



## APPLICATIONS

- Bars
- Pubs
- Restaurants
- Retail shops
- Clubs
- Entertainment venues
- Fitness centres
- Conference rooms
- Theatres
- Houses of worship
- Exhibition centres

## KEY FEATURES

- 2-way passive sound reinforcement system
- 0.47" baltic birch plywood cabinet
- 1 x 6.5" custom made LF woofer with rubber surround
- 1 x 1" HF dome tweeter
- 150W continuous pink noise
- 300W continuous program
- 600W peak
- Optional line transformer (100V / 100W)
- Multiple M5 threaded rigging points
- Crossover networks equipped with 4 x Euroblock speaker terminals
- Choice of different RAL paint colours
- Choice of different paint finish
- Completely manufactured in Italy



*Designed, Engineered  
and Manufactured in ITALY*

## PRODUCT DESCRIPTION

The loudspeaker shall consist of a 6.5" low frequency transducer 1" HF dome tweeter; the low frequency driver's voice coil shall be 1.5" in diameter. Performance specifications of a typical unit shall be as follows: usable frequency response shall extend from 60Hz to 22kHz; nominal impedance shall be 8 ohms; the frequency dividing network shall have a crossover frequency of 2.5 kHz; measured sensitivity shall be at least 91dB ( at 1m [3.3ft] ). The input shall be switchable for use either at nominal 8 ohms or on a 100V distributed speaker line via transformer (optional). The cabinet shall be constructed of 0.47" Baltic birch plywood covered in a scratch & scuff resistant black or white finish. ARCHON speakers shall be installed in suspension by wall bracket, on tripod stand, with adjustable wall support and simple stack installation.

## ELECTRONIC SPECIFICATIONS

System Type	2 Way
Recommended Amplifier	300W RMS
System Long Term Power	150W
System Short Term Power (IEC 268-5)	600W
Transformer (optional)	100V / 100W
Nominal Impedance	8 Ohm
Frequency Response	60Hz - 22kHz (@-6dB)
Sensitivity	91dB (@1W, 1m)
Max SPL (cont/peak) (bi-amp)*	116dB / 119dB
Dispersion	100°
Crossover Frequency	2.5kHz
Recommended HP Filter	45Hz - 24dB oct.

## PHYSICAL SPECIFICATIONS

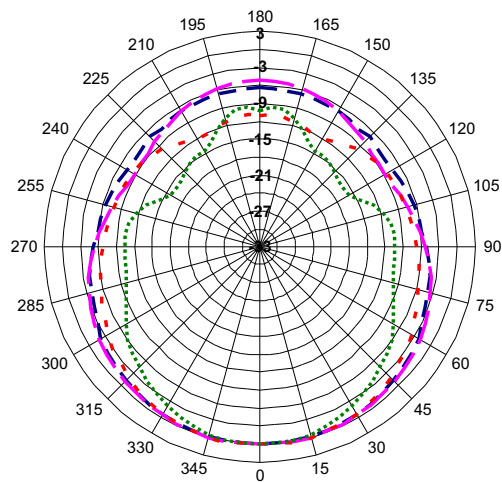
Low Frequency Woofer	6.5" / 1.5" coil
High Frequency Driver	1" / 1" coil
Input Connectors	Euroblock (4 pin)
Net Dimensions (WxHxD) inch	8.50 x 14.17 x 8.50
Shipping Dimensions (WxHxD) inch	11.81 x 17.32 x 11.81
Net Weight	12.1 lbs
Shipping Weight	16.5 lbs
Enclosure Material	0.47" baltic plywood
Grille	Steel with powder coat black or white paint finish

\* CONT. SPL: free space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average  
PEAK SPL: free space, based on short term applicable power rating and system peak sensitivity, 10mS time average

