

Install

CMS 801 SUB BM

8" Compact Ceiling Mounted Subwoofer for Installation Applications (Blind Mount)

- Compact ceiling subwoofer for installation applications
- 100 Watts continuous, 400 Watts peak power
- 8" long excursion driver for greater low frequency response
- Blind mount version supplied with acoustically enhanced zinc plated steel back can
- Integrated single unit construction for ease of installation
- Multiple transformer taps for 70 V and 100 V line systems or 6 Ohm direct input
- UL 1480 certified for general signalling systems
- UL 2043 certified for air-handling spaces
- Low insertion loss 60 W line transformer with easily accessible tapping switch
- Semi matt white finish fits unobtrusively in any environment
- Powder coated UV resistant perforated steel mesh grille with dust protection
- Removable grille for custom painting
- Self-aligning 5 way clamp mounting system
- Mounting C-ring and ceiling tile rails included
- 10-Year Warranty Program*
- Designed and engineered in the U.K.

The CMS 801 SUB BM is a compact 400-Watt subwoofer that complements the entire range of CMS ceiling monitor systems. Thanks to a powerful 8" long excursion LF driver, the UL certified CMS 801 SUB BM delivers dynamic low frequency extension and premium grade audio for music and speech reinforcement applications.



Stunning Performance

Specifically designed with a self-aligning 5 way clamp system for fast, simple and cost effective installation, CMS 801 SUB BM features an acoustically enhanced zinc plated steel back can with removable locking screw terminal connector and loop-thru functionality. A low-insertion loss 60 W transformer with convenient front panel tap switching, paintable powder coated steel mesh grille with dust protection, two tile support rails and one C-ring are all included. A plaster (mud) ring is available separately.

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LAB GRUPPEN Ready

The CMS 801 SUB BM is finished in semi matt white and optimised for use with LAB GRUPPEN amplifiers.



You Are Covered

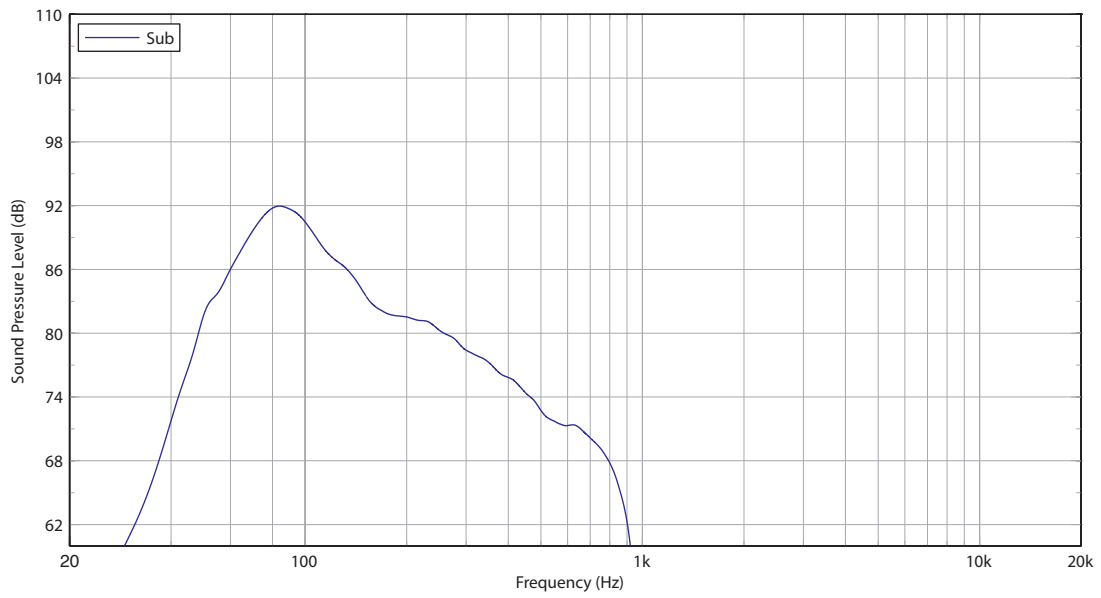
We always strive to provide the best possible Customer Experience. Our products are made in our own MUSICTribe factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one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

