

# DATA SHEET



# DESONO™ MASK6C

## TWO-WAY 6.5-INCH SURFACE MOUNT LOUDSPEAKER



### FEATURES

- IP64 rated for outdoor applications such as patios or concourses
- Waterproof connector sealing for outdoor applications
- Innovative ClickMount™ bracket allows all audio connections to be made at the bracket
- Integrated spirit level for fast, hassle-free positioning and mounting
- Loudspeaker overload protection for 24/7 failsafe operation

### TECHNICAL SPECIFICATIONS

Operating Mode	Passive	
Operating Environment	Indoor/Outdoor	
Operating Range (-10dB)	65 Hz to 22 kHz	
Nominal Beamwidth (H x V)	100 x 50	
Transducers	LF 1 x 6.5" (165 mm) coated paper cone HF 1 x 1" (25 mm) soft dome	
Continuous Power Handling @ Nominal Impedance	35V	150W @ 8Ω (600W peak)
Nominal Sensitivity @ 1m	@ 1W 89 dB	@ 2.83V 89 dB
Nominal Maximum SPL @ 1m	Peak 117 dB	Continuous 111 dB
Protection	3-step self-resetting protection	
Recommended Amplifiers	150W - 300W @ 8Ω (35V - 49V)	

### APPLICATIONS

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

### DESCRIPTION

The Desono MASK6C two-way, 6.5" surface mount loudspeaker delivers crystal clear sound for all your public address and background music needs. Available in black or white, its 6.5" coated paper cone woofer and a 1" silk dome tweeter results in a high SPL and extremely low distortion, ensuring unprecedented clarity over the entire frequency spectrum.

Designed with the installer in mind, the MASK6C ships with the patented ClickMount bracket, enabling all audio connections to be made at the bracket itself. Pre-defined horizontal and vertical notches in the bracket make loudspeaker adjustments fast and repeatable. To complete the installation, simply 'click' the loudspeaker in place.

The Desono MASK6C is designed for outdoor applications such as patios or concourses, and an ideal choice for both indoor and outdoor distributed audio applications that demand superior speech intelligibility and full range music reproduction.

### PHYSICAL

Input Connection	Audio connections made at the ClickMount bracket; lever-action input and output terminals accept up to 16 AWG conductors
Mounting Provisions	ClickMount bracket
Environmental	IP64 per IEC 60529
Dimensions H x W x D	328 mm x 198 mm x 190 mm (12.9" x 7.8" x 7.5")
Weight	4.4 kg (9.7 lbs)
Finish	Refer to the Technical Drawings (page 3)
Accessories (included)	ClickMount bracket; safety cable
Accessory (optional)	MASKCL(-BL/-W): 90° mounting bracket, available in black or white MASKCV(-BL/-W): 2-cluster mounting bracket, available in black or white MASKCW(-BL/-W): 4-cluster mounting bracket, available in black or white

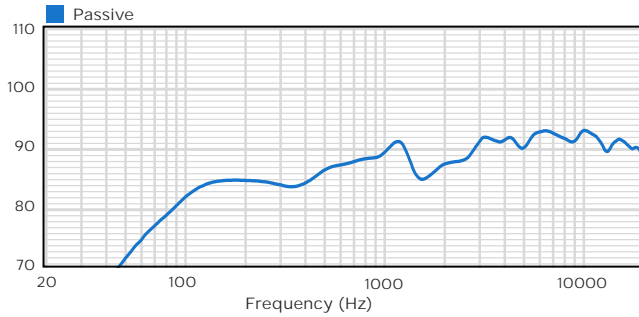
*Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice. Data presented on this spec sheet represents the basic performance specifications for the model. For a detailed analysis of this loudspeaker's performance, please download the GLL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



