

DECO series



DECO-65-T

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 08/10/2024



KEY FEATURES

- 2-way 6.5" Coaxial High-Performance Ceiling System.
- Multi-tap transformer 8 ohm & 70V/100V.
- Quick Install: Auto-locking tabs for secure, hands-free mounting.
- Easy Access: Front selector for hassle-free power adjustments.
- PK-65T accessory for versatile pendant mounting, available in white or black
- Frameless grille design, available in black.

DESCRIPTION

The DECO-65-T is an advanced ceiling speaker system designed for top-tier audio performance and seamless aesthetic integration. Featuring a sturdy steel enclosure and a durable polypropylene front, it provides 120° conical coverage. Engineered for adaptability, it is equipped with a 4-way Phoenix connector for easy in and out link connections. The DECO-65-T operates at 8-ohm nominal impedance or in a 100V line system, with tap settings of 15W, 30W, and 60W accessible at the front. With an RMS power handling of 60W and a peak power of 240W, and a maximum peak SPL of 118 dB, it delivers robust and clear sound.

Its compact design, with a cut-out diameter of 245 mm (9.6 in), allows straightforward installation in various ceiling environments. Measuring 280 x 280 x 220 mm and weighing 4.3 kg (9.5 lb), it strikes a balance between size, power, and aesthetic discretion. The PK-65T accessory transforms it into a pendant speaker for greater placement flexibility and sound direction, especially beneficial in open architecture spaces or areas where traditional ceiling mounting is not optimal. Available in black and white finishes, the DECO series seamlessly matches any interior design.

For optimal performance, pair the DECO-65-T with the INTEGRAL-A402 or INTEGRAL-1004 amplifiers. Using the Integral Matrix and processors, fully compatible with ALMA™, enhances the speakers' capabilities through custom presets and comprehensive monitoring and control, ensuring effortless system management and maximum audio quality.

The modeling data for DECO-40-T / DECO-40-LP / DECO-65-T / DECO-80-T / DECO-80-TS are valid for EASE Focus, EASE Evac, and EASE Address.

DECO-65-T

SPECIFICATIONS

Performance

Frequency Range (-10 dB)	60 Hz – 20 kHz
Nominal Impedance	8 ohms
Conical Coverage	120°
Transformer Taps 70 V	8 Ω / 7.5 W / 15 W / 30 W
Transformer Taps 100 V	8 Ω / 15 W / 30 W / 60 W
RMS Power Handling	60 W
Peak Power Handling	240 W
On-axis Sensitivity 1W/1 m	92 dB SPL
Maximum Peak SPL at 1 m	118 dB
Recommended Amplifier	INTEGRAL-A402 INTEGRAL-A404 INTEGRAL-A1002 INTEGRAL-A1004 INTEGRAL-A1602 INTEGRAL-A1604 INTEGRAL-MA1004 INTEGRAL-MA1604
Recommended Processor	INTEGRAL-M88 INTEGRAL-MA1604 INTEGRAL-MA1004 INTEGRAL-M26X

Connectors

Audio Input Connector	4-way Phoenix 3.8 mm
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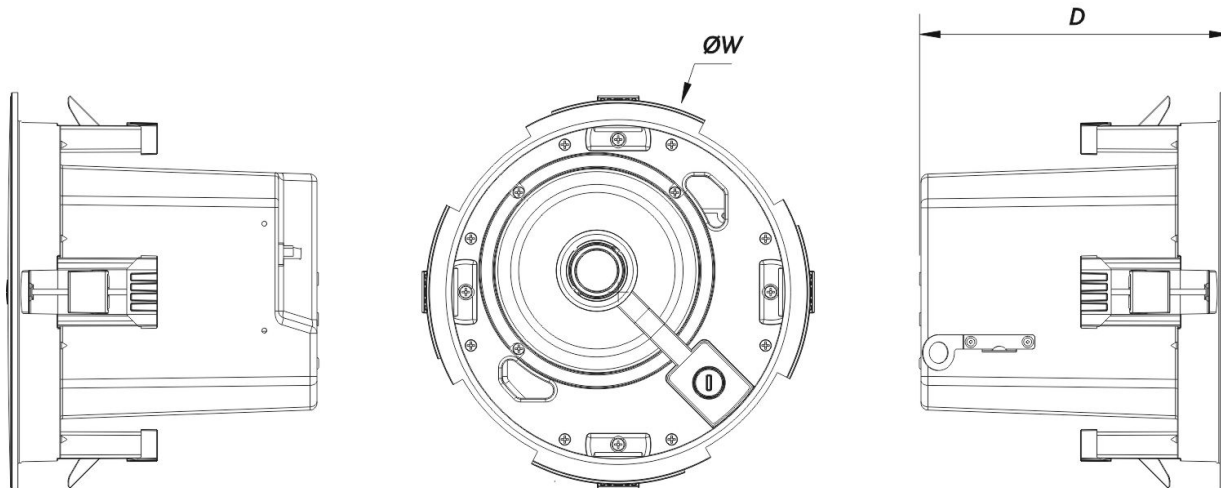
Enclosure

Enclosure Construction	Steel
Enclosure Geometry	Round
Cut Out Diameter	245 mm (9,6 in)
Depth	220 mm (8,6 in)
Dimensions (H x W x D)	280 x 280 x 220 mm 11,0 x 11,0 x 8,6 in
Net Weight	4,3 kg (9,5 lb)

Components

MF Driver	6B
HF Driver	TWT-65

DIMENSIONS



Model	Description	P/N
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ORDERING INFORMATION

System

DECO-65-T	10213238
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Replacement Parts

6B	Cone Transducer	20208260
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TWT-65	Diaphragm	20209020
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Accessories

KIT-IP-DECO	Installation & Stacking Acc.	20301010
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PK-65T	Installation & Stacking Acc.	10213410
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PK-65TW	Installation & Stacking Acc.	10213440
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SP-PRE-DECO-65T	Installation & Stacking Acc.	10213301
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