



The CCS 461E is a refined ceiling speaker with a peak power of 9W, specifically designed for cleanroom environments. Its natural white coating ensures it seamlessly integrates with the stringent aesthetic and hygienic requirements of semiconductor fabrication facilities, wafer fabs, food processing plants, pharmaceutical manufacturing, and other industries demanding high standards of cleanliness and precision. The speaker offers excellent audio performance, delivering clear speech and high-quality music broadcasting. Its durable, easy-to-clean exterior meets the rigorous standards of cleanroom environments, making it an ideal choice for maintaining both functionality and compliance in critical areas.

- Tuned for clear, intelligible speech and paging announcements that stay crisp across busy public spaces.
- 100 V line taps: 6 W, 3 W.
- Discreet moulded ABS enclosure finished in white, set behind an aluminium grille, resists moisture and impact while sitting light and unobtrusive in the ceiling or on the wall.
- Compact $\text{Ø}140 \times 80$ mm body, dropping into a $\text{Ø}125$ mm cut-out, 0.795 kg, easy to mount and position.
- Ideal for offices, retail interiors, waiting rooms and quiet public spaces where announcements and soft music share one system.



CCS 461E

Technical Specification

	CCS 461E
Rated Input	6W - 3W
Rated Impedance	1.7k Ω , 3.3k Ω
Speaker Driver Impedance	8 Ω
Maximum Power	9W
Sensitivity (1m/1W)	88dB
Max SPL (1m/6W)	95dB
Effective Frequency Range	190Hz - 20kHz
Input Voltage	100V
Connector	Three-core cable
Operating Temperature	-25°C to +55°C
Storage Temperature	-40°C to +70°C
Relative Humidity	<=95%
Speaker Size	4"
Panel	ABS
Grille	White aluminum mesh
Product Color	White (RAL9016)
Dimensions	Dia. 140 x 80mm
Weight	0.795kg

Frequency Response

