

Magellan
by TRIANGLE

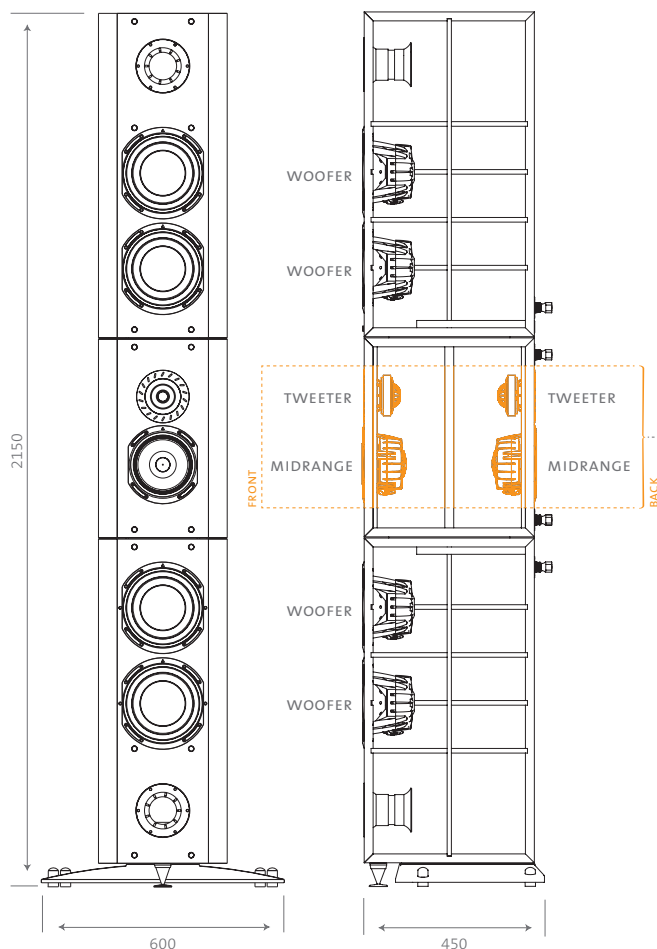
GRAND CONCERT

The GRAND CONCERT loudspeaker which has required more than 1000 design plans throughout its development stages, is the culmination of professional craftsmanship and a passionate desire. It represents the very heart and soul of TRIANGLE.



High-gloss lacquer finish available in Black or White on Grand Concert.

TECHNICAL SPECIFICATIONS

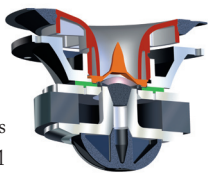
**MAGELLAN** UNIQUE SYSTEM

The **BI-POLAR** arrangement is designed to faithfully reproduce the soundstage by diffusing a 360° sound image.

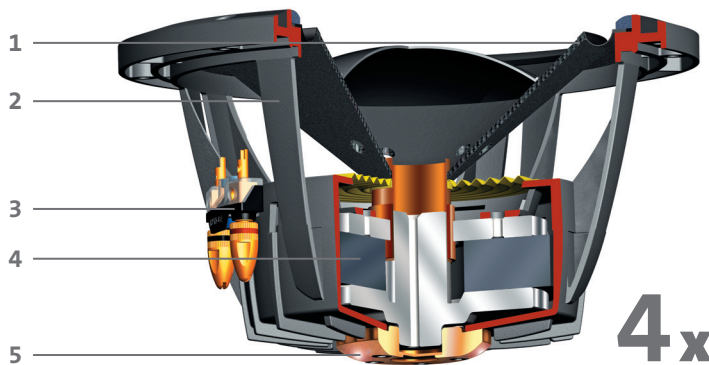
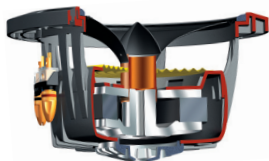
NUMBER OF DRIVERS	8
NUMBER OF WAYS	3
TWEETER	TZ2900GC
MIDRANGE	T16GMF100-THG06
WOOFER (2x)	T21GM-MT10-THG06
SENSITIVITY (dB/W/m)	91
FREQUENCY RANGE (+/- 3dB Hz-KHz)	28 – 20
POWER HANDLING (W)	400
REPETITIVE PEAK POWER	800
SPL MAX (dB)	116
NOMINAL IMPEDANCE (Ω)	4
MINIMUM IMPEDANCE (Ω)	2,5
LOW FREQUENCY ROLL-OFF (Hz)	300 (12dB/Oct)
HIGH FREQUENCY ROLL-OFF (Hz)	2800 (24dB/Oct)
DIMENSIONS (HxLxP mm)	2150 x 600 x 450
WEIGHT (Kg)	100

2x**TWEETER TZ2900GC**

Optimized by computer simulation, its horn is shaped to provide a substantial attenuation of the directivity effect, i.e. off-axis drop in high frequency level. A remarkably smooth and fluid musical quality!

**2x****MIDRANGE T16GMF100-THG06**

A unique design: extra wide bandwidth from 70 Hz to 4000 Hz with minimum distortion and the most linear output in the industry. The new cellulose fiber diaphragm features an exponential profile to ensure true-to-life reproduction in the medium frequency band.

**4x****WOOFER T21GM-MT10-THG06**

1. Composite diaphragm consisting of an inner cellular structure (cellulose pulp) sandwiched between two sheets of fiberglass (new SVA diaphragm).
2. High rigidity die-cast aluminium basket fitted with a rear cover acting as a radiator.
3. Special connection block on T16PG, T16GM and T21GM series drivers.
4. The special steel alloy polar pieces of the motor provide an extremely powerful magnetic field.
5. Thermal transfer ring designed to dissipate the heat generated by the motor (LHS2 System).

