

ULTIMA

Hand made
in France

ELITE – UTOPIA BE

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France

 **FOCAL**[®]
THE SPIRIT OF SOUND

WHAT IS ULTIMA ?

Elite / Utopia Be

- *Full Active Kit*
- *2 way component kit in 6 1/2" + 2 x 8" subwoofers*
- ***Grande Utopia Be Tweeter***
- ***Grande Utopia Midrange***
- ***SM9 Subwoofer***

***The best components from the
Very high end LOUDSPEAKER***



ULTIMA – PLEASURE OF SOUND

Elite / Utopia Be

Design and engineered to be the Best !

Unique sensation in the world to get the Grande UTOPIA in your car.
A real midbass developed from the « grande » midrange associated to the Utopia III tweeter

Incredible materials and all the best FOCAL technologies used on this kit are not the only highlights... more than a « product » it's a real complete HIFI system....

With a high air decompression from the power flower woofer the distortion is reduced to the minimum and offers a high dynamic.
From the low bass level to the very high frequencies, the listening pleasure is given by details and neutrality and high dynamic.
Detailed soundstage, instrument separation, relief, precision like you never heard before.

Competition using or pleasure to give the best to your car...



ULTIMA – WE PUSHED THE LIMIT

Elite / Utopia Be

- *Material & Performances homogeneity*
- *Black mat and red finishing*
- *Beryllium - Utopia Be technologies*
- *Laser engraving*
- *Power handling*
- *Audiophile HIFI sound*
- *Handmade manufacturing, drivers hand pairing*
- ***For the best installers in the world***



ULTIMA – TWEETER KEY POINTS

Elite / Utopia Be

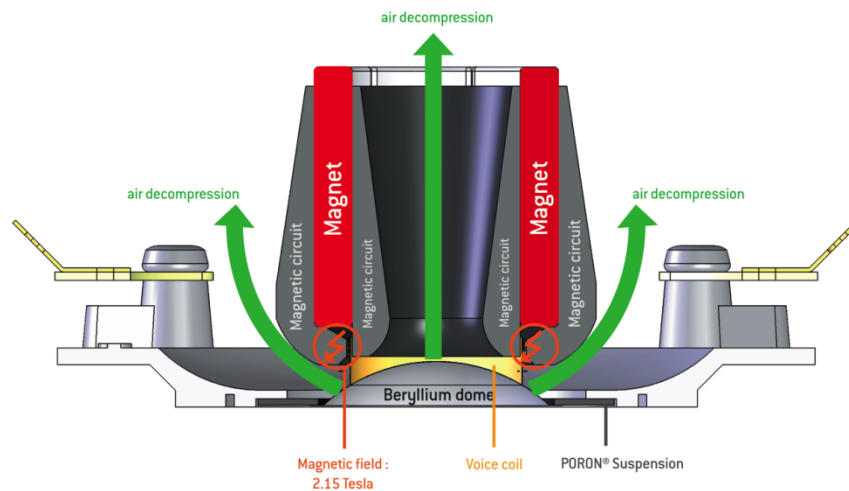
Amazing High frequencies !

- Grande UTOPIA **IAL2** tweeter
- Beryllium dome
- 500Hz to 40KHz
- Low resonance frequency (lower than a TBE)
- Powerfull neodymium motor (Strong magnetic field)
- High decompression (*Infinite acoustic load*)
- Black Anodized Aluminum and laser engraved housing
- Sealed enclosure requested : 0,3 L (0,01 cu ft)



ULTIMA – TWEETER TECHNICAL SPECS

Elite / Utopia Be



	SPECIFICATIONS
Nominal power	50W (with filtering)
Maximum power	200W (without filetring)
Sensitivity	93 dB
Cone	Be
Surround	Poron
Nom. impedance	8 Ω
DC resistance	5.8 Ω
VC diameter	20 mm (013/16")
VC height	1.4 mm (0 1/16")
Former	Alu
Layers	2
Wire	Copper
Inductance	
Xmax	± 0.1 mm
Magnet d x h	38 x 35 mm (1 1/2" x 1 3/8")
Magnet weight	190 g (0,42 lbs)
Flux density	
Gap height	1.5 mm (0 1/16")
Net weight	300 g (0,66lbs)

	PARAMETERS
Fs	535 Hz
Vas	0.03 liters
Qts	0,37
Qes	0,5
Qms	1,4
Re	5.8 Ω
Sd	8 cm ²
Cas	2.38E-08 m5/N
Mas	84.1 Kg/m4
Ras	892582 Ohms.ac
Cms	367 μ m/N
Mms	0.24 g
Rms	0.57 Kg/s
Ces	25.6 mF
Les	3.44 mH
Res	16.24 Ohms
BI	3.06N/A
SPL	93 dB/W/m

ULTIMA – 6WULTIMA WOOFER KEY POINTS

Elite / Utopia Be

The smoothest midrange !

