

# MAESTRO UTOPIA™

## Product sheet

A three-and-a-half-way loudspeaker, Maestro Utopia is one of the most sophisticated loudspeakers produced by Focal. To get closer to the Grande Utopia EM model without resorting to an electromagnet, it innovates in the bass with the MDS (Magnetic Damping System) to adapt to the listening room. With its 93dB efficiency, its punchy dynamics and its outstanding definition, its power capacity seems unlimited. Maestro is also suggested as a studio mastering midfield system.



- Three-and-a-half-way reference loudspeaker
- High efficiency, high power-handling: high-fidelity at real sound level
- The technologies of Utopia 3: Beryllium, IAL2™, Focus Time™, OPC+™, W™, Power Flower™, OPC™, Gamma Structure™
- Exclusive technologies: MDS (Magnetic Damping System), to adapt the bass to the listening room, real integrated subwoofer channel
- Sound personalization with adjustable bass, midrange and treble levels.
- 100 % Focal manufacture



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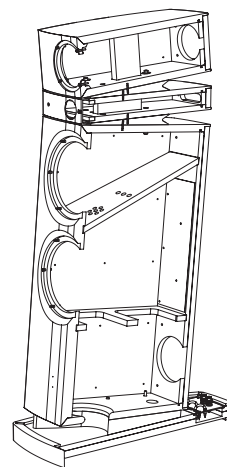
## Product sheet

- 1 **6 1/2" (16.5cm) Power Flower midrange "W" driver**
  - > 3<sup>rd</sup> generation W composite sandwich technology, laser cut-out
  - > Power Flower magnet, maximal power and reduced magnetic leaks
- 2 **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
- 3 **11" (27cm) "W" woofer**
  - > 3<sup>rd</sup> generation W composite sandwich technology, laser cut-out
  - > powerful permanent magnet, 1.5" (40mm) voice coil, sealed box
- 4 **11" (27cm) "W" woofer MDS, subwoofer channel**
  - > 3<sup>rd</sup> generation W composite sandwich technology, laser cut-out
  - > ultra-powerful double-ferrite permanent magnet, 2" (50mm) voice coil, vented box
  - > Magnetic Damping System (MDS)
- 5 **High section laminar port**
  - > no air flow or distortion noises
  - > no dynamic compression of the bass
- 6 **Focus Time**
  - > mechanical phase optimization of the drivers
  - > 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**
  - > Bass adjustment on  $\pm 1$ dB, treble on  $\pm 1.5$ dB
  - > audiophile type components
  - > WBT connectors

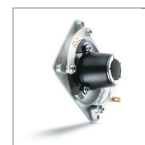


### Removable tweeter and woofer grilles

|                              |  |
|------------------------------|--|
| Type                         | 3 1/2 way, floorstanding vented loudspeaker  |
| Drivers                      | 11" (27cm) "W" subwoofer with a Magnetic Damping System (MDS)<br>11" (27cm) "W" woofer<br>6 1/2" (16.5cm) "W" Power Flower Midrange<br>1" (27mm) IAL2 pure Beryllium inverted dome tweeter |
| Frequency response (+/- 3dB) | 25Hz - 40kHz   |
| Response at - 6dB            | 21Hz   |
| Sensitivity (2.83V / 1m)     | 93dB   |
| Nominal impedance            | 4Ω   |
| Minimal impedance            | 3Ω   |
| Filtering frequencies        | 90Hz / 220Hz / 2200Hz  |
| Recommended amp power        | 80 - 600W  |
| Dimensions (H x L x D)       | 57 7/8" x 18 x 30 5/16" (1470 x 455 x 770mm)   |
| Weight                       | 256lb (116kg)  |



Half-section view of the Maestro Utopia that clearly shows the two cavities, one sealed (with a decompression through 7 holes towards the second box) and the second vented, acting like a subwoofer.



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