

PRODUCT DATASHEET

CSL-857THS

60W Two-Way Coaxial Flush-Mount Ceiling Speaker

60W | 100V / 70V / 8Ω | Two-Way Coaxial | Magnetic Grille | Spring-Clip Mount

The CSL-857THS is a high-power 60W two-way coaxial flush-mount ceiling speaker combining a large-diameter woofer with a centre-mounted tweeter horn for full-range reproduction from a single ceiling cutout. With a built-in 100V/70V transformer, a premium magnetic-attachment fabric grille, and spring-clip tool-free installation, it delivers significantly higher output and better frequency extension than standard commercial ceiling speakers — ideal for demanding commercial interiors, ballrooms, and large-area indoor coverage.



60W RATED OUTPUT	2-Way COAXIAL	100V CONSTANT VOLTAGE	Mag GRILLE	110dB MAX SPL	≥92dB SENSITIVITY	245mm CUTOUT
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KEY FEATURES

- ✓ **60W High-Power Output** — 60W rated output delivers significantly higher SPL than standard 6–10W commercial ceiling speakers — fewer units required for large-area coverage
- ✓ **Two-Way Coaxial Design** — Large-diameter woofer with centre-mounted tweeter horn in a coaxial configuration provides full-range reproduction from bass to high frequencies in a single driver assembly
- ✓ **100V / 70V Transformer Built-in** — Selectable power taps connect directly to any constant-voltage PA speaker line without external transformers; 8Ω direct connection also available
- ✓ **Magnetic Grille Attachment** — Premium fabric grille attaches magnetically for tool-free removal and re-attachment — no visible clips or screws for a cleaner aesthetic
- ✓ **Spring-Clip Tool-Free Install** — Rear spring-clip mechanism secures from below into any standard ceiling cutout — no access above the ceiling required during installation
- ✓ **Wide-Dispersion Coverage** — Two-way coaxial driver with optimised waveguide delivers even horizontal coverage with controlled vertical dispersion for consistent SPL across large listening areas

INSTALLATION NOTES

- ▶ Ceiling cutout: Φ245mm; overall diameter Φ280mm; mounting depth 120mm — larger cutout than standard ceiling speakers
- ▶ Select power tap (60W / 30W / 15W) on rear transformer before installation
- ▶ Wire in parallel along 100V constant-voltage speaker line — observe polarity
- ▶ Total speaker load must not exceed amplifier rated output — at 60W/unit, leave 20% headroom
- ▶ Magnetic grille attaches from below after wiring — no tools needed; remove for driver access

TECHNICAL SPECIFICATIONS

MODEL	CSL-857THS	SYSTEM TYPE	Two-way coaxial
RATED OUTPUT POWER	60W	POWER TAPS	60W / 30W / 15W (100V line)
RATED IMPEDANCE	8Ω (direct)	WOOFER SIZE	8" (200mm)
TWEETER	Centre-mount horn tweeter	FREQUENCY RESPONSE	55Hz – 20KHz
SENSITIVITY	≥92dB (1W/1m)	COVERAGE ANGLE	110° × 90° (H × V)
MAX SPL	~110dB (60W, 1m)	INPUT VOLTAGE	100V / 70V constant voltage
TRANSFORMER	Built-in, 3-tap selector	HOUSING MATERIAL	Metal (black)
GRILLE TYPE	Fabric, magnetic attachment	GRILLE COLOUR	White
MOUNTING TYPE	Spring-clip, flush ceiling	CEILING THICKNESS	5 – 40mm
CUTOUT DIAMETER	Φ 245mm	OVERALL DIAMETER	Φ 280mm
MOUNTING DEPTH	120mm	WEIGHT	2.2 kg
CERTIFICATIONS	CE, 3C, ISO 9001	WARRANTY	24 Months

60W HIGH-POWER OUTPUT

60W output delivers 10× the power of a standard 6W ceiling speaker — achieving higher SPL from fewer units in large commercial spaces including ballrooms, atriums, and open-plan offices.

