



TRIANGLE

MANUFACTURE ELECTROACOUSTIQUE



MAGELLAN 40TH

Édition Anniversaire



FABRICATION FRANÇAISE

PRESS RELEASE



 **MAGELLAN 40TH**
Édition Anniversaire

Magellan is the essence of TRIANGLE's know-how, a strive to obtain the highest possible results, an exclusive product in which every element has been carefully chosen.

Made of the finest materials selected with utmost attention, this 40th anniversary edition carries on this fundamental approach. Combining elegance and technology, it is a continuation of TRIANGLE's investment in favor of a target of pleasure and emotion.



FRENCH ELEGANCE

The timeless design of the MAGELLAN speakers embodies TRIANGLE's definition of aesthetics along with French elegance.

The minimalist design of these speakers emphasizes their precision. The MAGELLAN range offers this essential ability that allows the object to contribute to the refinement of the living space without becoming tedious.

AN AMAZING IMMERSIVE SOUND

The MAGELLAN 40th anniversary speakers are extremely accurate, every note ringing true.

Their wide sound spectrum, combined with their remarkable power handling, ensure the faithful reproduction of broad musical nuances. With this product, you will enjoy a unique and exceptional moment that never ends.





THOROUGH FRENCH CRAFTSMANSHIP

 **MADE IN
SOISSONS**



The development of such exceptional speakers requires total control from design to manufacturing.

Each part is made of high-quality materials, then checked for the slightest imperfection. Only an in-house manufacturing process ensures the high level of excellence required to produce the MAGELLAN speakers.

THREE LUXURIOUS FINISHES

The cabinets are covered with elegant precious woods carefully selected and assembled according to their grain.

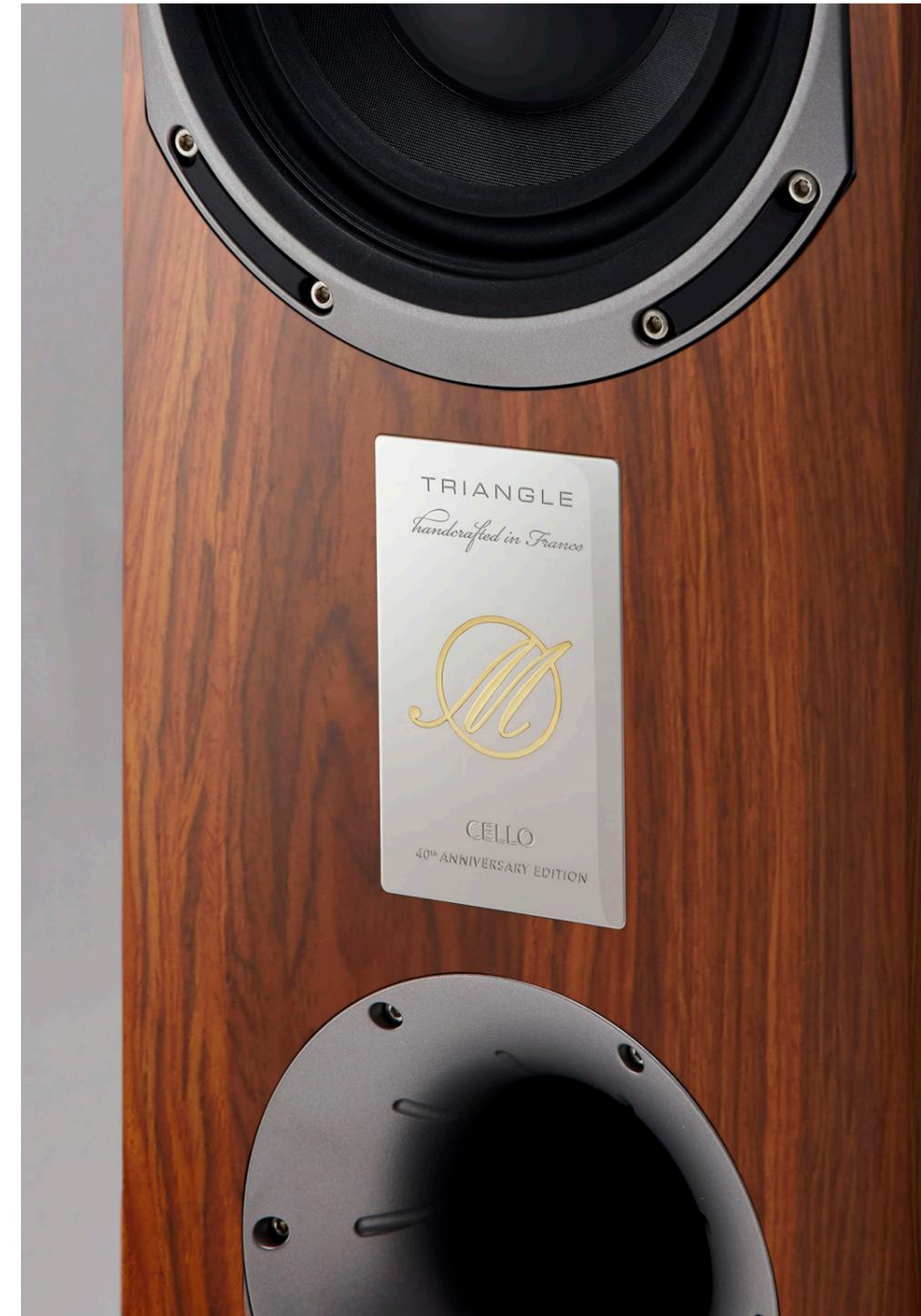
Enhanced by multiple coats of lacquer, the cabinetry of the MAGELLAN 40th anniversary is available in three luxurious finishes.