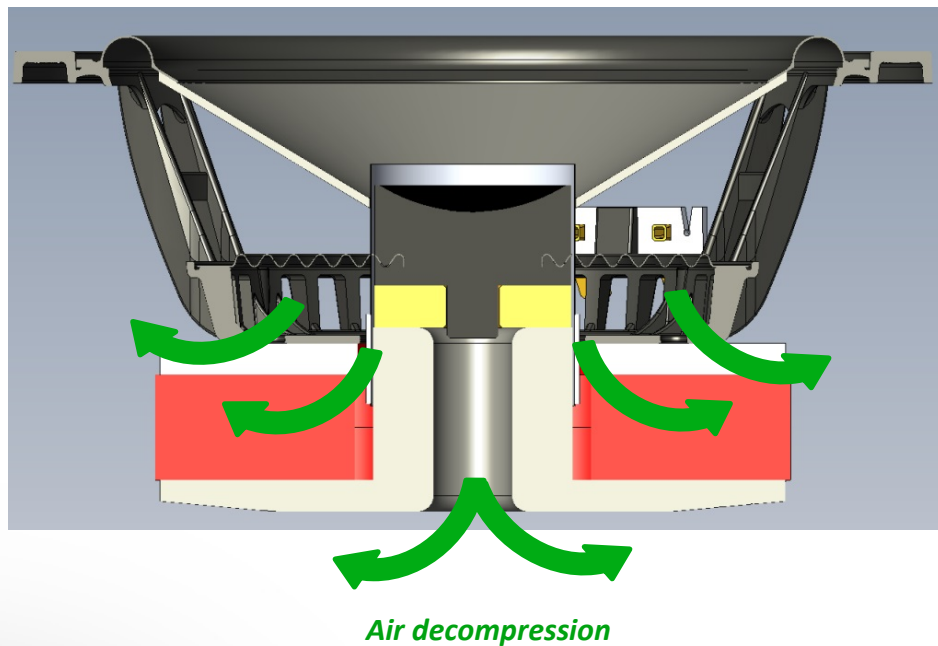
Grande UTOPIA midrange adapted to become a real midbass

- Double layer Utopia Be cone (improvement of bass precision and climatic conditions)
- Multiferrite magnet (powerfull and better decompression)
- Open structure basket (More excursion = More dynamic)
- Black anodized aluminium ring for ultima signature
- 60Hz to 4,5KHz
- Sealed enclosure requested :30 L (1 cu ft)



ULTIMA – 6WULTIMA WOOFER TECHNICAL SPECS

Elite / Utopia Be



Air decompression

	SPECIFICATIONS
Nominal power	120W
Maximum power	240W
Sensitivity	90.5 dB
Cone	W
Surround	Butyl
Nom. impedance	4 Ω
DC resistance	3 Ω
VC diameter	40 mm (1 9/16")
VC height	17 mm (0 2/3")
Former	Kapton
Layers	2
Wire	Alu
Inductance	
Xmax	±5.5 mm (03/16")
Magnet d x h	122 x 32 mm (4 13/16 x 1 1/4")
Magnet weight	1.56 kg (3,44lbs)
Flux density	
Gap height	6 mm (0 1/4")
Net weight	2.05 kg (4,52 lbs)

	PARAMETERS
Fs	62 Hz
Vas	13.5 liters
Qts	0,71
Qes	0,76
Qms	9,8
Re	3.9 Ω
Sd	120 cm ²
Cas	7.22E-08 m5/N
Mas	82.28 Kg/m4
Ras	3376 Ohms.ac
Cms	515 μm/N
Mms	12.7 g
Rms	0.49 Kg/s
Ces	481.7 mF
Les	12.3 mH
Res	50.6 Ohms
B	5 N/A
SPL	88.1 dB/W/m

