

Install

CVS 4 MICRO

4" Coaxial In-Ceiling Loudspeaker with Shallow Back Can for Installation Applications

- Coaxial full range low profile ceiling loudspeaker for installation applications
- 40 Watts continuous, 160 Watts peak power
- Shallow back can for limited cavity space
- 4" mineral loaded polypropylene driver with nitrile rubber surround for enhanced durability and long-term reliability
- 0.75" ferrofluid cooled soft dome neodymium high frequency driver
- Wide constant directivity dispersion for optimum coverage
- UL 1480 certified for fire-protected signalling systems
- UL 2043 certified for air-handling spaces
- UV and weather resistant UL 94 V-0 ABS front with plated steel fire can enclosure
- Multiple transformer taps for 70 V and 100 V line systems or 6 Ohm direct input
- Low insertion loss 15 W line transformer with easily accessible tapping switch
- Semi matt white finish fits unobtrusively in any environment
- Powder coated perforated steel mesh grille with dust protection
- Mounting C-ring and ceiling tile rails included

The CVS 4 MICRO is a compact 160-Watt shallow back can ceiling loudspeaker engineered to provide superb audio performance in both background and foreground music sound systems. Ideally suited for a wide variety of applications, from restaurants and hotels to houses of worship and businesses of all types, the CVS 4 MICRO offers the power handling, wide frequency response and low distortion more typically found in a studio reference monitor than a ceiling loudspeaker. The resulting sound is warm, with a nuanced and pristine clarity that envelopes the listener – without intruding.



Exceptional Sound and Reliability

The design comprises a 100 mm (4.00") mid bass driver with a coaxially mounted 19 mm (0.75") high frequency section mounted in a vented, injection moulded, paintable front baffle manufactured from UV/weather resistant UL94V-0 ABS material. The mineral loaded polypropylene cone material and nitrile rubber surround enhance durability and long-term reliability. Thanks to the shallow back can depth of less than 4" (98.3 mm), CVS 4 MICRO is perfect for applications where above-ceiling space is limited, but exceptional sonic quality and reliability are a requirement.

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- Phoenix* connector with steel cover and strain relief clamping mechanism for fire rated cable
- 10-Year Warranty Program*
- Designed and engineered in the U.K.

Comprehensive Installation Package

Supplied with an integral zinc-plated steel shallow back can, with recessed termination box, the CVS 4 MICRO satisfies the vast majority of installation application requirements. The removable locking connector has screw terminals for secure wire termination and "loop through" facility. Strain relief is provided by a clamping mechanism for use with plenum rated cable or conduit. Security toggle clamps make for quick and easy installation, while two tile support rails and one C-ring are also included in the package. A plaster (mud) ring is available as an optional accessory.



You Are Covered

We always strive to provide the best possible Customer Experience. Our products are made in our own [MUSIC Tribe](#) factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous [Warranty program](#).



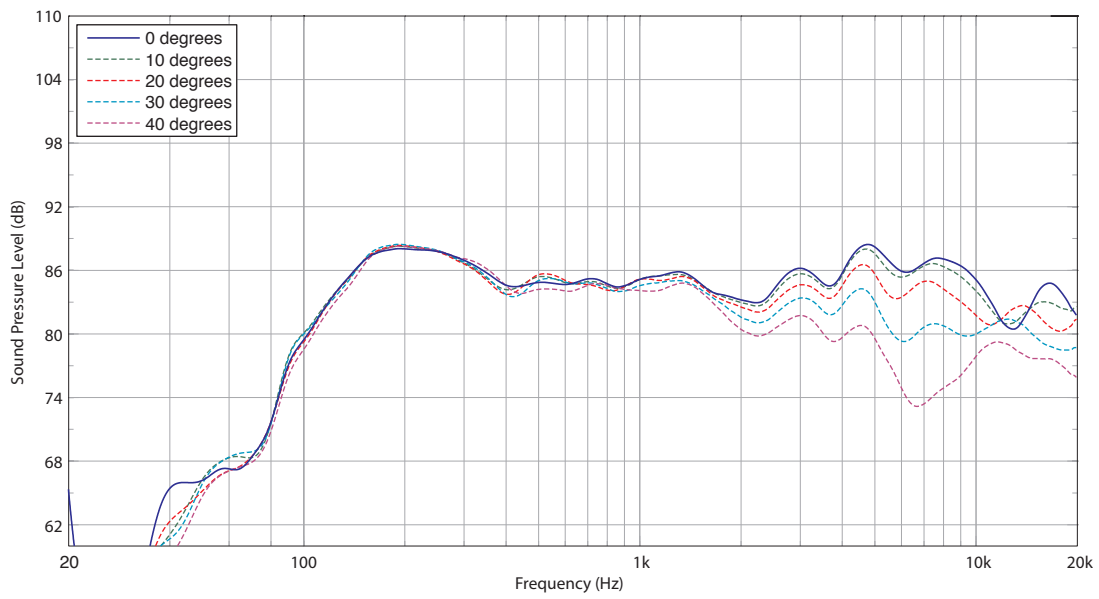
*All third-party trademarks are the property of their respective owners. Their use neither constitutes a claim of the trademark nor affiliation of the trademark owners with MUSIC Group. Product names are mentioned solely as a reference for compatibility, effects and/or components. Warranty details can be found at music-group.com.

