

PRODUCT DATASHEET

CF-028

10W Surface-Mount Ceiling Speaker

10W | 100V / 70V / 8Ω | Surface-Mount | ABS Housing | No Ceiling Cutout Required

The CF-028 is a 10W surface-mounted ceiling speaker with a distinctive oval ABS housing designed for commercial PA and background music where ceiling cutouts are impractical or undesired. Built-in 100V/70V transformer with selectable power taps connects directly to any constant-voltage PA speaker line. Its surface-mount screw-fix design is ideal for retrofitting into rooms with solid concrete ceilings, corridors, stairwells, and locations where standard flush-mount installation is not feasible.



10W RATED OUTPUT	100V CONSTANT VOLTAGE	Surf SURFACE-MOUNT	No CUTOUT NEEDED	120° COVERAGE	≥88dB SENSITIVITY	ABS HOUSING
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KEY FEATURES

- ✓ **Surface-Mount Design** — Mounts directly to any flat ceiling or wall surface with standard screws — no ceiling cutout required, making it ideal for concrete, plaster, and solid ceilings
- ✓ **100V / 70V Transformer Built-in** — Selectable power taps connect directly to any constant-voltage PA speaker line — no external transformer required; 8Ω direct connection also available
- ✓ **10W Output Power** — 10W output provides sufficient volume for standard commercial rooms and corridors from a single unit on the 100V line
- ✓ **Wide-Frequency ABS Speaker** — Full-range driver in durable ABS oval housing delivers clear voice announcements and background music with wide frequency coverage
- ✓ **Retrofit-Friendly Installation** — Designed for easy retrofitting into existing buildings — simply route cable through rear and secure to ceiling with two screws; no specialist tools needed
- ✓ **Compact Oval Profile** — Low-profile oval ABS housing sits flush to the ceiling surface with minimal visual intrusion — suitable for low-height corridors and stairwells

INSTALLATION NOTES

- ▶ No ceiling cutout required — mount directly to flat ceiling or wall surface using 2 screws
- ▶ Route cable through rear cable entry hole; select power tap before securing to ceiling
- ▶ Wire in parallel along 100V constant-voltage speaker line — polarity must be observed
- ▶ Ideal for concrete, solid plaster, or timber ceilings where cutting a hole is not possible
- ▶ Total speaker load must not exceed amplifier rated output — leave 20% headroom

TECHNICAL SPECIFICATIONS

MODEL	CF-028	RATED OUTPUT POWER	10W
POWER TAPS	10W / 5W (100V line)	RATED IMPEDANCE	8Ω (direct)
FREQUENCY RESPONSE	80Hz – 18KHz	SENSITIVITY	≥88dB (1W/1m)
COVERAGE ANGLE	120° conical	MAX SPL	~98dB (10W, 1m)
INPUT VOLTAGE	100V / 70V constant voltage	TRANSFORMER	Built-in, tap selector
HOUSING MATERIAL	ABS plastic	HOUSING SHAPE	Oval surface-mount
GRILLE TYPE	Perforated ABS grille	COLOUR	White
MOUNTING TYPE	Surface-mount, screw-fix	CEILING CUTOUT REQUIRED	None
HOUSING DIMENSIONS	Approx. 210 × 155 × 65 mm	MOUNTING HOLES	2× screw fixing
WEIGHT	0.45 kg		
CERTIFICATIONS	CE, 3C, ISO 9001	WARRANTY	24 Months

NO CUTOUT REQUIRED

Surface-mount design installs directly onto any flat surface — concrete, plaster, tile, or timber — with just two screws. Ideal for retrofit projects where cutting ceilings is costly or impractical.

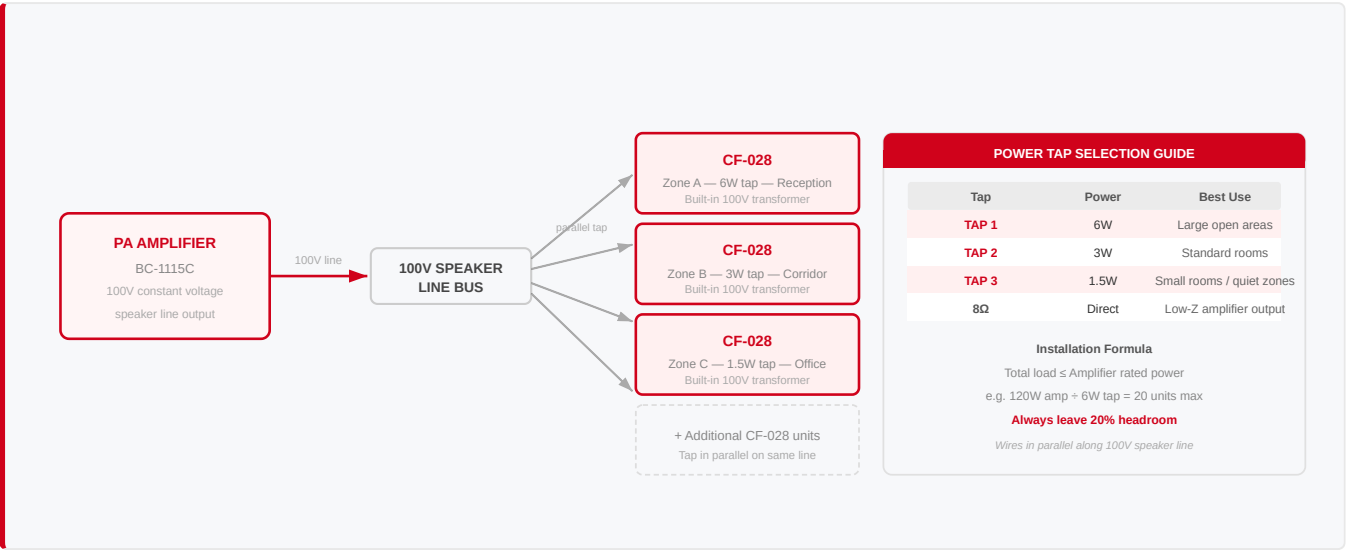
QUICK SURFACE FIX

Two-screw surface fixing takes under 5 minutes per unit. No drilling large holes, no spring-clips, no ceiling access needed — fastest PA speaker deployment method available.

RETROFIT-FRIENDLY

Perfect for retrofitting PA into existing buildings — no specialist ceiling work, no structural modification. Connects to any 100V/70V PA line already in place.

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

ORDERING INFO

CF-028 — 10W Surface-Mount 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.

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