

PRODUCT DESCRIPTION

The Qt® Active Emitter is a point-source Emitter (loudspeaker) capable of both sound masking and simultaneous reproduction of clear audio sources such as paging signals. The Qt Active Emitter provides higher SPL and a broader frequency range than previous direct field Emitter offerings using a 1.25" diameter driver. Patented direct-field technology ensures both uniform, comfortable sound masking as well as clear, articulate paging in a loudspeaker that's virtually invisible once deployed in finished or open structure ceilings. This version of the Qt Active Emitter should only be used with the DynasoundPro Networked System. When used with the DynasoundPro Networked system, power and audio signals are delivered to the Active Emitter through the DS8000 PoE Networked Speaker Controller and a PoE network switch.



FEATURES

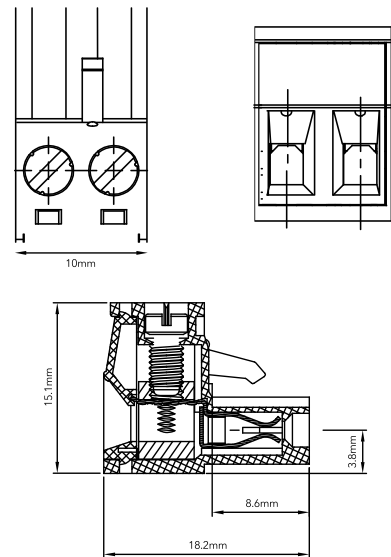
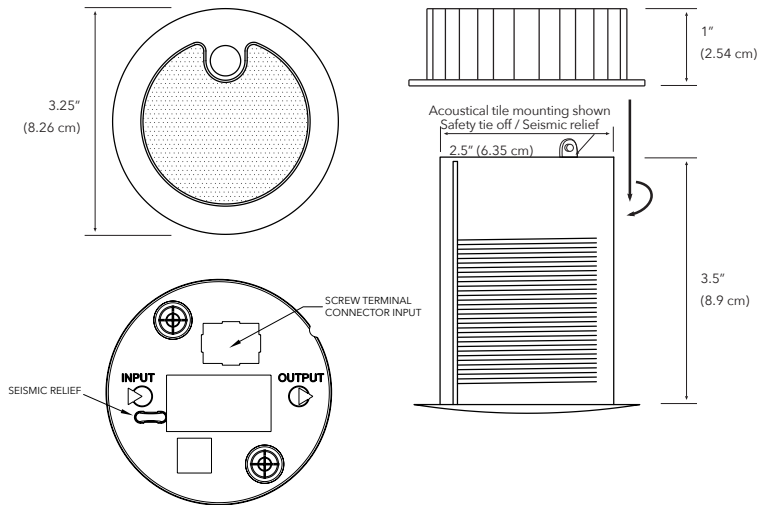
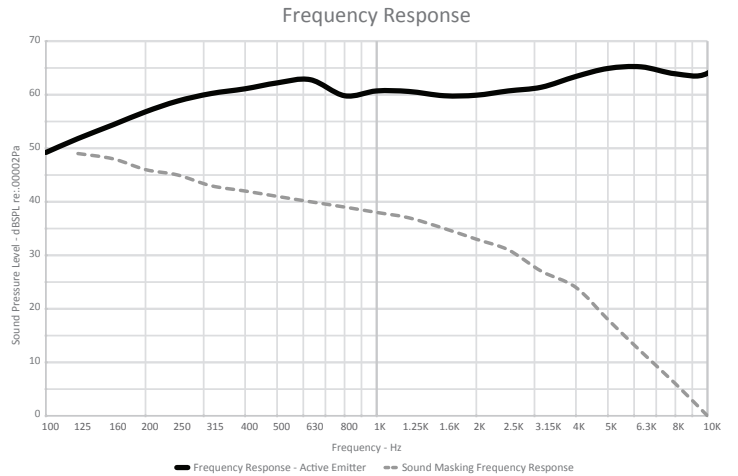
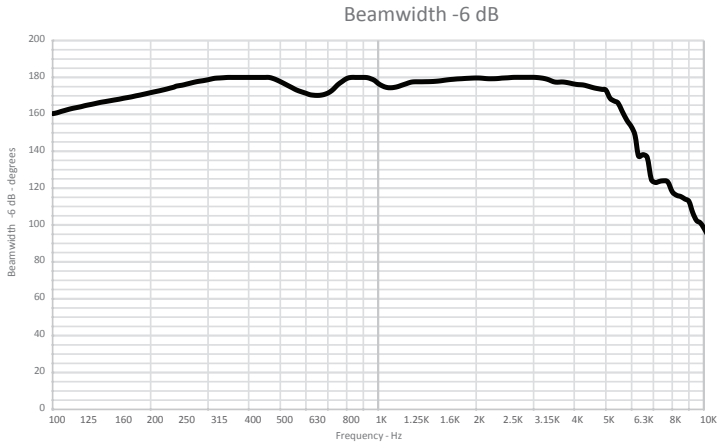
- A ported emitter capable of delivering uniform, comfortable sound masking and clear, quality paging
- Delivers quality masking and audio in a small speaker that's virtually invisible once deployed in finished or open structure ceilings
- Provides direct field sound masking and high fidelity audio with individually addressable emitters in the Dynasound Networked system
- Plenum-rated, UL-listed, and complies with UL 2043

TECHNICAL SPECIFICATIONS

Sound Masking Frequency Response:	125 Hz - 10,000 Hz
Music / Paging Frequency Response:	125 Hz - 16,000 Hz (-10 dB)
Masking Min - Max SPL:	30 dBA to 60 dBA @ 1 meter
Music / Paging Max SPL:	65.4 dBA @ 1 meter
Nominal Dispersion:	170 degrees conical / half space
Connections:	Screw Terminal Plug accepts #12 to #22 AWG wire
Cabling:	2 conductor #18 AWG stranded wire
Included Accessories:	Acoustic Ceiling Tile Mounting Ring
Maximum Power Consumption:	2 Watts
Driver Diameter:	1.25" (3.2 cm)
Enclosure:	Front Vented
Color:	White and Black
Height:	3.5" (8.9cm)
Diameter:	3.25" (8.3cm)
Weight:	6.5 oz. (184 g)
Certifications:	UL 2043
SKU:	DS1320-W-4 (4 pack of white active emitters with terminal block connectors), DS1320-B-4 (4 pack of black active emitters with terminal block connectors)

ARCHITECTURAL SPECIFICATIONS

The emitter shall consist of a single 1.25" (3.17 cm), 4 ohm, full range transducer installed in a vented enclosure. The enclosure shall be made to meet UL Standard 2043 requirements for heat and smoke release in accordance with the provisions of the following codes: National Electric Code, NFPA 70; International Mechanical Code, NFPA 5000; Standard for the Installation of Air Conditioning and Ventilating Systems, and NFPA 90A. The emitter shall provide a screw terminal plug to be used only to connect to a Dynasound DS8000 networked speaker controller. A twist-and-lock mounting ring shall be provided for quick and secure mounting in ceiling materials. The enclosure shall provide a secondary attachment for a security cable where required by local authorities.



REQUIRED ACCESSORIES

DS8000 Networked, PoE Speaker Controller with full DSP	SKU# DS8000
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OPTIONAL ACCESSORIES

Drywall Mount	SKU# DM
Beam Bracket	SKU# AE-BB-W, AE-BB-B
Universal Bracket	SKU# AE-UB-W, AE-UB-B