

Residential

2011 Catalogue





Custom Solutions

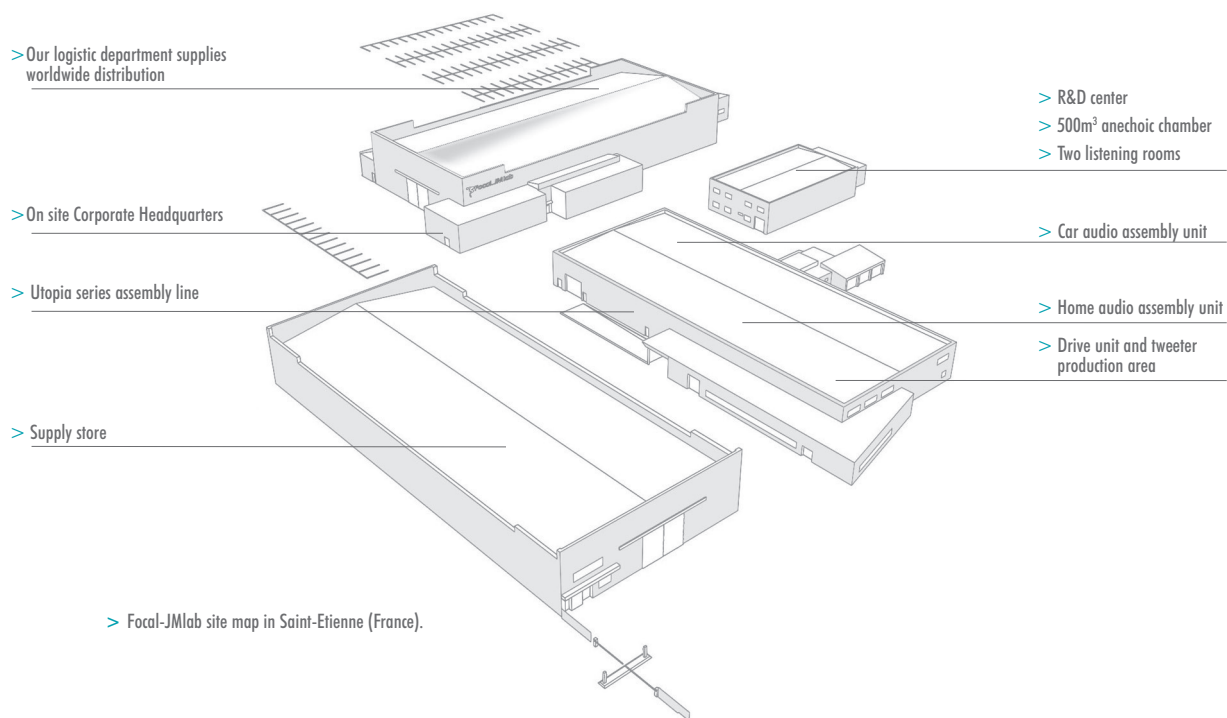
- ◆ In-Wall / On-Wall loudspeakers: *Electra 1000, Chorus 700 V, Custom 100*
- ◆ In-Ceiling loudspeakers: *Electra 1000, Chorus 700 V, Custom 100*
- ◆ Outdoor loudspeakers: *Chorus 700 V, Custom 100*

the Spirit of Sound

For 30 years, Focal has designed, developed and manufactured drive-units and loudspeakers. Our renown is international: that of a market leader in the segment of quality acoustic loudspeakers. Over these years, several legendary models and series have appeared and led the way to greater success and prestige. At the zenith of this evolution, the Grande Utopia. This speaker alone created a

worldwideshockthatinscribedFocalinto history books as the most innovative loudspeaker brand on the planet. Innovation, design and industrialisation follow in a tradition where skilled handwork remains an essential element of our luxury offering, and justifies our activities in research and development, and most of all, the manufacturing of our loudspeakers at our production site. Dynamism and creativity are

intrinsic Focal values. We believe that to push limits is the only possible avenue to innovation and that all that belongs to the domain of the impossible simply represents a challenge. Innovation, tradition, be the world's best in everything we create for your pleasure, that's our philosophy: "the Spirit of Sound".