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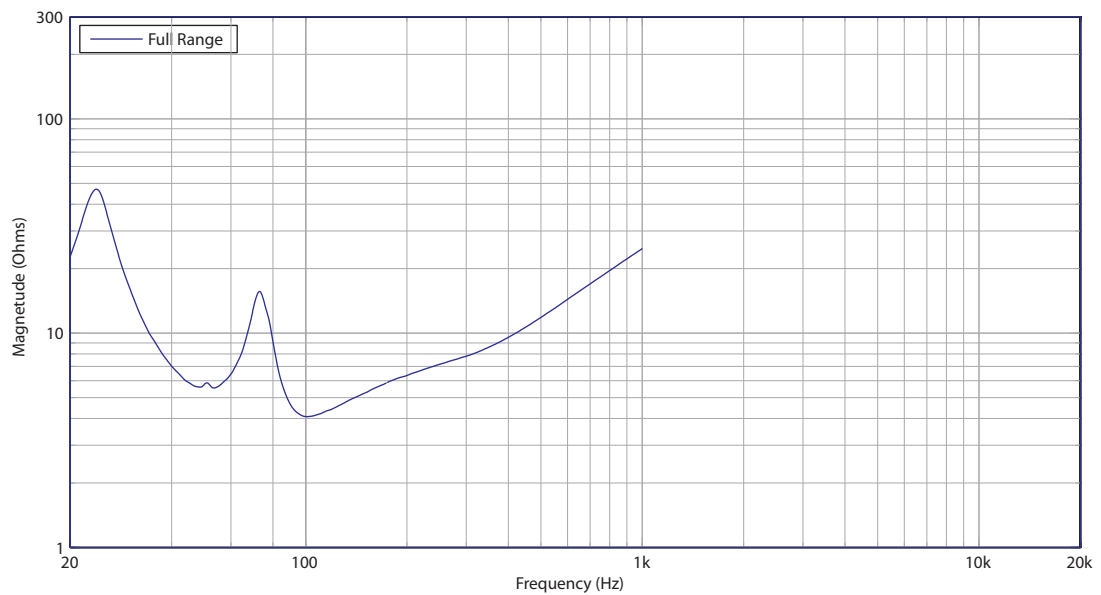
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Frequency Response Sensitivity 1 W / 1 m



Impedance

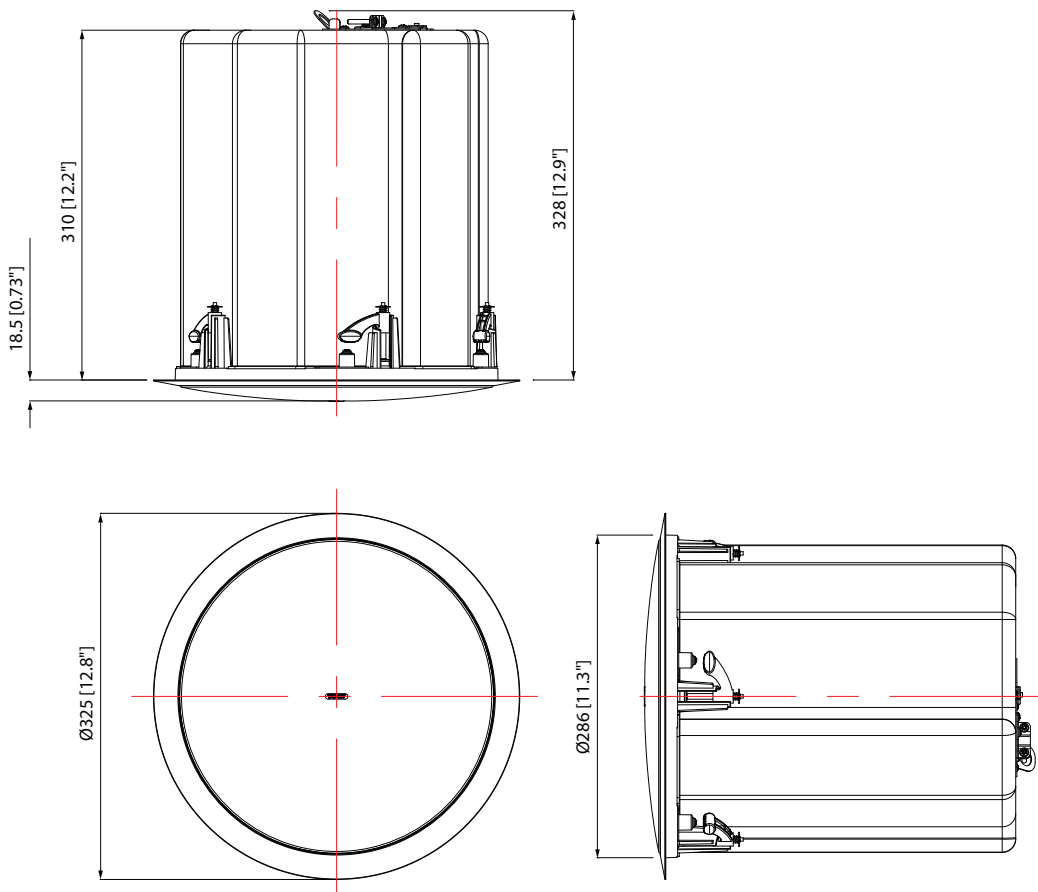


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Dimensions



TEMPLATE HOLE CUTOUT SIZE - $\text{Ø}295\text{mm}$ [11.61"]

