

# DATA SHEET



# DESONO™ MASK8F

## TWO-WAY 8-INCH SURFACE MOUNT LOUDSPEAKER



### FEATURES

- High speech intelligibility coupled with full-range music reproduction
- Dome tweeter on waveguide horn for broad dispersion
- Equipped with eight rigging points
- Loudspeaker overload protection for 24/7 failsafe operation

### APPLICATIONS

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

### DESCRIPTION

The Desono MASK8F two-way, 8" surface mount loudspeaker delivers crystal clear sound for all your public address and background music needs. Available in black or white, its 8" coated paper cone woofer and 1" silk dome tweeter results in a high SPL and extremely low distortion, ensuring unprecedented clarity over the entire frequency spectrum.

The MASK8F is equipped with a 1.4" (35 mm) metal pole mount adapter on the bottom for mounting to loudspeaker stands.

The Desono MASK8F is an ideal choice for indoor distributed audio applications that demand superior speech intelligibility and full range music reproduction.

### TECHNICAL SPECIFICATIONS

Operating Mode	Passive	
Operating Environment	Indoor	
Operating Range (-10dB)	53 Hz to 22 kHz	
Nominal Beamwidth (H x V)	100° x 100°	
Transducers	LF 1 x 8" (203 mm) coated paper cone HF 1 x 1" (25 mm) soft dome	
Continuous Power Handling @ Nominal Impedance	40V	200W @ 8Ω (800W peak)
Nominal Sensitivity @ 1m	@ 1W 87 dB	@ 2.83V 87 dB
Nominal Maximum SPL @ 1m	Peak 116 dB	Continuous 110 dB
Protection	2-step self-resetting protection	
Recommended Amplifiers	200W - 400W @ 8Ω (40V - 57V)	

### PHYSICAL

Input Connection	(2x) Speakon™ connectors; (2x) 5-way binding posts
Mounting Provisions	U-bracket
Dimensions H x W x D	16.2" x 9.4" x 9.4" (411 mm x 250 mm x 250 mm)
Weight	19.8 lbs (9.0 kg)
Finish	Refer to the Technical Drawings (page 3)
Accessories (included)	U-brackets; safety cable

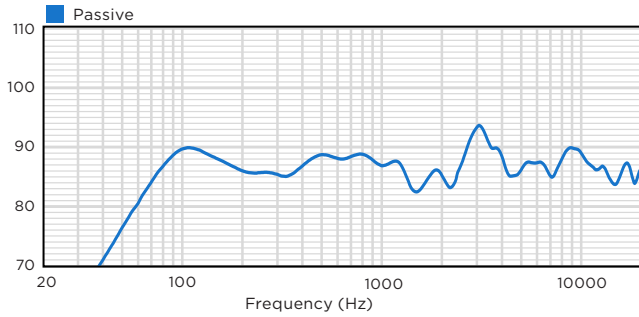
*Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice. Data presented on this spec sheet represents the basic performance specifications for the model. For a detailed analysis of this loudspeaker's performance, please download the GLL file from our website: [biamp.com](http://biamp.com)*



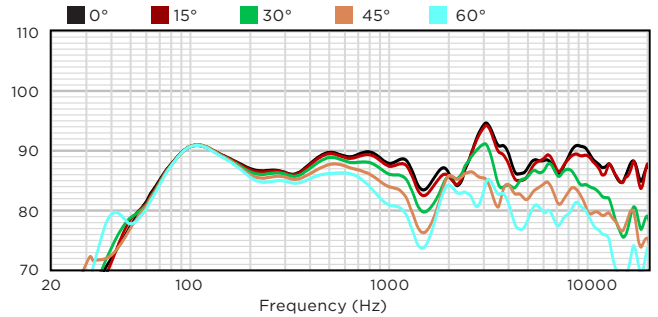
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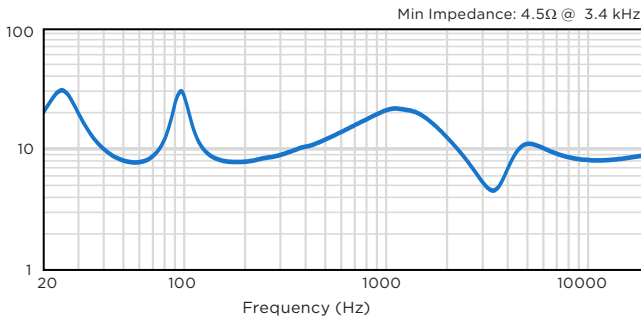
## FREQUENCY RESPONSE (dB SPL)



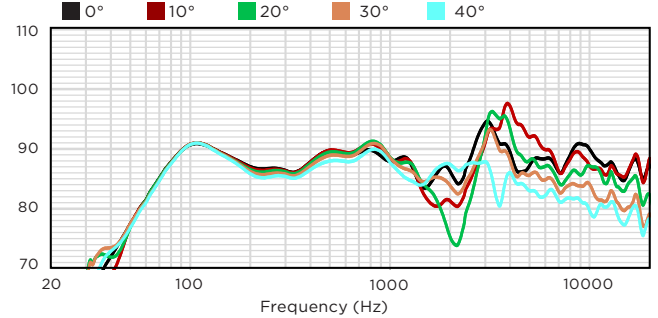
## HORIZONTAL OFF-AXIS RESPONSE (dB)



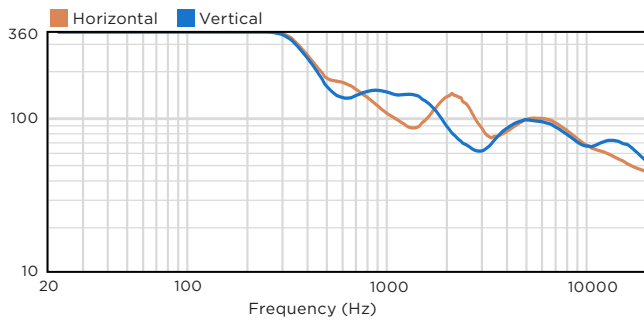
## IMPEDANCE (Ohms)



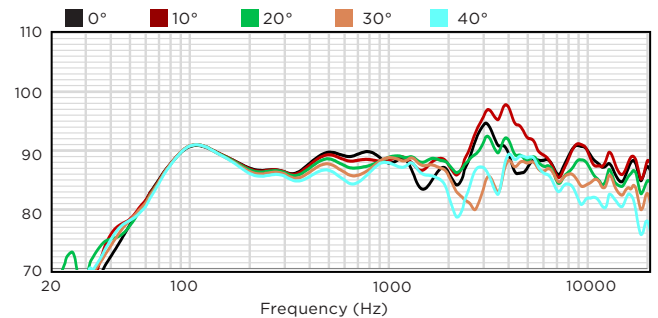
## VERTICAL OFF-AXIS UP RESPONSE (dB)



## BEAMWIDTH (Degrees)



## VERTICAL OFF-AXIS DOWN RESPONSE (dB)



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## TECHNICAL DRAWING / DIMENSIONS / FINISH

**H x W x D**  
16.2" x 9.4" x 9.4"  
(411 mm x 250 mm x 250 mm)

**Unit Weight**  
19.8 lbs (9.0 kg)

**Shipping Weight**  
24.7 lbs (11.2 kg)

**Grille:**  
Steel  
White (RAL 9003) or Black (RAL 9011) finish

**Enclosure / Finish**  
MDF, matte finish, White or Black