> Focal, it's a brand, but also three divisions: Focal Home, Focal Car and Focal Professional. Each of these divisions enriches the others with its own experience to make progress in every field. Today, Focal Home also gathers two subdivisions, split between traditional Acoustic Loudspeaker, and the Multimedia/Miniature/Design/Integration solutions dedicated to private customers or groups.



Custom Solutions

All the Focal In-Wall Custom solutions, from the ceiling to the outdoor solutions, are developed with the same quality standards as our traditional speakers. So, they are an almost invisible alternative sound system, all ready-to-be-painted and supplied with numerous accessories to get the best possible integration in your environment.

In-Wall / On-Wall loudspeakers

Electra IW 1003 Be



On-Wall mounting frame:

- Black or white lacquered finish
- Ready-to-be-painted rough finish
- Any RAL reference finish on demand

True technology concentrate, this 3-way reference is the high-end traditional alternative loudspeaker. Horizontal or vertical mounting available or in-wall or even on-wall with the optional On-Wall frame. Magnetic speaker grille.

Electra IW 1002 Be / IW 1002



On-Wall mounting frame:

- Black or white lacquered finish
- Ready-to-be-painted rough finish
- Any RAL reference finish on demand

Mounting kit for walls under construction.

The IW 1002 Be's sophisticated design enables it to compete with any high-end 2-way loudspeaker thanks to its pure Beryllium inverted dome tweeter and its W cone woofer loaded with integrated sealed volume. Magnetic speaker grille.

IW 1002 : Aluminum/Magnesium inverted dome tweeter version

Technical specifications

	IW 1003 Be	IW 1002 Be	IW 1002
Speakers	6 ¹ / ₂ " (16.5cm) "W" passive radiator 6 ¹ / ₂ " (16.5cm) "W" woofer 3" (8cm) "W" midrange 1 ¹ / ₄ " (27mm) pure Beryllium IAL inverted dome tweeter	6 ¹ / ₂ " (16.5cm) "W" midbass 1 ¹ / ₄ " (27mm) pure Beryllium inverted dome tweeter	6 ¹ / ₂ " (16.5cm) "W" midbass 1" (25mm) Al/Mg inverted dome tweeter
Frequency response [±3dB]	49Hz - 40kHz	60Hz - 40kHz	60Hz - 30.5kHz
Sensitivity [2.83V/1m]	90dB	88dB	88dB
Nominal impedance	8 Ohms	8 Ohms	8 Ohms
Amp. recommended power	25 - 240W	25 - 150W	25 - 150W
Adjustments	Tweeter: - 3dB / 0dB / +3dB Midrange: - 3dB / 0dB / +3dB	Tweeter: - 3dB / 0dB / +3dB	Tweeter: - 3dB / 0dB / +3dB
Dimensions [H x L x D]	27 ⁹ / ₁₆ x 11 ³ / ₄ x 4" (700 x 298 x 102mm)	16 ³ / ₈ x 11 ³ / ₄ x 4" (415 x 298 x 102mm)	16 ³ / ₈ x 11 ³ / ₄ x 4" (415 x 298 x 102mm)
Cut-out dimensions [H x L]	26 ¹ / ₈ x 10 ³ / ₈ " (664 x 262mm)	14 ⁷ / ₈ x 10 ³ / ₈ " (379 x 262mm)	14 ⁷ / ₈ x 10 ³ / ₈ " (379 x 262mm)
Depth from wall	3 ⁷ / ₈ " (99mm)	3 ⁷ / ₈ " (99mm)	3 ⁷ / ₈ " (99mm)
Weight [unit]	22lb (10kg)	13.6lb (6.2kg)	13.6lb (6.2kg)
Packaging	per unit	per unit	per unit

Chorus IW 706 V



The two-way, In-Wall acoustic loudspeaker IW 706V benefits from all the technology that came from the Chorus V line. A superior quality sound in stereo and an extremely well-adapted speaker for the 5.1 and 7.1 multichannel solutions.
Mounting kit (for walls under construction).

