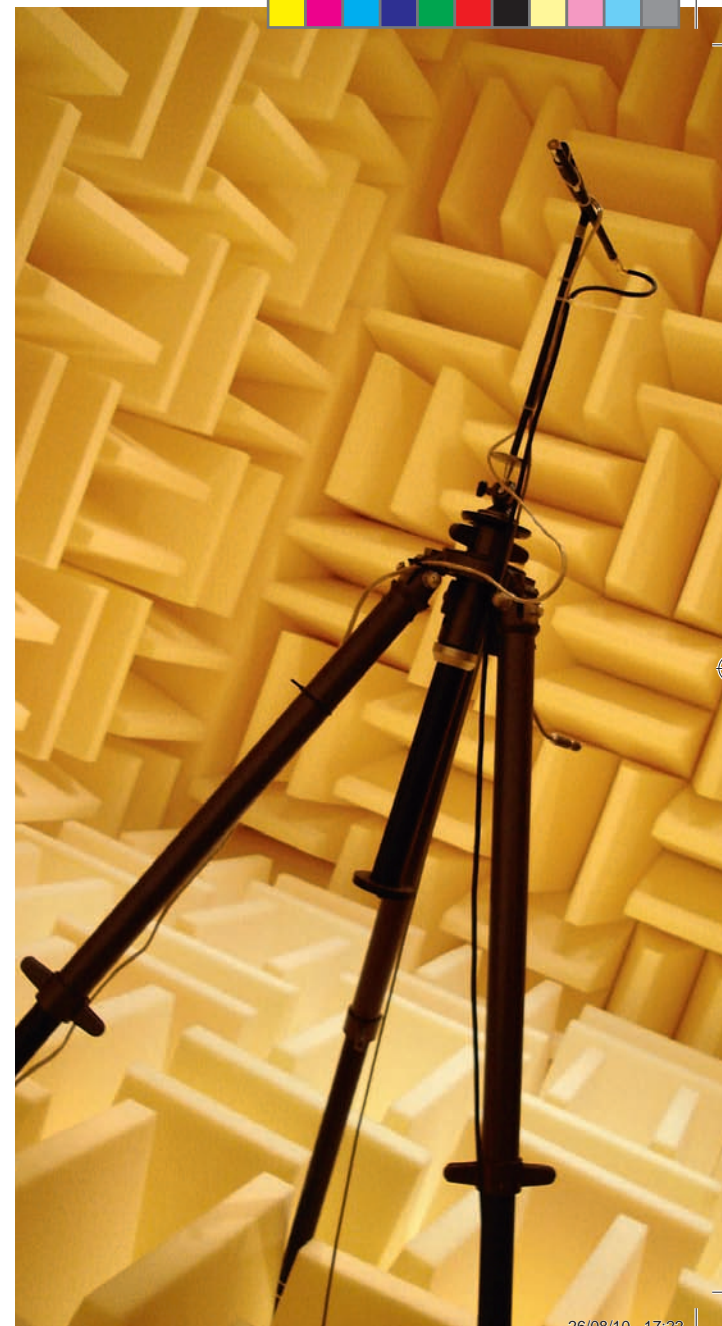
The tweeter is an essential part of TRIANGLE's history. It is a driver designed to reproduce high-frequency sounds such as the cymbals of a drum set or the strings of a harpsichord. The TRIANGLE TZ2500 tweeter owes its exceptional performance to its design: a titanium dome combined with a compression chamber, favoring high efficiency, minimal sound distortion and excellent directivity. The solid aluminum horn provides increased rigidity, enabling the speaker to conserve and protect the most sensitive information detail from any surrounding vibrations. The polished surface improves wave flow and the most delicate sounds are reproduced with a rare ease.



*“ All of the models in the ESPRIT range including the “COMÈTE”, use a deeper compression chamber and a titanium tweeter dome. TRIANGLE has also remodeled the phase plug. When listening, the new tweeter sounds more linear with no fatigue at very high frequencies. The sound is softer and more refined. ”*

*Sam Tellig, Stereophile Magazine.*

Acoustic test room used for developing loudspeakers



26/08/10 17:22



## astonishing reproduction by the midrange

The **ANTAL limited edition** is capable of reproducing all frequencies which are the most audible by the human ear. Therefore even the most sensitive ear is capable of perceiving any flaws in the original signal. Based on its experience, TRIANGLE recommends using a cellulose pulp membrane due to its light weight and minimal sound coloration. This membrane, combined with a small pleat peripheral suspension, enables voices to be reproduced with amazing precision.



*“Lovers of rich sound, deep colors and soft textures will doubtless appreciate a midrange which is particularly flavorful and as fruity as a Rhône wine. It is quite uncanny just how the voices and wind instruments produce ripples of sensuality.”*

*Philippe Venturini,  
Le Monde de la Musique Magazine.*

Testing TRIANGLE's moving parts







## the **bass** composition

The **ANTAL limited edition** is fitted with the T16EF100SGC1 driver. Thanks to its fiberglass diaphragm, this driver offers an excellent compromise between stiffness and light weight. A small hole in the voicecoil former ensures effective heat dissipation from the voice coil. In terms of listening, the bass is crystal clear and powerful. The midrange is all the more transparent and natural.



*“ We have worked on the cone to dampen any remaining resonance in the “upper bass frequencies” after filtering. In the resulting listening tests, the bass is clear and punchy, and the midrange more natural and transparent. ”*

*Thomas Robert,  
Acoustics Dept Manager.*





## a no-compromise sound universe

**color**  
by TRIANGLE

Adding color to your life

**ESPRIT**

Rediscover the joy of listening

**GENÈSE**

Nothing but the absolute

*Magellan*  
by TRIANGLE

Perfection adding beauty to power



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