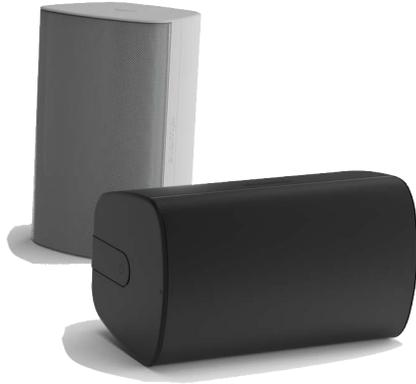


EX-S10 TWO-WAY COAXIAL 10-INCH SURFACE MOUNT LOUDSPEAKER



APPLICATIONS

DISTRIBUTED

Bars and Restaurants · Hotels · Casinos
Shopping Malls · Health and Fitness Clubs
Houses of Worship · Presentation Spaces
Sports Facilities · Outdoor Entertainment
Exhibit Halls · Amusement and Theme Parks

DESCRIPTION

The Desono™ EX surface mount loudspeakers provide excellent acoustic performance in elegant, attractive aesthetics for a diverse range of indoor and outdoor distributed applications. EX Series includes three two-way, full range models and one matching-enclosure subwoofer. All full-range models include 70V/100V transformers and low impedance inputs. They deliver high voice intelligibility, wide bandwidth and exceptional uniform coverage.

The Desono EX-S10, the largest member of the EX Series, 10" two-way surface mount loudspeaker provides excellent musicality with deep LF extension. It's perfectly suited as the front-of-house in small venues or used in distributed applications without subwoofers.

Designed for easy and fast installation, our innovative, patented ClickMount™ brackets provide installers with two distinct mounting options. The ClickMount pan-tilt bracket provides indexed aiming control and allows for mounting EX Series quickly in either vertical or horizontal orientation without moving the bracket position. The ClickMount U-Bracket is also available for low profile mounting or exterior use and includes the ClickPlug with an integrated gland nut for weather-resistant applications. Both brackets are theft and tamper resistant.

FEATURES

- Exceptional audio clarity with small footprint and attractive styling
- Uniform coverage from coaxially mounted HF/LF drivers
- 5-position switch selects 70V/100V taps or low impedance bypass
- ETL listed to comply with UL 1480A, CSA 62368-1, CE marked, and RoHS compliant
- EN54-24 certified

TECHNICAL SPECIFICATIONS

Operating Mode	Passive with selectable low-impedance or 70V/100V operation		
Operating Environment	Indoor/Outdoor		
Operating Range	55 Hz to 18 kHz		
Nominal Beamwidth (H x V)	90°, conical		
Transducers	LF 1 x 10" (254mm) treated paper cone HF 1 x 1.4" (36mm) voice coil compression driver		
Continuous Power Handling @ Nominal Impedance	Passive	49V	300W @ 8 ohms (1200W peak)
Nominal Sensitivity @ 1m	Passive	@ 1W 92 dB	@ 2.83V 92 dB
Nominal Maximum SPL	Passive	Peak 123 dB	Continuous 117 dB
Transformer	70V: 120W, 60W, 30W, 15W 100V: 120W, 60W, 30W		
Required Accessories	45 Hz, 12dB/Oct High pass filter, DSP		
Recommended Amplifiers	300W - 600W @ 8 ohms (49V-69V)		

PHYSICAL

Input Connection	Lever-actuated wire clamping 4-position terminal block with pass-through
Controls	Wattage / low impedance selector switch
Mounting Provisions	ClickMount pan-tilt bracket <u>or</u> ClickMount U-Bracket
Compliance	ETL listed to comply with UL 1480A, CSA STD C22.2# 62368-1, and CSA STD C22.2# 60950-22 Certified to EN54-24
Environmental Rating	IP54 per IEC 60529
Dimensions H x W x D	20.7" x 12.1" x 12.3" (527mm x 308mm x 313mm)
Weight	TBD
Finish	Refer to the Technical Drawings (page 2)
Models (Order by mounting option)	EX-S10-CM [-B,-W] - loudspeaker with large ClickMount pan-tilt bracket EX-S10-UB [-B,-W] - loudspeaker with ClickMount U-Bracket and ClickPlug

OPTIONS

Accessories	CMX-LG [-B,-W] - Large ClickMount pan-tilt bracket kit EXUB-S10 [-B,-W] - EX-S10 ClickMount U-Bracket kit
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Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.

