

P60DT

TWO-WAY 6.5-INCH PENDANT MOUNT LOUDSPEAKER



APPLICATIONS

Bars and Restaurants · Hotels · Casinos
Retail Outlets · Health and Fitness Clubs
Houses of Worship · Exhibit Halls
Corporate Meeting Rooms

DESCRIPTION

The Desono P60DT two-way, 6.5" pendant loudspeaker is intended for full range music reproduction in distributed audio applications. It delivers high intelligibility coupled with a wide coverage area, allowing system designers to use fewer speakers while maintaining acceptable levels of speech intelligibility.

Available in black or white, the P60DT utilizes a 5-position switchable transformer ranging from 3.75W to 60W with low-impedance bypass for constant-voltage operation, making it an excellent choice for large areas of BGM.

The Gripple cable fasteners, Euroblock connector, and 70V/100V tap switch can be hidden after installation by the innovatively designed end cap.

The Desono P60DT is an ideal choice for indoor distributed audio applications that demand superior speech intelligibility and full range music reproduction.

Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.

Data presented on this spec sheet represents the basic performance specifications for the model. For a detailed analysis of this loudspeaker's performance, please download the GLL file and/or the CLF file from our website: biamp.com

FEATURES

- Installer-friendly end cap with cut-out slot and integrated magnetic closure; hides the tap selector and all cable connections
- Two toolless Gripple® cable fasteners are provided for a safe, secure, and fast installation
- Euroblock connector with permanent pass-through
- Tap switch allows for 70V/100V or 16Ω low impedance operation
- Tuned bass reflex port for optimized low frequency performance
- Loudspeaker overload protection for 24/7 failsafe operation
- ETL listed to conform with UL Std 1480; Certified to CSA C22.2#62368-1

TECHNICAL SPECIFICATIONS

Operating Mode	Passive	
Operating Environment	Indoor	
Operating Range (-10dB)	75 Hz to 22 kHz	
Nominal Beamwidth (H x V)	120° conical	
Transducers	LF 1 x 6.5" (165 mm) coated paper cone HF 1 x 1" (25 mm) soft dome	
Continuous Power Handling @ Nominal Impedance	31V	60W @ 16Ω (240W peak)
Nominal Sensitivity @ 1m	@ 1W 89 dB	@ 2.83V 86 dB
Nominal Maximum SPL @ 1m	Peak 113 dB	Continuous 107 dB
Transformer	70V: 60W, 30W, 15W, 7.5W, 3.75W 100V: 60W, 30W, 15W, 7.5W	
Protection	Self-resetting loudspeaker protection	
Recommended Accessories	75 Hz, 12dB/Oct High Pass	
Recommended Amplifiers	60W - 120W @ 16Ω (31V - 44V)	

PHYSICAL

Input Connection	4-way Euroblock connector with permanent pass-through
Controls	Power tap / low impedance selector switch
Mounting Provisions	Two 5m (16 ft) wire suspension cables (one as primary support, one as a safety cable), of high tensile galvanized steel wire rope with integrated spring clips for attaching the cable to the bracket and Gripple cable fasteners.
Compliance	ETL listed to comply with UL Std 1480, Certified to CSA C22.2#62368-1 Suspension system and Gripple cable fasteners listed per UL1598 and UL2239, TUV and CSA Class 3426-01 and Class 3426-81
Dimensions H x Dia.	10.4" x 10.9" (264 mm x 276 mm)
Weight	8.5 lbs (3.9 kg)
Finish	Refer to the Technical Drawings (page 2)
Accessories (included)	Two wire suspension cables; Two Gripple cable fasteners; End cap and cable cover