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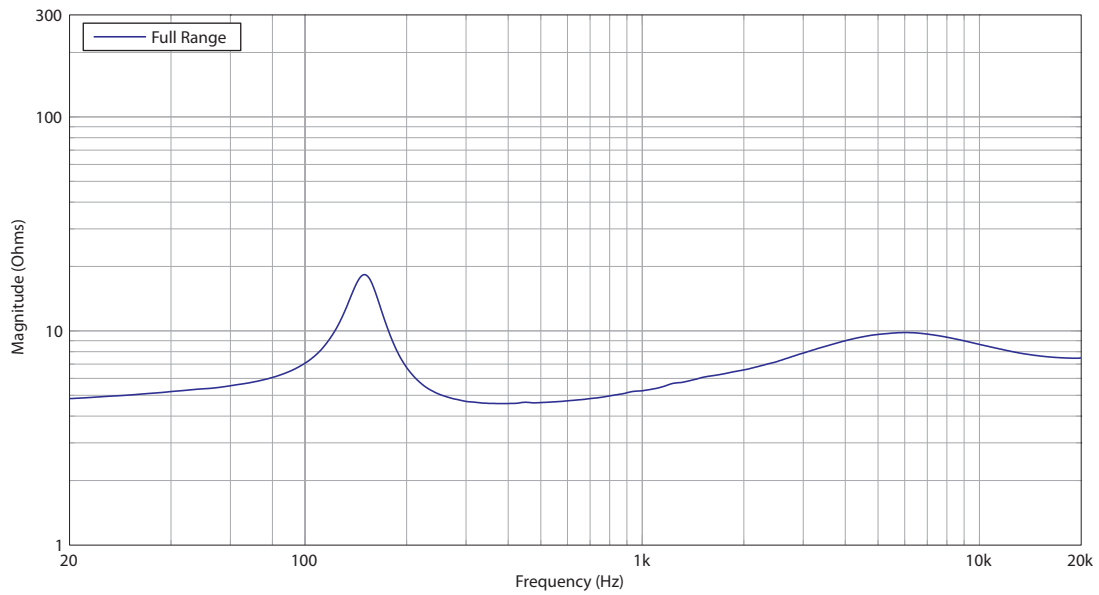
CVS 4 MICRO

4" Coaxial In-Ceiling Loudspeaker with
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Frequency Response Sensitivity 1 W / 1 m