ULTIMA – **8WULTIMA** SUBWOOFER KEY POINTS

Elite / Utopia Be



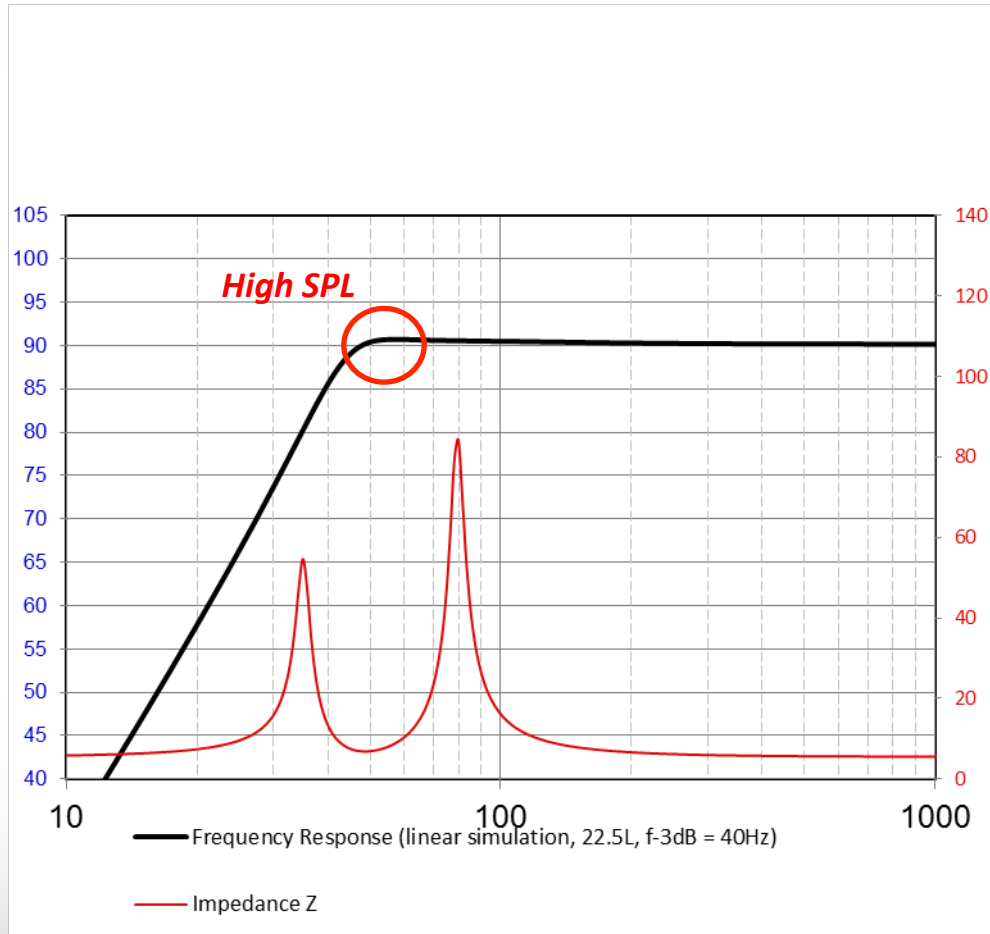
Incredible excursion & linearity at high SPL !

SM9 - 8" subwoofer

- Double layer Utopia Be cone
- Dual magnet (powerfull, linearity and high excursion)
- High power handling
- Single voice coil (6 Ohms)
- High SPL (90,2 db/oct)
- Ported enclosure requested : 22,5l (0,79 cu ft) : F-3 = 40Hz

ULTIMA – 8WULTIMA SUBWOOFER TECHNICAL SPECS

Elite / Utopia Be



SPECIFICATIONS	
Nominal power	300W
Maximum power	600W
Sensitivity	90.2 dB
Cone	W
Surround	Butyl
Nom. impedance	6 Ω
DC resistance	5.5 Ω
VC diameter	50 mm (1 15/16")
VC height	28 mm (1 1/8")
Former	Kapton
Layers	1
Wire	Alu
Inductance	
Xmax	± 10 mm (0 3/8)
Magnet d x h	155 x 58 mm (6 1/8" x 2 5/16")
Magnet weight	5.5 kg (12,1 lbs)
Flux density	
Gap height	8 mm (0 5/16")
Net weight	6.05 kg (13,34")

PARAMETERS	
Fs	59 Hz
Vas	12.2 liters
Qts	0,49
Qes	0,51
Qms	13,15
Re	5.5 Ω
Sd	201 cm ²
Cas	8.71E-08 m5/N
Mas	84.1 Kg/m4
Ras	2362.9 Ohms.ac
Cms	215 μ m/N
Mms	34 g
Rms	0.95 Kg/s
Ces	251 mF
Les	29.2 mH
Res	141.8 Ohms
Bl	11.6 N/A
SPL	88.7 dB/W/m

ULTIMA – UNIC SIGNATURE

Elite / Utopia Be