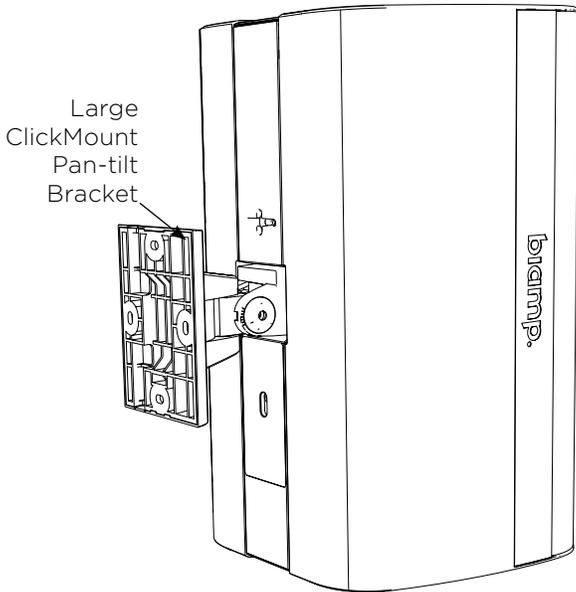
Data presented on this spec sheet represents the basic performance specifications for the model. For a detailed analysis of this loudspeaker's performance, please download the GLL file and/or the CLF file from our website: biamp.com

DESONO

EX-S10 TWO-WAY COAXIAL 10-INCH SURFACE MOUNT LOUDSPEAKER

EX-S10-CM

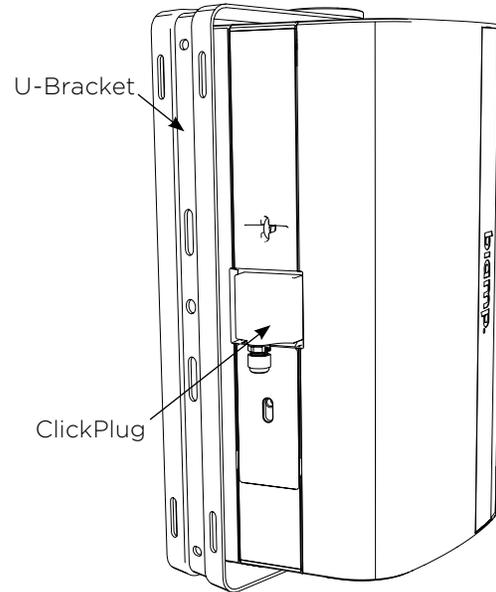
EX-S10 Loudspeaker with ClickMount pan-tilt bracket



Pivot angle (portrait orientation)
Horizontal 120° in 10° increments
Vertical 48° in 8° increments

EX-S10-UB

EX-S10 Loudspeaker with ClickMount U-Bracket and ClickPlug



Pivot angle
200° in 10° increments

TECHNICAL DRAWING / DIMENSIONS / FINISH

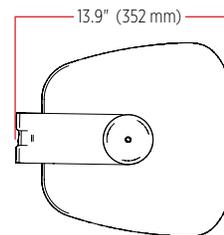
H x W x D
20.7" x 12.1" x 12.3"
(527mm x 308mm x 313mm)

Unit Weight
TBD

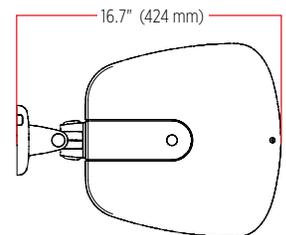
Shipping Weight
TBD

Grille
Powder-coated perforated Marine Grade aluminum backed with hydrophobic cloth
Black or White

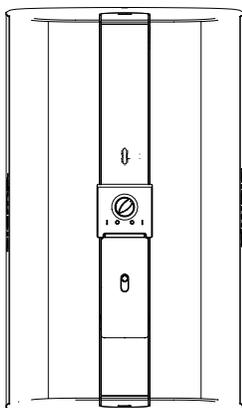
Enclosure / Finish
UL94 5VB rated ABS plastic, matte finish
Black or White



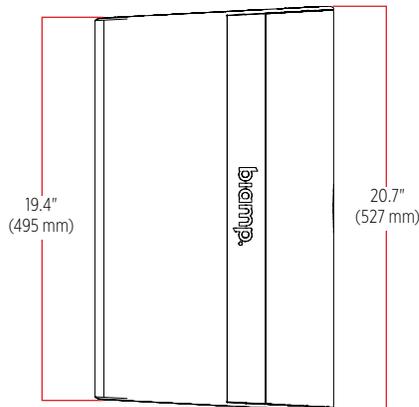
Top (with U-Bracket)



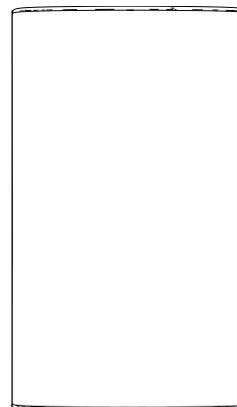
Top (with pan-tilt)



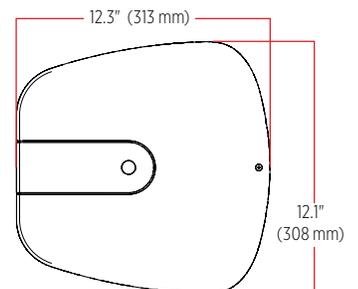
Rear



Side



Front



Top