SPACE BLACK



SHADOW ZEBRANO



GOLDEN OAK

THE MAGELLAN REVIVAL

Essence of TRIANGLE's industrial engineering, the MAGELLAN 40th anniversary edition features numerous optimizations and the latest research work conducted by our dedicated and passionate team of engineers.



Solid wood cabinet

The design of the enclosure is crucial to the sound quality, and the cabinets of the MAGELLAN 40th anniversary edition have been carefully designed to ensure full stability.

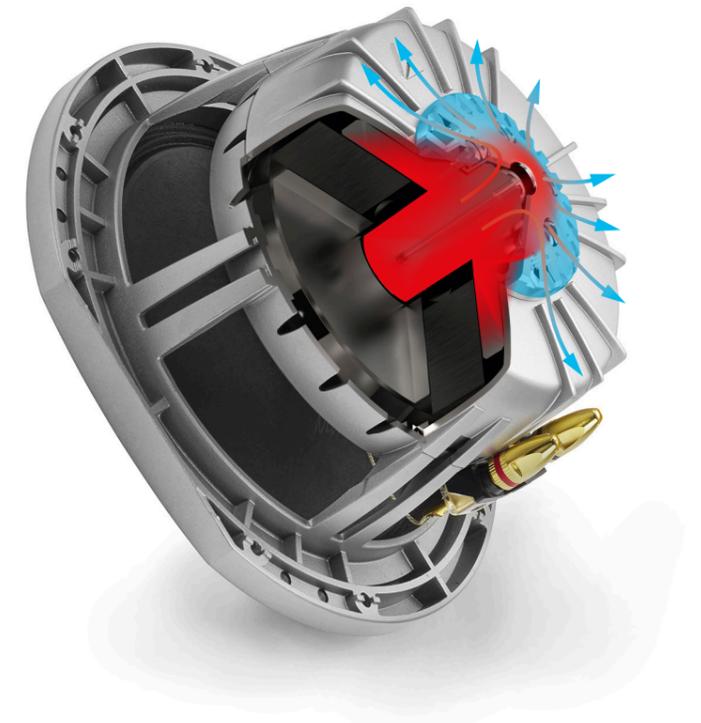
The curved shape of the cabinet is made of successive layers of high-density fiberboard, each 3mm thick, thus excluding any internal parallels.

This cabinet is characterized by a specific architecture resulting from a thorough study of the vibrations and micro-deformations of the cabinetry. Reinforcements have been placed strategically to make sure the cabinets are rigid enough to withstand the powerful vibrations generated by the drivers at high volume levels.



Tweeter TZ2900PM-MG

Several years of research and development have led to the design of the new tweeter TZ2900. In this limited edition, TRIANGLE introduces a magnesium alloy dome for a better transition to the midrange driver. Combined with the patented horn tweeter technology, this new transducer brings out all the details of the upper harmonics.



LHS 2 system

The MAGELLAN 40th anniversary edition speakers are equipped with a proprietary cooling system called LHS 2. A heat sink consisting of a heat transmission ring covers the back of the motor. This heat sink allows an optimal heat transmission to the external structure of the driver, thus improving the power handling of the transducer.