Impedance

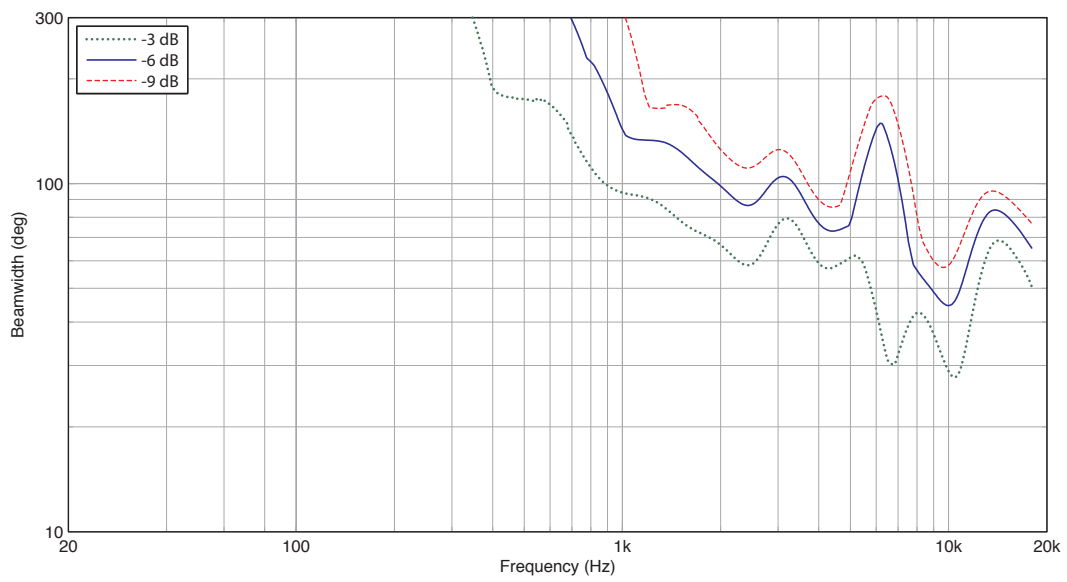


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CVS 4 MICRO

4" Coaxial In-Ceiling Loudspeaker with Shallow Back Can for Installation Applications

Horizontal Beamwidth

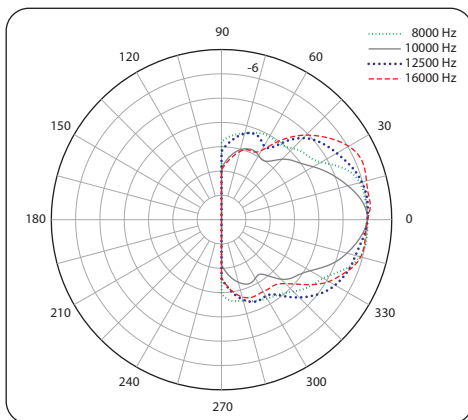
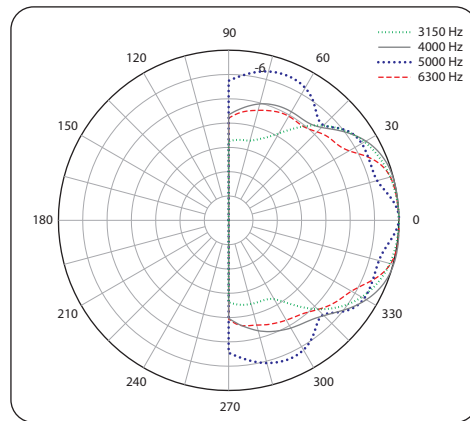
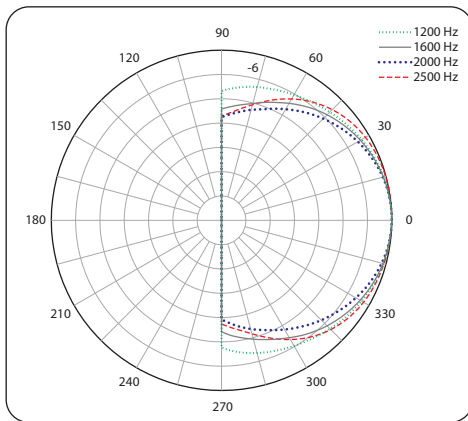
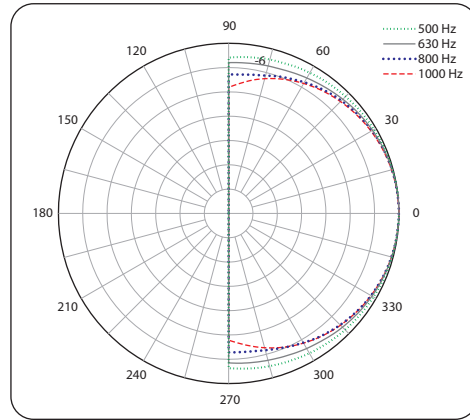
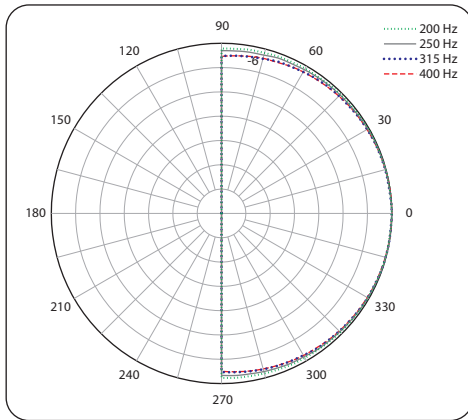


