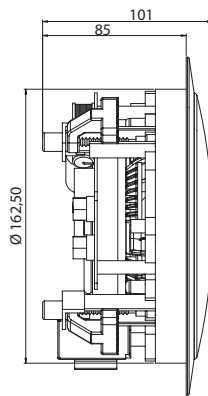
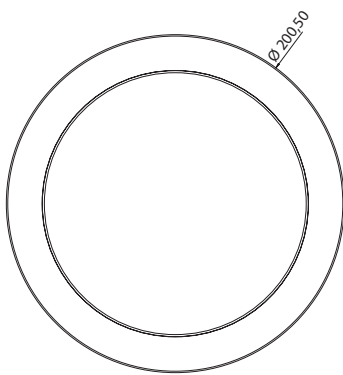
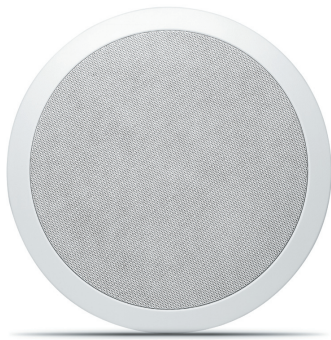


IC 105-T

100 V In-Ceiling Line



Key points

- 2-way In-Ceiling speaker.
- Excellent performance/size ratio.
- Speaker ready for painting (removable logo and protection kit supplied).
- Inverted dome tweeter: the best space dispersion in the market!
- Tweeter and woofer compatible with damp environment.
- Genuine audiophile 12-12 dB/octave crossover for outstanding sound quality.

Technical specifications

Max. power	100W
Nominal power (100V)	15W (15 - 8 - 4W)
Sensitivity at 1W/15W (at 1kHz, 1m)	88dB/100dB
Bandwidth (\pm 3dB)	65Hz - 20kHz
Opening angle (at 1kHz/4kHz, -6dB)	170°/95°
Nominal impedance	600/1100/2300 ohms (15/8/4W)
Passive crossover cut-off frequency	3 300Hz
Drivers	5 ¹ / ₈ " (130mm) glass fiber woofer 1" (25mm) aluminum inverted dome tweeter
Frame dimensions (diameter)	7 ⁷ / ₈ " (200mm)
Cut-out dimensions (diameter)	6 ¹ / ₂ " (165mm)
Cut-out depth	3 ¹ / ₃ " (85mm)
Weight	2.8 lb (1.3kg)
Color	White



The invisible great Focal sound.

The Focal Professional Commercial Integration range is the answer to two fundamental constraints:

- offering very high quality sound audio solutions
- promoting product integration to preserve architectural harmony.

Applications :

The Focal IC 105-T loudspeaker can be installed in numerous applications such as: conference rooms, shopping malls, lecture halls, restaurants, corridors, shops, swimming-pools, hotels, boats, museums, meeting rooms, ...

Packaging

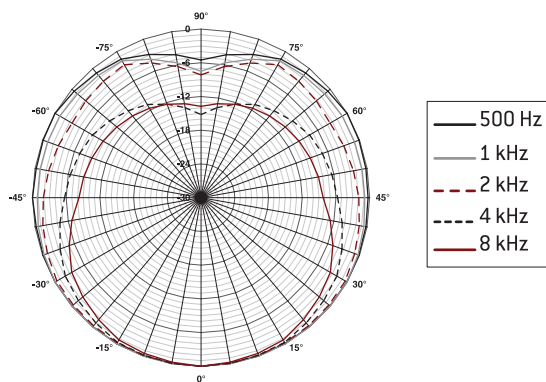
- 1 IC 105-T speaker with grille
- 1 cut-out template
- 1 protective mask
- 1 key to remove the grille
- 1 removable Focal logo

Environmental characteristics

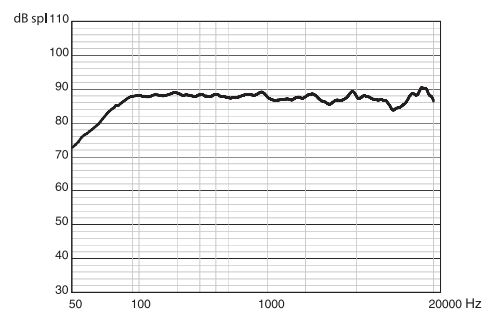
Ambient temperature	-25 °C to + 55 °C
Watertightness	Dampenvironment

Electrical diagram

Directivity



Frequency response



IC 105-T speaker level calculation table

Power/Distance	1 meter	2 meters	5 meters	Summary	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
1 watt	88dB	82dB	74dB	NPA [1W/1m][dB]	88	88	88	88	87	87	87
4 watts	94dB	88dB	80dB	NPA [15W/1m][dB]	100	100	100	100	99	99	99
8 watts	97dB	91dB	83dB	opening angle	180°	180°	180°	170°	170°	100°	75°
15 watts	100dB	94dB	86dB	at -6dB							

Values of average ambient level examples

110dB	Discotheque
90dB	Pub, stadium during a goal
80dB	Multipurpose room, station, stadium terraces
70dB	Supermarket, shop, swimming-pool, ice-rink
60dB	Conference room, office, museum, place of worship
50dB	Classroom
25dB	Quiet room

IC 105-T speaker coverage area

Speaker height / ground	2.5m	3m	4m	5m
1 speaker for	15m ²	30m ²	80m ²	140m ²