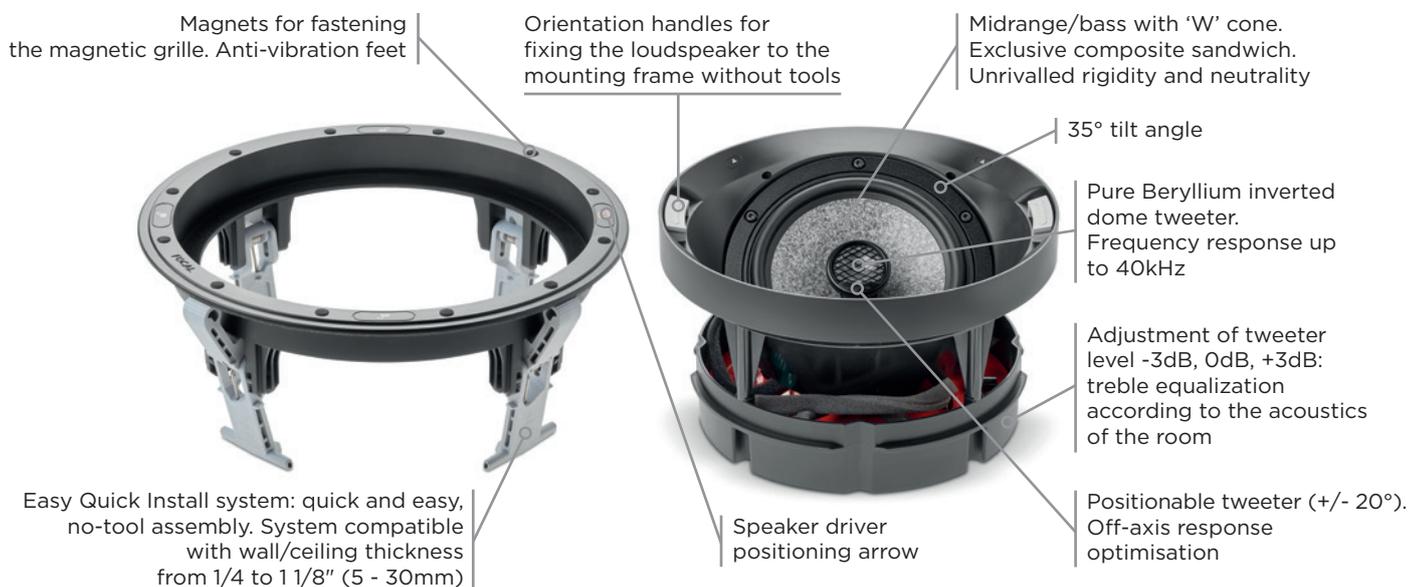


1000 ICA6

Product sheet

MADE IN
FRANCE



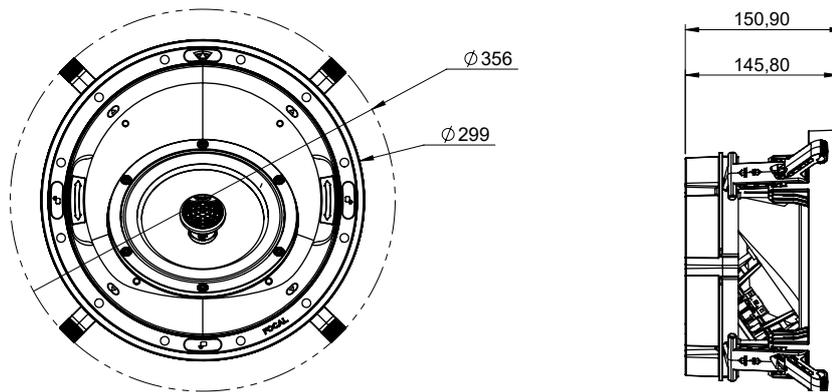
Key points

- In-ceiling coaxial 2-way loudspeaker
- Quick, easy, no-tool product assembly
- Speaker drivers developed and manufactured in France by Focal
- Delivered with square and circular grilles ready for painting
- Black and white felt ready to stick
- Off-axis response control (tweeter position and gain adjustment)
- Speaker driver angled at 35°

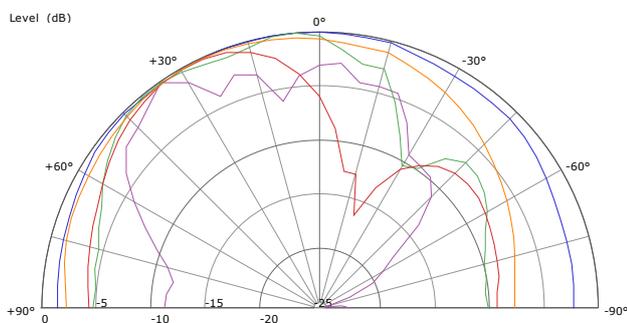
Technical specifications

| Type of speaker | 2-way coaxial in-ceiling |
|------------------------------------|---|
| Speaker drivers | 6 1/2" (16.5cm) 'W' Midrange/Bass 1" (25mm) Pure Beryllium inverted dome tweeter |
| Sensitivity (2.83V/3 feet - 1m) | 90.5dB |
| Bandwidth (+/-3dB) | 55Hz - 40kHz |
| Low-frequency cut-off (-6dB) | 45Hz |
| Nominal impedance | 8 Ω |
| Minimal impedance | 5.1 Ω |
| Recommended amp power | 25 - 150W |
| Size (Ø x depth) | 11 3/4" x 5" (299x127mm) |
| Mounting diameter (Ø) | 10 3/8" (264mm) |
| Mounting depth | 5 3/4" (146mm) |
| Net weight (with grille) | 6.61lbs (3kg) |
| Box size (length x depth x height) | 14 3/4" x 14 3/4" x 13 3/8" (375x375x340mm) |
| Total weight (with packaging) | 11.68lbs (5.3kg) |

Dimensions

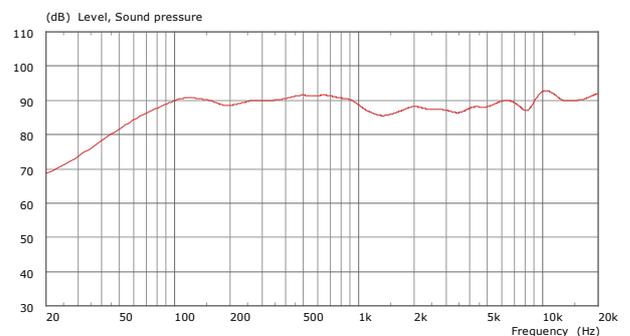


Directionality measurements



- Curve at: 500 Hz
- Curve at: 1 kHz
- Curve at: 2 kHz
- Curve at: 4 kHz
- Curve at: 8 kHz

Frequency response



1000 ICA6 Levels calculation table

| Power/Distance | 1m | 2m | 5m |
|----------------|--------|-------|------|
| 1W (2.83V) | 90.5dB | 85dB | 77db |
| 20W (12.6V) | 104dB | 98dB | 90db |
| 50W (20V) | 108dB | 102dB | 94db |
| 100W (28.3V) | 111dB | 105dB | 97db |

| Summary | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | 8kHz |
|------------------------|-------|-------|-------|------------|-----------|------------|-----------|
| NPA (2.83V/1m)(dB) | 91 | 90 | 92 | 89 | 88 | 88 | 88 |
| Aperture angle at -6dB | 180° | 180° | 180° | -60°/+180° | -0°/+180° | -20°/+180° | -20°/+60° |