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CVS 4 MICRO

4" Coaxial In-Ceiling Loudspeaker with
Shallow Back Can for Installation Applications

Polar Plots

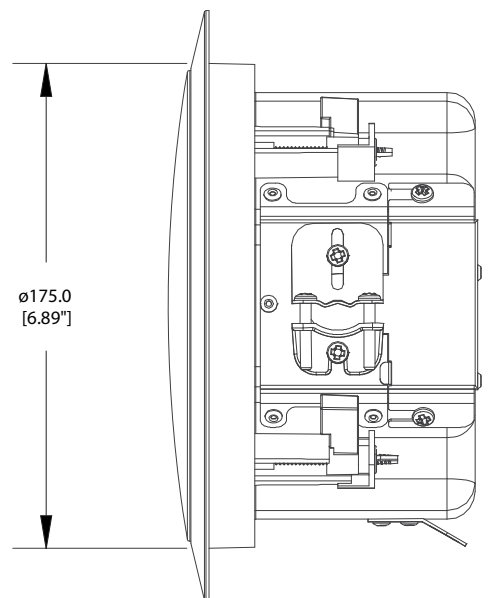
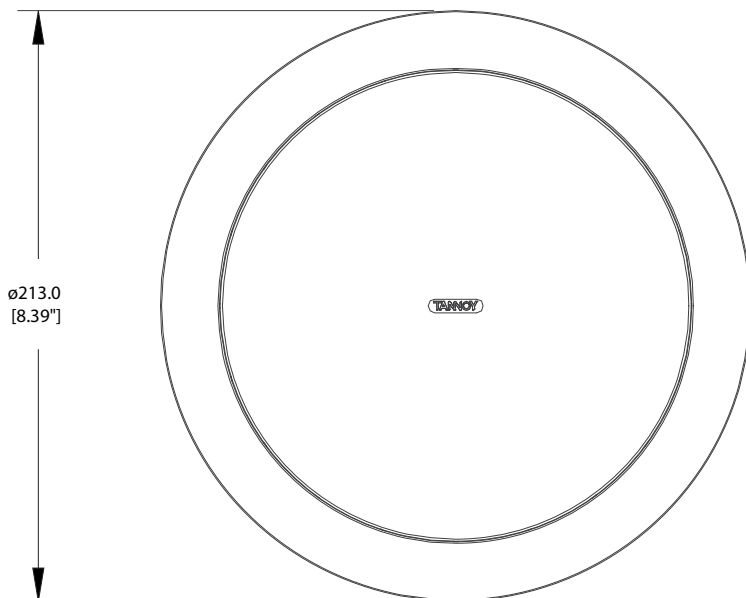
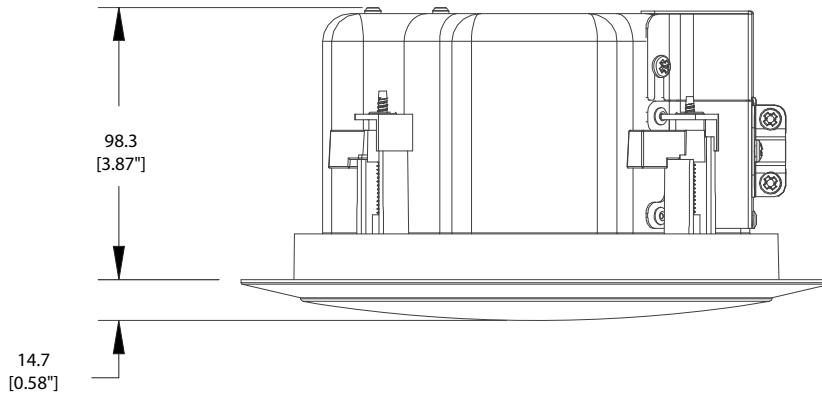


