

# DATA SHEET



# DESONO™ KUBO5T

## TWO-WAY 5.25-INCH SURFACE MOUNT LOUDSPEAKER



### FEATURES

- High speech intelligibility coupled with full-range music reproduction
- Stylish yet subtle design; blends well in many environments
- Can be mounted to track lighting rails through innovative optional accessories
- IP40 rated
- Tap switch allows for 70V/100V or 16Ω low impedance operation
- Loudspeaker overload protection for 24/7 failsafe operation

### APPLICATIONS

Retail Outlets · Bars and Restaurants · Hotels · Cafés and Bistros · Kiosks · Corporate Meeting Rooms

### DESCRIPTION

The Desono KUBO5T two-way 5.25" surface mount loudspeaker is the result of increasing demand for more stylish yet subtle audio products. Designed to blend into any background, the KUBO5T delivers crystal clear sound for all your background music needs, while the bass reflex port provides a fast and dynamic bass response.

Available in black or white, the 140° range of motion allows the KUBO5T to be installed on walls or ceilings in either horizontal or vertical orientation. The audio connections and bracket hardware are hidden under magnetically attached end caps, providing a refined look for high visibility locations. For retail applications, optional accessories are available that allow the KUBO5T to be attached directly to many types of track lighting rails.

The KUBO5T utilizes a 5-position switchable transformer ranging from 1.5W to 30W with low-impedance bypass for constant-voltage operation, making it an excellent choice for large areas of BGM.

The Desono KUBO5T is an excellent choice for indoor audio applications that demand superior speech intelligibility and full range music reproduction.

### TECHNICAL SPECIFICATIONS

Operating Mode	Passive	
Operating Environment	Indoor	
Operating Range (-10dB)	94 Hz to 20 kHz	
Nominal Beamwidth (H x V)	80° x 80°	
Transducers	LF 1 x 5.25" (133 mm) coated paper cone HF 1 x 1" (25 mm) soft dome	
Continuous Power Handling @ Nominal Impedance	28V	50W @ 16Ω (200W peak)
Nominal Sensitivity @ 1m	@ 1W 87 dB	@ 2.83V 84 dB
Nominal Maximum SPL @ 1m	Peak 110 dB	Continuous 104 dB
Transformer	70V: 30W, 15W, 7.5W, 3W, 1.5W 100V: 30W, 15W, 6W, 3W	
Protection	3-step self-resetting protection	
Recommended Amplifiers	50W - 100W @ 16Ω (28V - 40V)	

### PHYSICAL

Input Connection	(2x) 2-way Euroblock connectors for daisy-chaining; connectors accept up to 12 AWG (2.5 mm <sup>2</sup> ) conductors
Controls	Power tap / low impedance selector switch
Mounting Provisions	U-bracket
Environmental	IP40 per IEC 60529
Dimensions H x W x D	155 mm x 164 mm x 136 mm (6.1" x 6.4" x 5.3")
Weight	2 kg (4.4 lbs)
Finish	Refer to the Technical Drawings (page 3)
Accessories (included)	U-bracket; safety cable

### OPTIONS

Accessories	LRABAS(-BL/-W): Basic light rail adaptor, black or white LRAPRE(-BL/-W): Premium light rail adaptor, black or white
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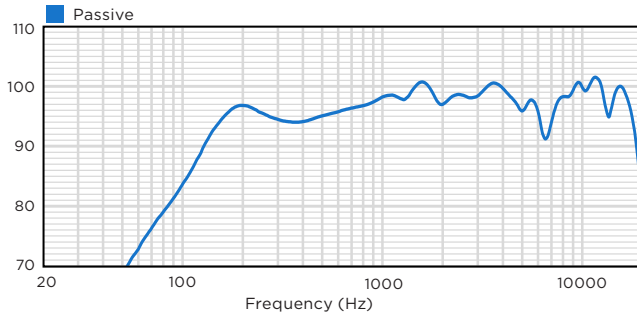
*Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice. Data presented on this spec sheet represents the basic performance specifications for the model. For a detailed analysis of this loudspeaker's performance, please download the GLL file from our website: [biamp.com](http://biamp.com)*



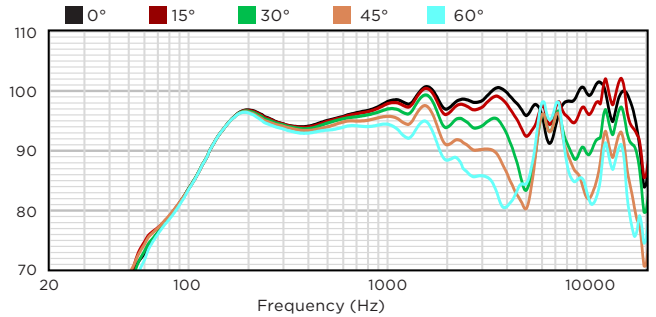
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SURFACE MOUNT LOUDSPEAKER

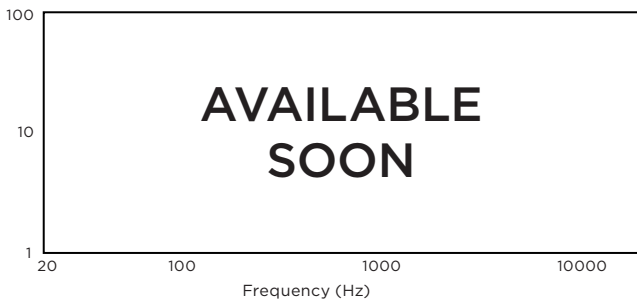
## FREQUENCY RESPONSE (dB SPL)



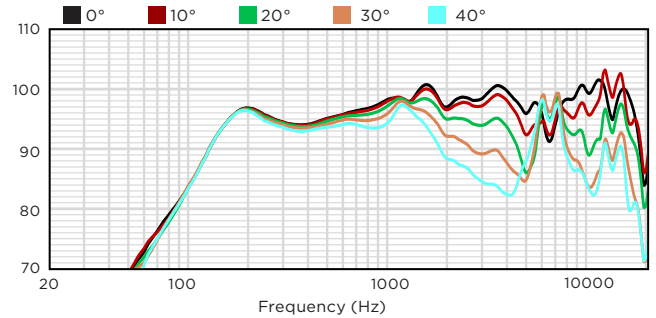
## HORIZONTAL OFF-AXIS RESPONSE (dB)



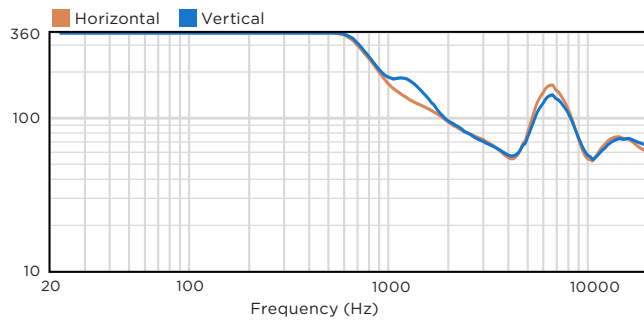
## IMPEDANCE (Ohms)



## VERTICAL OFF-AXIS DOWN RESPONSE (dB)



## BEAMWIDTH (Degrees)



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## TECHNICAL DRAWING / DIMENSIONS / FINISH

H x W x D  
155 mm x 164 mm x 136 mm  
(6.1" x 6.4" x 5.3")

Unit Weight  
2 kg (4.4 lbs)

Grille:  
Steel  
White (RAL 9016) or Black (RAL 9011) finish

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

