

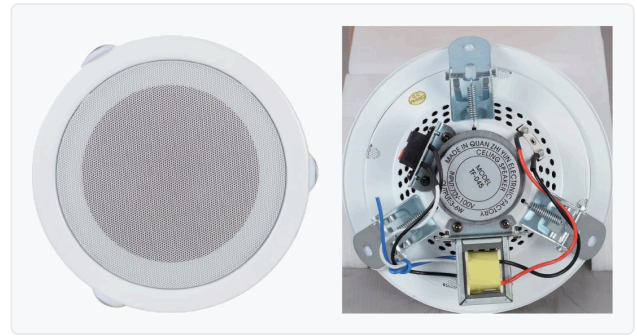
PRODUCT DATASHEET

TF-068

Flush-Mount 100V Ceiling Speaker

6W / 3W / 1.5W | 100V / 70V / 8Ω | Compound Paper Cone | IP4X Dustproof

The TF-068 is a flush-mount ceiling speaker featuring a compound paper cone driver for warm, natural sound reproduction in professional PA and background music applications. With a built-in 100V/70V transformer offering three selectable power taps (6W, 3W, 1.5W) and an 8Ω direct connection option, it suits any constant-voltage speaker line. The IP4X dustproof rating, spring-clip installation, and extended frequency response make it ideal for hospitality, education, and corporate environments.



6W MAX POWER	3 POWER TAPS	100V CONSTANT VOLTAGE	IP4X DUSTPROOF	130° COVERAGE	≥88dB SENSITIVITY	150mm CUTOUT
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KEY FEATURES

- ✓ **100V / 70V Transformer Built-in** — Three selectable power taps (6W, 3W, 1.5W) for precise volume zoning across 100V/70V PA systems — no external transformers required
- ✓ **8Ω Low-Impedance Option** — Direct 8Ω connection bypasses the transformer for use with standard hi-fi or low-impedance amplifier outputs
- ✓ **IP4X Dustproof Rating** — Protected against dust ingress in all directions — suitable for commercial environments including offices, corridors, and food-service areas
- ✓ **Spring-Clip Tool-Free Install** — Rear spring-clip mechanism locks into any standard ceiling cutout from below — no access above the ceiling required
- ✓ **Compound Paper Cone Driver** — 5-inch compound paper cone delivers warm, natural sound with extended frequency response — preferred for music reproduction in hospitality and retail
- ✓ **Paintable White Grille** — Removable white metal grille can be painted to match any ceiling finish for discreet, aesthetically clean installations

INSTALLATION NOTES

- ▶ Ceiling cutout: Φ150mm; overall diameter Φ200mm; mounting depth 70mm
- ▶ Select power tap (6W / 3W / 1.5W) on rear transformer before installation
- ▶ Wire in parallel along 100V constant-voltage speaker line — polarity must be observed
- ▶ Total speaker load must not exceed amplifier rated output — leave 20% headroom
- ▶ Grille is removable and paintable — paint before installation for cleanest finish

TECHNICAL SPECIFICATIONS

MODEL	TF-068	DRIVER SIZE	5" (130mm) compound paper cone
POWER TAPS	6W / 3W / 1.5W (100V line)	RATED IMPEDANCE	8Ω (direct)
FREQUENCY RESPONSE	80Hz – 18KHz	SENSITIVITY	≥88dB (1W/1m)
COVERAGE ANGLE	130° conical	MAX SPL	~103dB (6W, 1m)
INPUT VOLTAGE	100V / 70V constant voltage	TRANSFORMER	Built-in, 3-tap selector
DUSTPROOF RATING	IP4X	HOUSING MATERIAL	ABS plastic
GRILLE MATERIAL	Metal mesh (white)	GRILLE FINISH	Paintable white powder coat
MOUNTING TYPE	Spring-clip, flush ceiling	CEILING THICKNESS	5 – 35mm
CUTOUT DIAMETER	Φ 150mm	OVERALL DIAMETER	Φ 200mm
MOUNTING DEPTH	70mm	WEIGHT	0.58 kg
CERTIFICATIONS	CE, 3C, ISO 9001	WARRANTY	24 Months

3-TAP POWER FLEXIBILITY

Switch between 6W, 3W, and 1.5W on the rear transformer to optimise volume for each zone. Mix taps across a single 100V speaker line without rewiring.