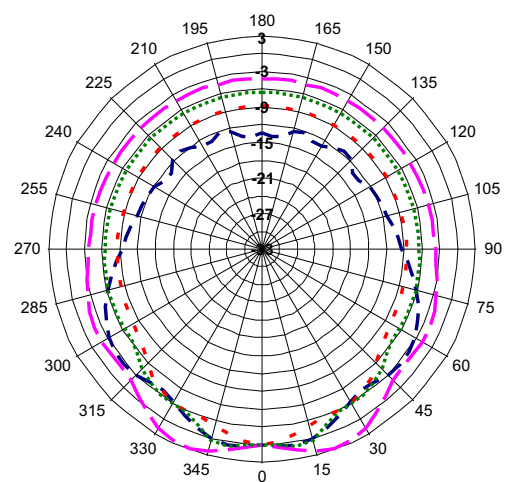


## DIAGRAMS

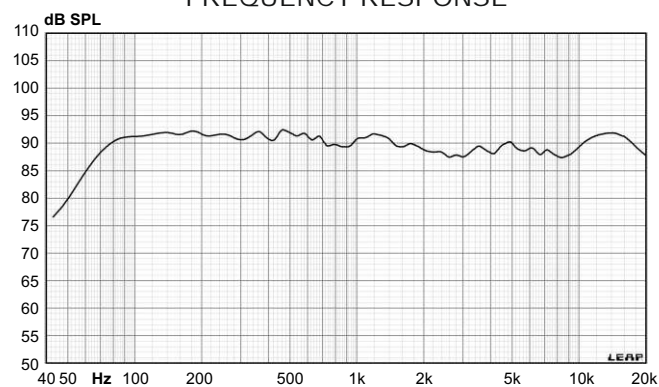
Horizontal polar diagrams



Horizontal polar diagrams



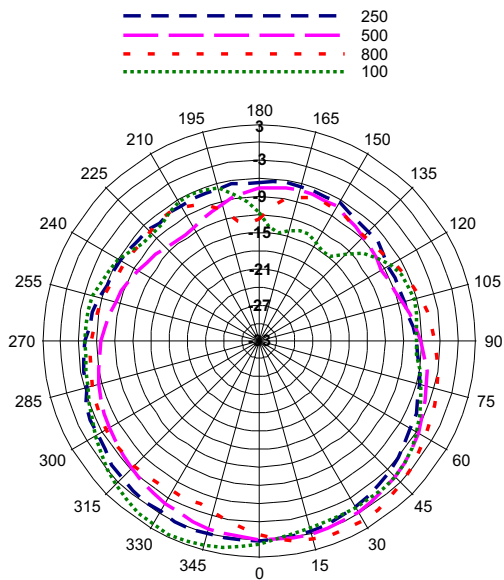
## FREQUENCY RESPONSE



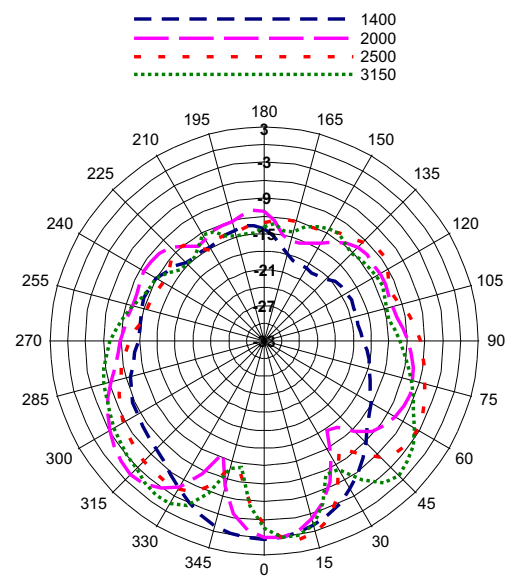


## DIAGRAMS

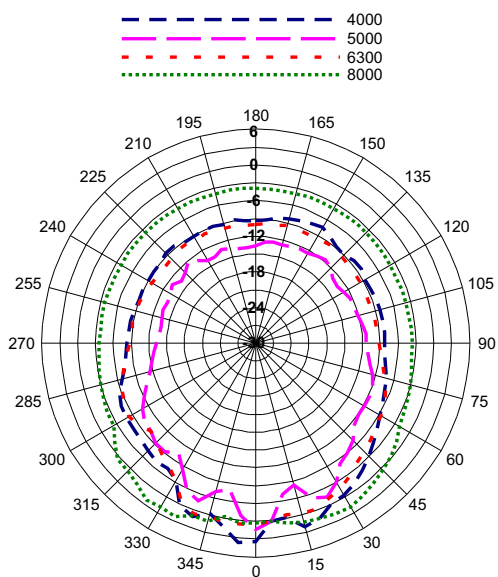
axis normalized vertical polar diagrams