Custom IW 106



As in the entire Custom 100 line, the IW 106 benefits from Focal know-how: high power handling and efficiency, compatibility with damp environments, inverted dome tweeter and fibreglass cone make it a 100% Focal product.
Mounting kit (for walls under construction).

Technical specifications

	IW 706 V	IW 106
Speakers	6 ¹ / ₂ " (16.5cm) Polyglass midbass 1" (25mm) Al/Mg adjustable inverted dome tweeter	6 ¹ / ₂ " (16.5cm) fiberglass midbass 1" (25mm) Aluminum adjustable inverted dome tweeter
Frequency response (± 3dB)	65Hz - 28kHz	60Hz - 20kHz
Sensitivity (2.83V/1m)	89dB	89dB
Nominal impedance	8 Ohms	8 Ohms
Amp. recommended power	25 - 120W	10 - 120W
Adjustments	Tweeter: - 3dB / 0dB / +3dB	Tweeter: - 3dB / 0dB / +3dB
Dimensions (H x L x D)	12 ⁵ / ₈ x 9 ¹ / ₄ x 3 ³ / ₄ " (321 x 235 x 96mm)	12 ³ / ₁₆ x 8 ¹ / ₈ x 2 ¹⁵ / ₁₆ " (310 x 207 x 74mm)
Cut-out dimensions (H x L)	11 ¹ / ₃ x 8" (288 x 203mm)	10 ⁵ / ₈ x 6 ¹¹ / ₁₆ " (273 x 170mm)
Depth from wall	3 ⁵ / ₈ " (92mm)	2 ¹³ / ₁₆ " (71mm)
Weight (unit)	4.4lb (2kg)	3.4lb (1.6kg)
Packaging	per unit	per unit

In-Ceiling loudspeakers

Electra IC 1002



The IC 1002 is a high-end loudspeaker, equipped with an exclusive coaxial driver, with W cone and Al/Mg tweeter, for maximum musicality and power handling. Perfect for a quality main system or as a high-end In-Ceiling effect speaker.

Mounting kit (for walls under construction).

Chorus IC 706 V



The In-Ceiling version of the IW 706V, the IC 706V revisits all the same technologies with a 6^{1/2"} (16.5cm) Polyglass woofer, coaxial version of the TNV and Wall Boost Control. It benefits from an update without concession as does any Focal loudspeaker.

Mounting kit (for walls under construction).

Chorus IC 706 V ST



The IC 706 V ST is a stereo loudspeaker, perfect for small rooms, without losing any information from the left and right channels or as a simplified surround solution.

Mounting kit (for walls under construction).

Technical specifications

	IC 1002	IC 706 V	IC 706 V ST
Speakers	6 ^{1/2"} (16.5cm) "W" midbass 1" (25mm) Al/Mg TNV rotating inverted dome tweeter	6 ^{1/2"} (16.5cm) Polyglass midbass 1" (25mm) Al/Mg TNV rotating inverted dome tweeter	6 ^{1/2"} (16.5cm) dual voice coil Polyglass midbass 1" (25mm) dual Al/Mg TNV rotating inverted dome tweeter
Frequency response (±3dB)	60Hz - 30.5kHz	65Hz - 28kHz	65Hz - 28kHz
Sensitivity (2.83V/1m)	88dB	89dB	89dB
Nominal impedance	8 Ohms	8 Ohms	2 x 8 Ohms
Amp. recommended power	25 - 150W	25 - 120W	25 - 120W
Tweeter adjustments	- 3dB / 0dB / +3dB	- 3dB / 0dB / +3dB	-
Dimensions (H x L x D)	Ø 10 x 3 ^{3/4"} (253 x 96mm)	Ø 10 x 3 ^{3/4"} (253 x 96mm)	Ø 10 x 3 ^{3/4"} (253 x 96mm)
Cut-out dimensions (H x L)	Ø 8 ^{11/16"} (221mm)	Ø 8 ^{11/16"} (221mm)	Ø 8 ^{11/16"} (221mm)
Depth from wall	3 ^{5/8"} (92mm)	3 ^{5/8"} (92mm)	3 ^{7/8"} (92mm)
Weight (unit)	4.6lb (2.1kg)	4.2lb (1.9kg)	4.4lb (2kg)
Packaging	per unit	per unit	per unit

Custom IC 108



With its 8" (21cm) fiberglass woofer, 91dB sensitivity and very high power handling, the IC 108 recreates a large, powerful sound, even in rooms of very large dimensions.