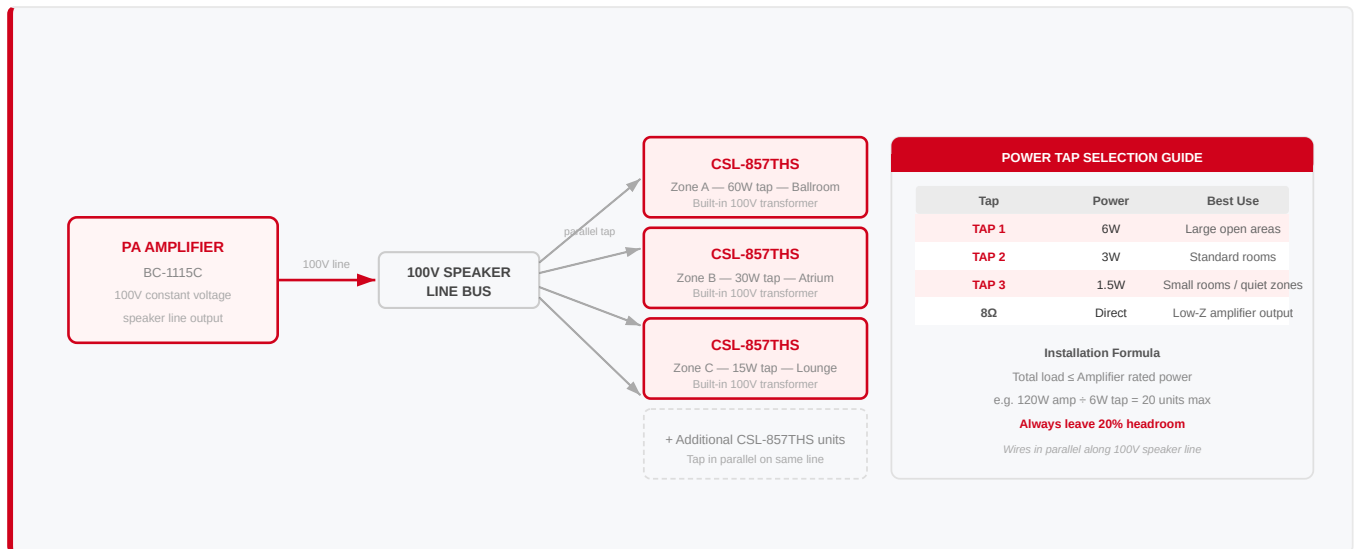
TWO-WAY COAXIAL DRIVER

Coaxial driver combines woofer and tweeter in a single assembly for coherent, time-aligned full-range sound from 55Hz to 20KHz — delivering hi-fi quality from a flush ceiling installation.

MAGNETIC GRILLE

Premium fabric grille with magnetic attachment removes and re-attaches tool-free — no visible screws or clips on the ceiling face for a premium architectural finish.

100V SPEAKER LINE ARCHITECTURE



TYPICAL APPLICATION SCENARIOS

Corporate
Offices & Lobbies

Education
Classrooms & Corridors

Healthcare
Wards & Waiting Areas

Retail
Stores & Supermarkets

Hospitality
Hotels & Restaurants

Government
Public Halls

Worship
Churches & Mosques

Industrial
Clean Offices & Canteens

WHY C-YARK

10+
YEARS IN PA

CE
CERTIFIED

ISO
9001 QUALITY

3C
COMPLIANT

<p>ORDERING INFO</p> <p>CSL-857THS — 60W Coaxial Ceiling Speaker Sold individually or in packs Includes: spring-clip hardware Colour: White (paintable grille)</p>	<p>COMPATIBLE AMPLIFIERS</p> <p>BC-1115C 120W Mixing Amplifier CY-BS130 120W IP Amplifier Any 100V / 70V PA amplifier Ensure load ≤ rated output – 20%</p>	<p>NOTES</p> <p>Specifications subject to change without prior notice. Product images for reference only. © C-YARK · Guangzhou Quanzhiyun Electronic Technology Co., Ltd. DS-CSL-857THS-EN-052026</p>
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