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Technical Specifications

System

Frequency response (-3 dB) ⁽¹⁾	58 Hz - 160 Hz
Frequency range (-10 dB) ⁽¹⁾	42 Hz - 300 Hz
System sensitivity (1 W @ 1 m) ⁽²⁾	92 dB (1 W = 2.45 V for 8 Ohms)
Rated maximum SPL ⁽²⁾ With THP60	112 dB (average) 118 dB (peak) 110 dB (average)
Power handling (3)	
Average	100 W
Programme	200 W
Peak	400 W
Recommended amplifier power	200 W @ 8 Ohms
Nominal impedance	8 Ohms
Transformer taps (via front rotary switch)	
70 V	60 W/30 W/15 W/7.5 W/OFF & Low impedance operation
100 V	80 W/30 W/15 W/OFF & Low impedance operation
Crossover	Integral 2nd order passive, 160 Hz

Transducers

Low frequency	1x 200 mm (8.00") long throw woofer with multi fibre paper pulp cone
High frequency	
Enclosure	
Back can	Zinc plated 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 bondClamping
Design	Security toggle clamp

Transducers

Backcan Options	
Blind Mount (BM)	Complete with fixed back can
Cable Entry Options	Cable clamp & squeeze connector for conduit up to 22mm
Conduit Knockouts	3 Sets of horizontal positions 19 / 22 / 28 mm (0.75 / 0.87 / 1.1")
Connectors	Removable locking connector with screw terminals with "loop through" facility
Safety agency ratings (pending)	UL-1480, UL-2043, CE
BM hole cutout diameter	295 mm (11.61")

Dimensions

Bezel diameter	325 mm (12.80")
Front of ceiling to rear of back can (BM)	310.5 mm (12.22")
Front of ceiling to top of safety loop (BM)	327.8 mm (12.90")
Net Weight (ea)	
CMS 801 BM	8.4 kg (18.48 lbs)
Included Accessories	C Ring, tile bridge, paint mask, cutout template, grille
Optional Accessories	Plaster (Mud) Ring

(CMS 801 sub) Notes

- (1) Average over stated bandwidth. Measured in an IEC baffle in an Anechoic Chamber
 (2) Unweighted pink noise input, measured in an IEC baffle in an Anechoic Chamber. If the loudspeaker is placed in the ceiling near a corner (T/2) an increase of 6 dB in sensitivity and maximum SPL can be realised.
 (3) Long term power handling capacity as defined in EIA - 426B test A full range of measurements, performance data, and Ease™ Data can be downloaded from tannoy.com

TANNOY operates a policy of continuous research and development. The introduction of new materials or manufacturing methods will always equal or exceed the published specifications, which TANNOY reserves the right to alter without prior notice. Please verify the latest specifications when dealing with critical applications.

Ordering Information

Model name	Baffle / Grille Colour	Packed Quantity	Packed weight kg (lbs)
CMS 801 SUB BM	WHITE	2	20.2 (44.44)

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MADE IN CHINA

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

UL LISTED Type:G US 3PHS

CE

SPEAKER: CMS 801 SUB BM

WIRING	PASSIVE
1+ / 2-	INPUT
3- / 4+	LINK
INPUT	POWER
70 V LINE	7.5, 15, 30, 60 W
100 V LINE	15, 30, 60 W
8Ω	200 W PROGRAM

REFER TO INSTALLATION WIRING DIAGRAM IN QUICK START GUIDE

TANNOY

DESIGNED AND ENGINEERED IN THE U.K.



For service, support or more information contact the TANNNOY location nearest you:

Europe
MUSIC Tribe Brands UK Ltd.
 Tel: +44156 273 2290
 Email: CARECrea@music-group.com
 CAREEnte@music-group.com
 CARELife@music-group.com

USA/Canada
MUSIC Tribe Commercial NV Inc.
 Tel: +1 702 800 8290
 Email: CARECrea@music-group.com
 CAREEnte@music-group.com
 CARELife@music-group.com

Japan
MUSIC Tribe Services JP K.K.
 Tel: +81 3 6231 0453
 Email: CARECrea@music-group.com
 CAREEnte@music-group.com
 CARELife@music-group.com

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