Mounting kit (for walls under construction).

Custom IC 106



The right balance between compact size, performance and bass reproduction, the IC 106 is a multi-purpose and adaptable In-Ceiling loudspeaker thanks to its tonal balance and numerous possible settings. The true Focal sound at a competitive price.

Mounting kit (for walls under construction).

Custom IC 105



The most compact In-Ceiling solution with a 5" (13cm) woofer and an inverted dome, Aluminum coaxial tweeter: ideal for small rooms, bedrooms or bathrooms, outdoor or marine use.

Mounting kit (for walls under construction).

Technical specifications

	IC 108	IC 106	IC 105
Speakers	8" (21cm) fiberglass midbass 1" (25mm) Aluminum rotating inverted dome tweeter	6 1/2" (16.5cm) fiberglass midbass 1" (25mm) Aluminum rotating inverted dome tweeter	5" (13cm) fiberglass midbass 1" (25mm) Aluminum inverted dome tweeter
Frequency response (±3dB)	50Hz - 20kHz	60Hz - 20kHz	65Hz - 20kHz
Sensitivity (2.83V/1m)	91dB	89dB	88dB
Nominal impedance	8 Ohms	8 Ohms	8 Ohms
Amp. recommended power	10 - 140W	10 - 120W	10 - 100W
Tweeter adjustments	- 3dB / 0dB / +3dB	- 3dB / 0dB / +3dB	- 3dB / 0dB / +3dB
Dimensions (H x L x D)	Ø 11 1/8" x 4 1/8" (282 x 105mm)	Ø 9 9/16" x 3 3/16" (243 x 81mm)	Ø 7 7/8" x 3 7/16" (200 x 87mm)
Cut-out dimensions (H x L)	Ø 9 11/16" (246mm)	Ø 8 3/16" (208mm)	Ø 6 1/2" (165mm)
Depth from wall	4" (102mm)	3 1/16" (78mm)	3 5/16" (84mm)
Weight (unit)	5.5lb (2.5kg)	3.4lb (1.6kg)	2.3lb (1.1kg)
Packaging	per unit	per unit	per unit



Outdoor loudspeakers

Chorus OD 706 V



Bring the Focal sound to the outside is the vocation of the outdoor OD 706 V loudspeaker, waterproof and resistant to common weather conditions. Ideal for a sound system on a terrace and mid-range listening with very high musicality.

Custom OD 108



The big sound brought outdoors thanks to a 8" (21cm) fiberglass woofer. Designed for a long and mid-range use, maintaining enough sharpness for a nearfield listening, even at low level. Perfect for bringing the sound into your garden with substantial power stock.

*Also available in 100V / 70V version

Technical specifications		
	OD 706 V	OD 108
Speakers	6 ^{1/2} " (16.5cm) Polyglass midbass 1" (25mm) Al/Mg TNV inverted dome tweeter	8" (21cm) fiberglass midbass 1" (25mm) Aluminum inverted dome tweeter
Frequency response (±3dB)	60Hz - 28kHz	50Hz - 20kHz
Sensitivity (2.83V/1m)	90dB	91dB
Nominal impedance	8 Ohms	8 Ohms
Amp. recommended power	25 - 120W	10 - 200W
Dimensions	11 ^{15/16} x 8 ^{1/2} x 7 ^{9/16} " (304 x 216 x 192mm)	16 ^{5/16} x 11 ^{5/16} x 10 ^{9/16} " (414 x 287 x 258mm)
Weight (unit)	7lb (3.2kg)	12.8lb (5.8kg)
Packaging	per unit	per unit

Dealer stamp