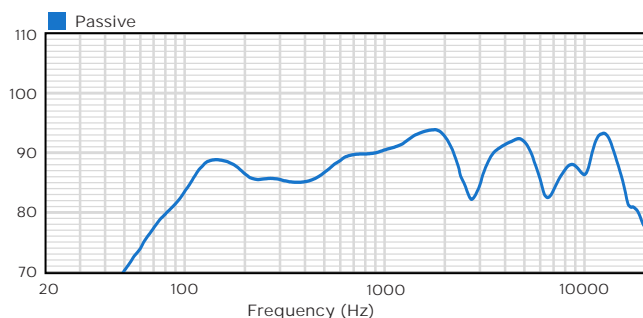
OPTIONS

Accessories	MC-PHK16-12PK: Pendant Hang Kit with (12) 5m (16 ft) lengths of Magic Cable and connectors to suspend snap-hook-mounted pendant loudspeakers, black or white
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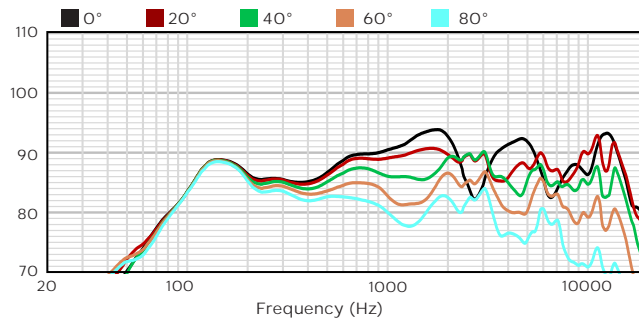
DESONO P60DT

TWO-WAY 6.5-INCH
PENDANT MOUNT LOUDSPEAKER

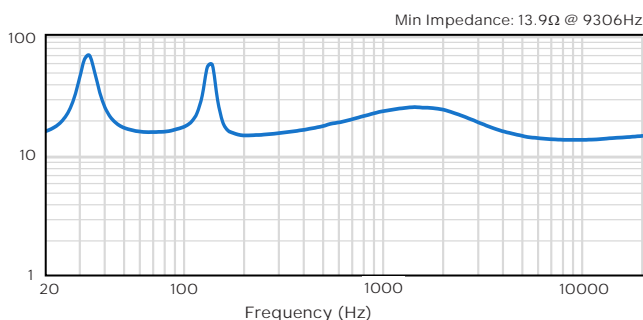
FREQUENCY RESPONSE (dB SPL)



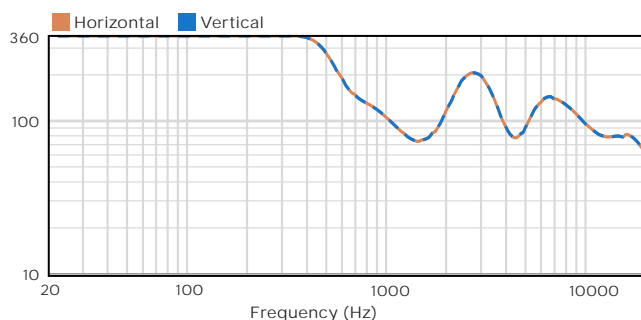
HORIZONTAL OFF-AXIS RESPONSE (dB)



IMPEDANCE (Ohms)



BEAMWIDTH (Degrees)



TECHNICAL DRAWING / DIMENSIONS / FINISH

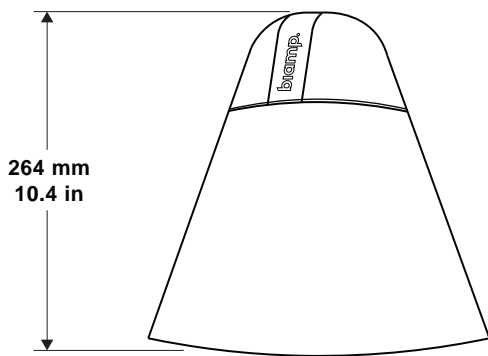
H x W (diameter)
10.4" x 10.9"
(264 mm x 276 mm)

Unit Weight
8.5 lbs (3.9 kg) (includes cable & Gripples)

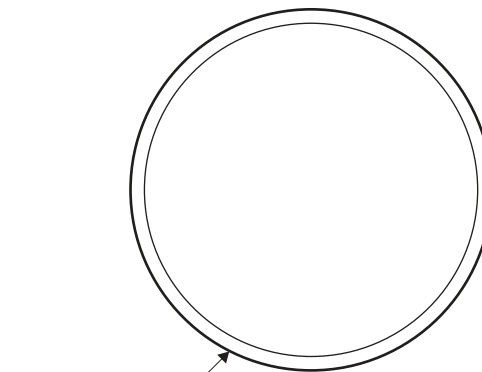
Shipping Weight
13.2 lbs (6 kg)

Grille:
Powder-coated perforated steel
White (RAL 9011) or Black (RAL 9010) finish

Enclosure / Finish
ABS plastic, matte finish, White or Black



Side



Bottom