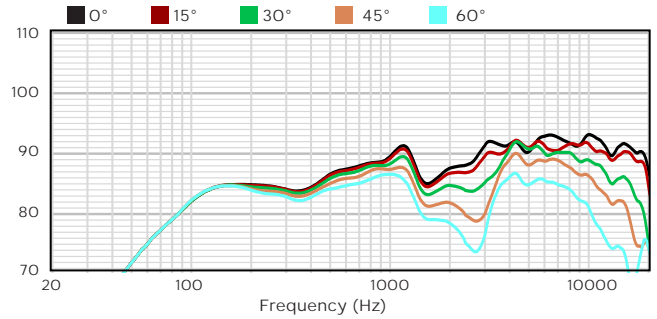
# DESONO MASK6C

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SURFACE MOUNT LOUDSPEAKER

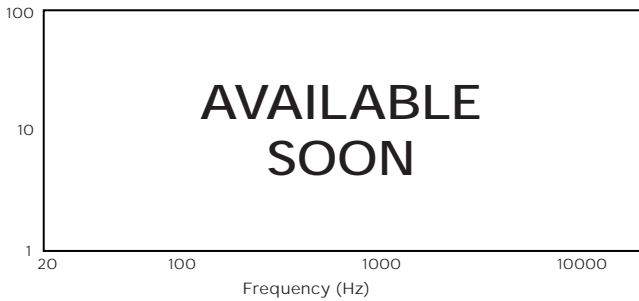
**FREQUENCY RESPONSE** (dB SPL)



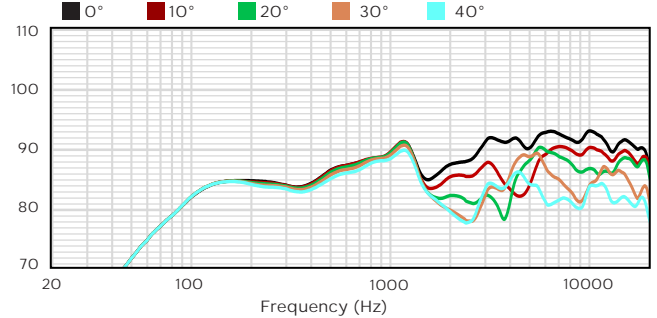
**HORIZONTAL OFF-AXIS RESPONSE** (dB)



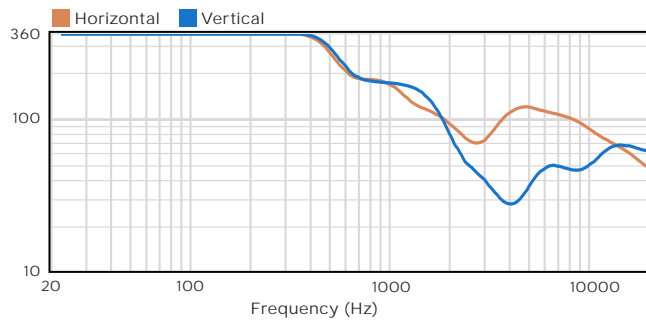
**IMPEDANCE** (Ohms)



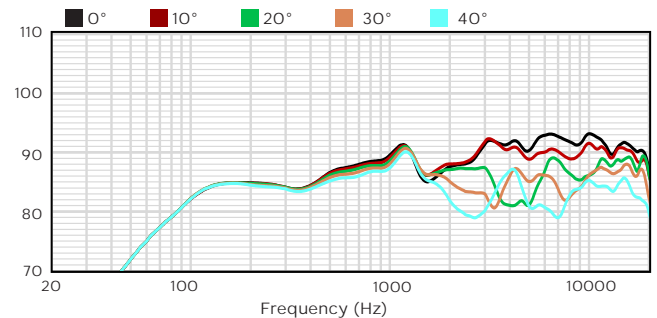
**VERTICAL OFF-AXIS UP RESPONSE** (dB)



**BEAMWIDTH** (Degrees)



**VERTICAL OFF-AXIS DOWN RESPONSE** (dB)



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## TECHNICAL DRAWING / DIMENSIONS / FINISH

H x W x D  
328 mm x 198 mm x 190 mm  
(12.9" x 7.8" x 7.5")

Unit Weight  
4.4 kg (9.7 lbs)

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

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

