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 or 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

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.

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

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

A: 9300 S.W. Gemini Drive Beaverton, OR 97008 USA     T: +1 503.641.7287     W: www.biamp.com
EX-S10 CM
EX-S10 Loudspeaker with ClickMount pan-tilt bracket

EX-S10 UB
EX-S10 Loudspeaker with ClickMount U-Bracket and ClickPlug

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

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 SVB rated ABS plastic, matte finish
Black or White

Top (with U-Bracket)
16.7" (424 mm)

Top (with pan-tilt)
13.9" (352 mm)

Rear
19.4" (495 mm)

Side
20.7" (527 mm)

Front

Top
12.3" (313 mm)

12.1" (308 mm)

Large ClickMount Pan-tilt Bracket
U-Bracket
ClickPlug