

GRANDE UTOPIA™ EM™

Product specification sheet

The Grande Utopias are not only loudspeakers that have had a great impact on their generation. It's also the most accomplished concept of "The Spirit of Sound", the ultimate reference. After the "W" cones and the pure Beryllium tweeter of the previous models that had marked a technological break, the Grande Utopia EM adopts an Electro-Magnet woofer (EM) with a force that cannot be compared to classical technologies. Superlative performance, unique style: the Grande Utopia EM is not only a technological monument, it's above all an acoustic sculpture.



- A reference 4-way floorstanding loudspeaker
- High efficiency Electro-Magnetic woofer
- Adjustable Focus Time, entirely articulated loudspeaker
- Utopia 3 EM technologies: Beryllium, IAL2™, Focus Time™, W™, Power Flower™, OPC™, Gamma Structure™
- 1458 possible adjustments for total sound personalization
- 100% Focal manufacture



FOCAL
the Spirit of Sound

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- 1 **11" (27cm) "W" midbass**
 - > 3rd generation W composite sandwich technology, laser cut-out
 - > High efficiency Multiferrite magnet
- 2 **6^{1/2}" (16.5cm) "W" Power Flower midrange drivers**
 - > 3rd generation W composite sandwich technology, laser cut-out
 - > Power Flower magnet, maximal power and reduced magnetic leaks
- 3 **IAL2 pure Beryllium inverted dome tweeter**
 - > very large bandwidth from 1 to 40kHz
 - > IAL2 (Infinite Acoustic Loading): low resonance frequency at 580Hz
 - > definition, rapidity and transparency of the midrange/treble
- 4 **16" (40cm) "W" Electro-Magnet EM**
 - > extremely powerful Electro-Magnetic EM (BL = 34 T.m)
 - > 3rd generation W composite sandwich technology, laser cut-out
- 5 **High section laminar port**
 - > no air flow or distortion noises
 - > no dynamic compression of the bass
- 6 **Adjustable Focus Time**
 - > entirely articulated loudspeaker body
 - > "sweet spot" sharp adjustment
 - > driver orientation towards the listener
- 7 **Gamma Structure**
 - > MDF panels up to 2" (5cm) for a stable mechanical reference
 - > anti-vibration heavy structure, optimized by vibratory cartography
- 8 **OPC+ filtering**
 - > extreme bass to the extreme treble integral adjustments
 - > 1458 possible adjustment combinations
 - > audiophile type components
 - > WBT connectors



Removable tweeter and woofer grilles

Type	4-way, floorstanding bass-reflex loudspeaker
Drivers	Electro-Magnetic 16" (40cm) "W" woofer Multiferrite 11" (27cm) "W" midbass 2 Power Flower 6 ^{1/2} " (16.5cm) "W" midrange drivers IAL2 pure Beryllium inverted dome 1" (27mm) tweeter
Frequency response (+/- 3dB)	18Hz - 40kHz
Response at - 6dB	14Hz
Sensitivity (2.83V / 1m)	94dB
Nominal impedance	8 Ω
Minimal impedance	3 Ω
Filtering frequencies	80Hz / 220Hz / 2200Hz
Recommended amp power	50 - 1500W
Dimensions (H x L x D)	79 ^{13/16} x 25 ^{3/4} x 34 ^{5/8} " (2012 x 654 x 880mm)
Weight	573.2 lb (260kg)