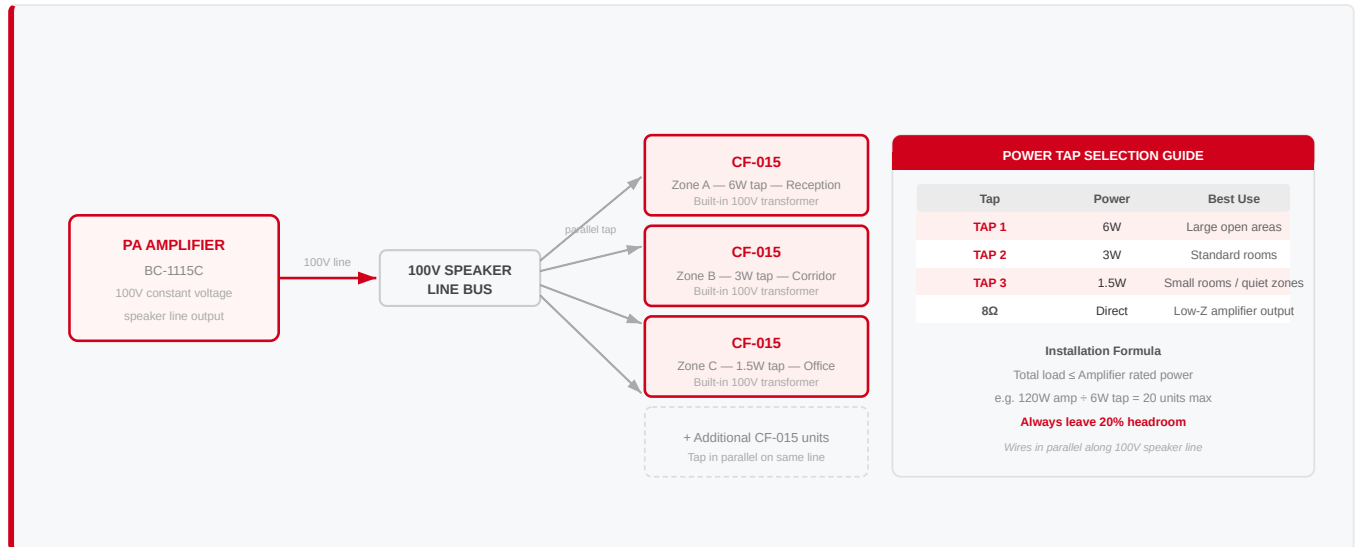
TOOL-FREE INSTALLATION

Spring-clip mechanism secures the unit from below in any 150mm ceiling cutout. No access above the ceiling required — fast deployment across multiple zones.

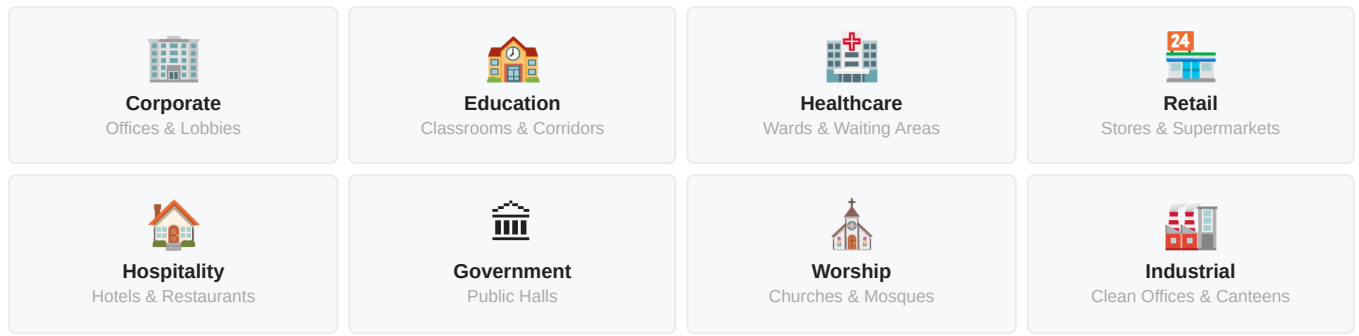
COMPOUND CONE WARMTH

Compound paper cone construction delivers warmer, more natural sound than standard polypropylene cones — ideal for music-forward environments like hotels and cafes.

100V SPEAKER LINE ARCHITECTURE



TYPICAL APPLICATION SCENARIOS



WHY C-YARK



ORDERING INFO TF-068 — 100V Ceiling Speaker Sold individually or in packs Includes: spring-clip hardware Colour: White (paintable grille)	COMPATIBLE AMPLIFIERS BC-1115C 120W Mixing Amplifier CY-BS130 120W IP Amplifier Any 100V / 70V PA amplifier Ensure load ≤ rated output – 20%	NOTES Specifications subject to change without prior notice. Product images for reference only. © C-YARK · Guangzhou Quanzhiyun Electronic Technology Co., Ltd. DS-TF-068-EN-052026
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