INTERNAL COMPONENTS

The internal components chosen are proof of this uncompromising approach applied only to exceptional products.



Crossovers

Assembled in our production facility, the crossovers use components selected for their remarkable audio quality. The capacitors are developed in collaboration with the French company SCR Audio, using large section air core coils only, bass and midrange/treble boards are physically separated. Every effort is made to achieve the best result possible.

audioquest

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Audioquest cable

Developed in partnership with the global specialist AUDIOQUEST, the internal wiring consists of a carefully balanced blend of long-grain copper (LGC) and high-purity perfect surface copper (PSC). The output is very clear, the listening experience unobstructed, with a dynamic but controlled bass.



Terminal

Manufactured in a block of die-cast aluminum, the connection plate has four elegant terminals in pure copper, ensuring a perfect electrical conductivity.

The terminals are designed to accommodate a bare audio cable, mounted on banana plugs or forks. With independent crossover circuits, the bi-amplification will enhance your installation.



DPS2 technology

Back tweeter on Quatuor 40TH





QUATUOR 40TH

Music as if you were at the opera. The sound image takes on a whole new dimension here, filling the space with sophistication. The Quatuor 40TH, a 135cm high 3-way floorstander, is the flagship of the new MAGELLAN 40TH anniversary edition.

With a new dome made of magnesium alloy, its horn tweeter reveals the finest details of your recordings smoothly and accurately. The Quatuor 40th is characterized by the addition of a rear tweeter that allows the speaker to radiate energy to the front and rear of the transmitting point. The sound level is better distributed, and the placement of the speaker simplified.

The 16cm driver with a paper diaphragm and small pleat suspensions, a distinctive feature of TRIANGLE speakers, reproduces any vocal register with great neutrality and without the slightest coloration.

The powerful and extensive bass of the three 16cm drivers is perfectly suited for modern music as well as for a prestigious string quartet or a cello suite. Its proprietary SVA diaphragm and its cooling system provide exceptional performances in the bass and sub-bass register.

Its extended bandwidth and its significant reserve of power make it possible to easily provide sound in rooms larger than 30m².

TECHNICAL SPECIFICATIONS

Type	Bass Reflex	High frequency roll-off (KHz)	2.6 (24dB/Oct)
ways	3	Nominal impedance (ohms)	8
Driver units	6	Minimum impedance (ohms)	3
Sensitivity (dB/W/m)	91	Dimensions (inch) L x P x H	9.9 x 13.4 x 50.4
Bandwith (+/-3dB Hz-KHz)	33 - 30	Dimensions with pedestal (inch) L x P x H	16.7 x 14.6 x 52.7
Power handling (W)	50 - 400	Unit net weight (Lbs)	103.6
Low frequency roll-off (Hz)	350 (12dB/Oct)		



CELLO 40TH

All the magic of music unfolds in this compact 110cm high 3-way floorstander. The real achievement lies in the transfer of the performance of the MAGELLAN Grand Concert into a modestly sized speaker.

The TZ2900 horn tweeter features a next generation dome in magnesium alloy that enhances the finest details of your recordings. This transducer brings out all the details of the upper harmonics.

Specialized in the midrange frequency, Triangle perpetuates its tradition with a 16cm driver with a paper cone and small pleat suspensions, reproducing the vocal register with great neutrality and without the slightest coloration.

The sandwich technology developed by the aerospace industry ensures that the two bass drivers cone are extremely lightweight and at the same time also exceptionally rigid.

The Cello achieves a unique kind of intensity. The listening experience is pure unlimited pleasure regardless of the type of music, delivered with magnificent scale and it is never fatiguing. It has a wide array of musical skills. It is as perfectly at ease at high volume as it is for intimate listening and is suitable for rooms measuring 25 to 50 m².

TECHNICAL SPECIFICATIONS

Type	Bass Reflex	High frequency roll-off (KHz)	2.6 (24dB/Oct)
ways	3	Nominal impedance (ohms)	8
Driver units	4	Minimum impedance (ohms)	3
Sensitivity (dB/W/m)	90	Dimensions (inch) L x P x H	9.9 x 13.4 x 42.5
Bandwith (+/-3dB Hz-KHz)	35 - 30	Dimensions with pedestal (inch) L x P x H	16.7 x 14.6 x 44.9
Power handling (W)	40 - 300	Unit net weight (Lbs)	85.5
Low frequency roll-off (Hz)	300 (12dB/Oct)		



DUETTO 40TH

Liveliness and dynamics are trademarks of TRIANGLE's sound, and they are packed into this gem, the Duetto, a compact 2-way bookshelf speaker.