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CVS 4 MICRO

4" Coaxial In-Ceiling Loudspeaker with
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Dimensions



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CVS 4 MICRO

4" Coaxial In-Ceiling Loudspeaker with
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Technical Specifications

System

| | |
|---|--|
| Frequency response (-3 dB) ¹ | 110Hz - 19kHz |
| Frequency response (-10 dB) ¹ | 90Hz - 22kHz |
| System Sensitivity (1 W @ 1 m) ² | 87 dB (1 W = 2.45 V for 6 Ohms) |
| Nominal Coverage Angle | 90 degrees conical |
| Coverage Angle (1 kHz to 6 kHz) | 102 degrees |
| Directivity Factor (Q) | 5.6 averaged 1 kHz to 6 kHz |
| Directivity Index (DI) | 7.1 averaged 1 kHz to 6 kHz |
| Rated Maximum SPL | 103 dB (average) 109 dB (peak) |
| Power Handling ³ | |
| Average | 40 W |
| Programme | 80 W |
| Peak | 160 W |
| Recommended Amplifier Power | 80 W @ 6 Ohms |
| Nominal Impedance | 6 Ohms |
| Transformer Taps (via front rotary switch) | |
| 70 V | 15 W / 7.5 W / 3.75 W / 1.9 W / OFF & low impedance operation |
| 100 V | 15 W / 7.5 W / 3.75 W / OFF & low impedance operation |

Transducers

| | |
|----------------|--|
| Low Frequency | 100 mm (4.00") mineral loaded cone material |
| High Frequency | 19 mm (0.75") |

Physical

| | |
|-----------------|--|
| Enclosure | |
| Back can | Zinc plated steel Painted steel |
| Baffle | Reflex loaded UL 94V-0 rated ABS |
| Grille | Steel, with weather resistant coating |
| Safety Features | Safety ring located at rear of enclosure for load bearing safety bond |
| Clamping Design | Security toggle clamp |

Back Can Options

| | |
|--|--|
| Cable Entry Options | Cable clamp & squeeze connector for conduit up to 22 mm |
| Connectors | Removable locking connector with screw terminals with loop through facility |
| Safety Agency Ratings | UL-1480, UL-2043, CE |
| Hole Cutout Diameter | 180 mm (7.08") |
| Dimensions Bezel diameter | 213.0 mm (8.39") |
| Front of ceiling to rear of back can | 98.3mm (3.87") |
| Front of ceiling to top of safety loop | 214.9 mm (8.46") |
| Net Weight (ea) | 2.8 kg (6.2 lbs) |
| Included Accessories | C Ring, tile bridge, paint mask, cutout template, grille |
| Optional Accessories | Plaster (mud) ring |

Notes

(1) Average over stated Bandwidth. Measured in an IEC baffle in an Anechoic Chamber

(2) Unweighted Pink noise input, measured at 1 m on axis

(3) Long term power handling capacity as defined in EIA - 426B test

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CVS 4 MICRO


4" Coaxial In-Ceiling Loudspeaker with
Shallow Back Can for Installation Applications

SUSPENDING THIS SYSTEM SHOULD ONLY BE DONE BY QUALIFIED PERSONS FOLLOWING SAFE INSTALLATION STANDARDS



Type:G
US 3PHS


MADE IN CHINA



SPEAKER: CVS 4 MICRO

| INPUT | POWER | WIRING | PASSIVE |
|-----------|----------------------|---------|---------|
| 70V LINE | 1.9, 3.75, 7.5, 15 W | 1+ / 2- | INPUT |
| 100V LINE | 3.75, 7.5, 15 W | 3- / 4+ | LINK |
| 6Ω | 80 W PROGRAM | N/A | N/A |

REFER TO INSTALLATION WIRING DIAGRAM IN QUICK START GUIDE



DESIGNED AND ENGINEERED IN THE U.K.



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