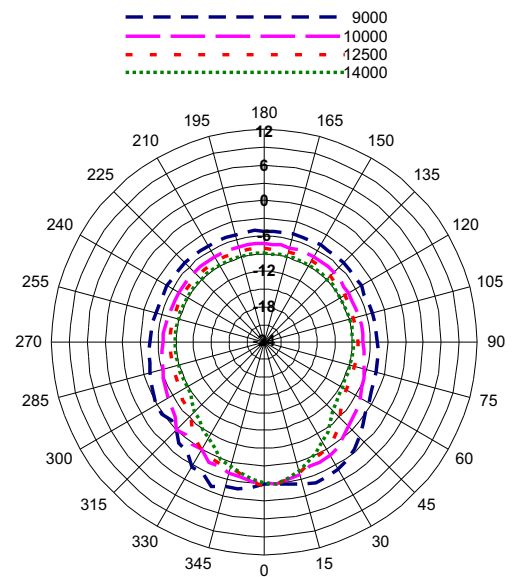
axis normalized vertical polar diagrams



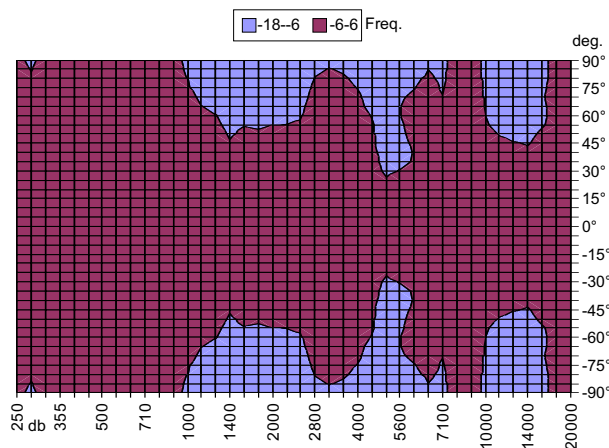
axis normalized vertical polar diagrams



axis normalized vertical polar diagrams



Horizontal coverage



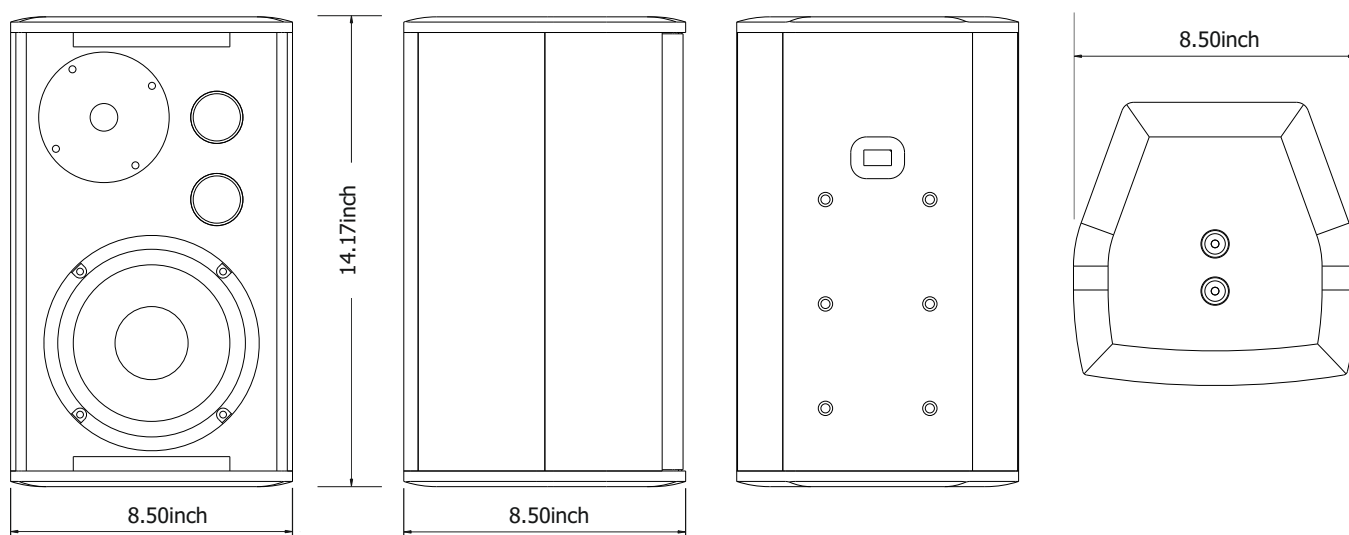


## POWER SELECTION

ARCHON 106	COM	HI	100W
	COM	LO	50W



## DIMENSIONAL DRAWINGS



## ACCESSORIES