Superb piece of engineering, its horn-loaded tweeter TZ2900 is equipped with a next generation dome in magnesium alloy. This transducer highlights the finest details of your recordings and brings out the subtlety of the upper harmonics.

Its full-range 16 cm midrange/bass driver produces rich bass details. It features a new paper cone that reproduces any vocal register with great neutrality without the slightest coloration. The Duetto speaker offers a really clear sound and puts the music forward.

Its elaborate crossover, equipped with high quality components, optimizes the bass and treble phasing for an outstanding transparency.

This compact speaker fits perfectly in rooms of less than 30m², a technological achievement for a speaker consisting of only two drivers. The Duetto is supplied with an accessory box for an adapted decoupling. The S08 speaker stand, designed specifically for this model, is available as an option.

TECHNICAL SPECIFICATIONS

Type	Bass Reflex	High frequency roll-off (KHz)	3.1 (24dB/Oct)
ways	2	Nominal impedance (ohms)	8
Driver units	2	Minimum impedance (ohms)	4
Sensitivity (dB/W/m)	88	Dimensions (inch) L x P x H	9.9 x 13.7 x 18.1
Bandwith (+/-3dB Hz-KHz)	38 - 30	Dimensions with spikes (inch) L x P x H	9.9 x 13.7 x 18.9
Power handling (W)	30 - 150	Unit net weight (Lbs)	37



VOCE 40TH

The ideal complement for an exceptional home theater system, the MAGELLAN Voce 40th is a 2-way center channel designed to reproduce dialogues. Its sealed enclosure delivers warm and detailed vocals.

The work conducted on its directivity minimized the placement issues usually encountered with this type of speaker.

The TZ2900 horn tweeter features a next generation dome in magnesium alloy that reveals the finest details of the soundtracks of your movies or series.

To achieve this level of accuracy and precision in the vocal register essential to TRIANGLE, the 2 drivers feature a paper diaphragm and small pleat suspensions emblematic of the brand. The curved shape of the cabinet is made of successive layers of high-density fiberboard, each 3mm thick. It offers excellent rigidity and excludes any internal parallels, thus avoiding any sound coloration.

The Magellan Voce 40th is TRIANGLE's response for improving the performance of home theater and multichannel music systems. The S08C speaker stand designed specifically for this model is available as an option.

TECHNICAL SPECIFICATIONS

Type	Bass Reflex	Nominal impedance (ohms)	8
ways	2	Minimum impedance (ohms)	4
Driver units	3	Dimensions (inch) L x P x H	23.7 x 13.4 x 9.9
Sensitivity (dB/W/m)	91	Dimensions with rubber stand (inch) L x P x H	23.7 x 13.4 x 11
Bandwith (+/-3dB Hz-KHz)	50 - 30	Unit net weight (Lbs)	40.8
Power handling (W)	40 - 200	Compatible stand	S08C
High frequency roll-off (KHz)	3 (24dB/Oct)		



HIGH-END SPEAKER STANDS : S08 & S08C

S08 & S08-C stands

The S08 stands have been designed for premium bookshelf speakers. Designed for the TRIANGLE Duetto 40th, they incorporate a locking system that ensures the speaker is held securely in place.

The placement of the speakers on the S08 stands, at ear level, guarantees a perfect reproduction of the entire sound spectrum. With their high stability, the S08 absorb unwanted vibrations, thus preserving the neutrality and sound precision of your speakers.

Made from a thick aluminum extrusion, the S08 stands not only have a sleek design but also a complex back structure that reduces reflections. Equipped with a compartment tube, you can add granular sand or tiny steel balls to ballast the stand and increase stability. *(Triangle ballast balls sold separately)*

Its high-density wood base is decoupled by three metal spikes that reduce the points of contact with the floor. The flatness is achieved by adjusting the height of the spikes, thus compensating for any imperfections in your floor. The center spike features SPEC technology for optimal vibration dissipation.

A cable management system at the back of the stand hides cables for a harmonious integration of your system in your living space

Ballast balls

To obtain a perfectly stable speaker stand, TRIANGLE worked on a ballasting solution. The tube made of high-density micro-cylinders, can accommodate ballast balls to effectively reduce the risk of resonance and vibration generated by the speaker.

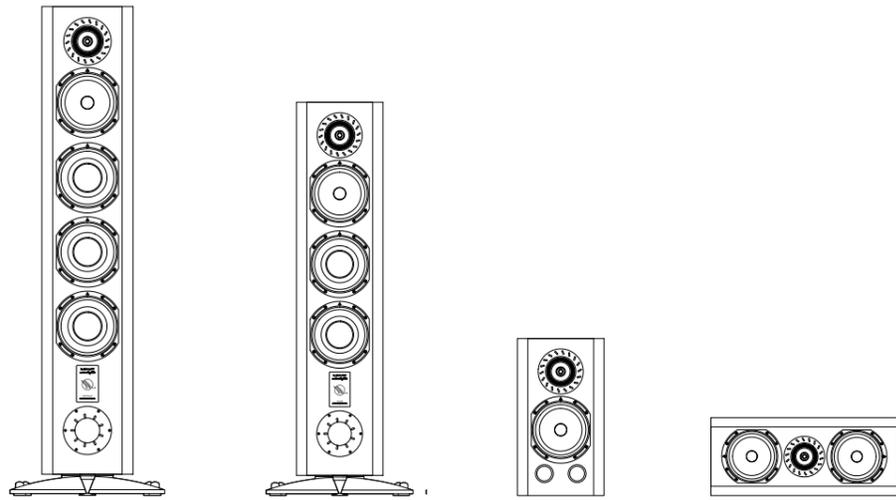
Each kit contains 4 bags of 1kg, making it easy to place them in the central tube of your stands.



MAGELLAN 40TH

Technical Specifications - Speakers

Quatuor 40TH, Cello 40TH, Duetto 40TH, Voce 40TH

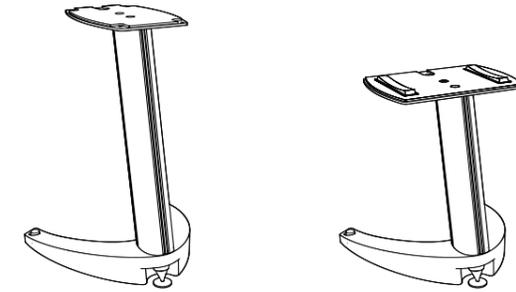


	MAGELLAN QUATUOR 40 TH	MAGELLAN CELLO 40 TH	MAGELLAN DUETTO 40 TH	MAGELLAN VOCE 40 TH
Type	Bass Reflex	Bass Reflex	Bass Reflex	Sealed load
Ways	3	3	2	2
Driver units	6	4	2	3
Sensitivity (dB/W/m)	91	90	88	91
Bandwith (+/-3dB Hz-KHz)	33 - 30	35 - 30	38 - 30	50 - 30
Power handling (W)	50 - 400	40 - 300	30 - 150	40 - 200
Low frequency roll-off (Hz)	350 (12dB/Oct)	300 (12dB/Oct)	-	-
high frequency roll-off (KHz)	2.6 (24dB/Oct)	2.6 (24dB/Oct)	3.1 (24dB/Oct)	3 (24dB/Oct)
Nominal impédance (ohms)	8	8	8	8
Minimum impédance (ohms)	3	3	4	4
Dimensions (inch) L x P x H	9.9 x 13.4 x 50.4	9.9 x 13.4 x 42.5	9.9 x 13.7 x 18.1	23.7 x 13.4 x 9.9
Dimensions with pedestal (inch) L x P x H	16.7 x 14.6 x 52.7	16.7 x 14.6 x 44.9	9.9 x 13.7 x 18.9 (spikes)	23.7 x 13.4 x 11 (rubber stand)
Unit net weight (Lbs)	103.6	85.5	37	40.8
Finitishes	Golden Oak Shadow Zebrano Space Blackl			
Compatible stand	-	-	S08	S08 C

MAGELLAN 40TH

Technical Specifications - Accessories

S08, S08 C



	S08	S08 C
Type	Bookshelf stand	Center channel stand
Height (inch)	26.7	17.7
Base size (inch)	17.7 x 16.5	17.7 x 16.5
Top plate size (mm) L x P	8.66 x 12.4	13.8 x 9.8
Cable managment	Yes	Yes
Decoupling Spikes	Yes, adjustable	Yes, adjustable
Weighted foot	Yes, filling bag provided	Yes, filling bag provided
Dimensions (inch) L x P x H	17.7 x 16.5 x 26.7	17.7 x 16.5 x 7
Poids Net (Kg)	20.3	20.9



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