

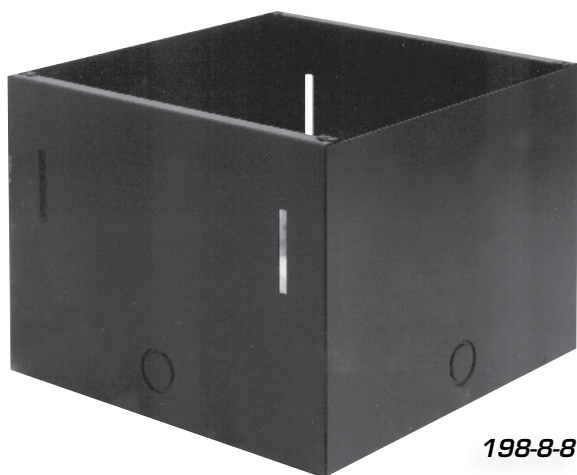


198 Series

Square Recessed Baffle For 4" & 8" Loudspeakers



198-4



198-8-8

Applications

Choose from various square enclosure models to fulfill different installation and application requirements. Selection includes protective enclosures for recessed installation of standard and UL Listed 4" (102mm) and 8" (203mm) loudspeakers. Models are offered in various depths and screw-mount application of grilles. Select models are also offered in high-performance, extra-depth versions (8" deep) with acoustic fiberglass.

Enclosures with greater cubic capacity extend bass response by allowing additional acoustic loading for cost-effective application wherever enhanced audio quality of music and voice reproduction is desired. Recessed and surface-mount models offer superior quality with installation flexibility for professional sound system use in establishments of all kinds including lounges, restaurants, transportation centers, professional offices, meeting rooms, retail, and recreation areas. Standard depth enclosures are also available.

General Description

Atlas Sound square protective enclosures are cost-effective assemblies that mount a wide variety of Atlas Sound grilles. All models are of welded CRS construction, finished in black enamel, and are undercoated to eliminate mechanical and acoustical resonances. Units are also furnished with four compound conduit knockouts. Refer to chart on back for dimensions and mounting information.

Atlas Sound extra-depth enclosures with acoustic fiberglass lining extend quality and enhance performance of 8" diameter commercial and professional loudspeakers. The increased volume of these enclosures extends the low frequency response by improving acoustic loading. Backbox inner surfaces are undercoated to prevent metallic resonance in the higher end of the frequency spectrum and lined with 1½" (38mm) thick high density fiberglass (1½ lbs. per ft³). All enclosures are constructed of heavy-gauge CRS and include four conveniently located combination conduit knock-outs to facilitate installation. Recessed models are finished in rust-preventive, textured black coating.

Enclosures for 4" and 8" Diameter Standard and UL Listed Loudspeakers

Model Series 198-4 is designed for 4" (102mm) diameter loudspeakers and will accommodate standard screw-mount baffles. Series 198-8 is for 8" (203mm) diameter loudspeakers and is available with a depth of 3¾" and standard screw-mount or baffle mounting configurations. Finish is black enamel. Extra-depth, 8" deep enclosures are also available with acoustic fiberglass.

Model U198-8 is UL listed for fire protective signaling application and are plenum rated under UL file S 1824. They are designed for use with Atlas Sound UL Listed (Standard 1480) fire-protective 4" signaling loudspeaker Series UDT and 8" loudspeaker Series UHT/UKT respectively.

Features

- Available in Various Depths to Meet Performance Requirements
- Choice of Recessed Models With/Without Torsion Spring Receptacles
- Choice of UL Listed and Plenum Rated Models (UL 2043)
- Loudspeaker Enclosures with Greater Cubic Capacity Provide Improved Loading to Enhance High-Quality Sound Systems
- Generous Acoustic Fiberglass Lining Improves Low Frequency Response to Achieve Fuller, Richer Bass (198-8-8 Only)
- Choice of Square, Round, Recessed, and Surface Mounting Models Meet Professional Sound Installation Requirements

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Specifications

198-4

Width (A)	6 ³ / ₃₂ " (159.5mm)
Hole Pattern (B)	5 ¹ / ₂ " Square (140mm)
Depth (C)	4 ³ / ₁₆ " (106mm)
Volume	.098 ft. ³
Weight	2 lb (.91 kg)
Mounts Baffle Models	161-4

198-8

Width (A)	10 ¹ / ₁₆ " (271mm)
Hole Pattern (B)	10" Square (254mm)
Depth (C)	3 ³ / ₄ " (95mm)
Volume	.248 ft. ³
Weight	3.17 lb (1.44 kg)
Mounts Baffle Models	161-8, P912

198-8-8

Width (A)	10 ⁵ / ₈ " (270mm)
Hole Pattern (B)	10" (254 mm) Square
Depth (C)	8" (203 mm)
Volume	.522 ft. ³
Weight	5 lb (2.27 kg)
Mounts Baffle Models	161-8, P912

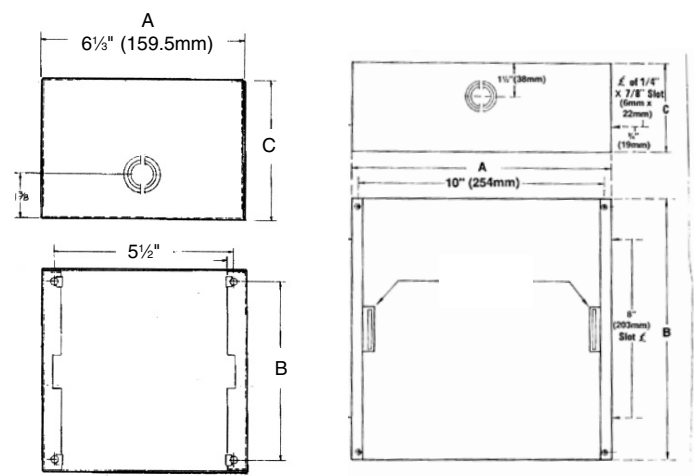
*UL Listed, plenum-rated models must be matched with Atlas Sound UHT, UKT.

Architect and Engineer Specifications

The metal protective enclosure shall be Atlas Sound Model _____ [198-8-8]. The enclosure shall be constructed of heavy-gauge cold rolled steel with interior undercoating and 1¹/₂" (38mm) thick high density fiberglass (1¹/₂ lbs. per ft.³). The unit shall be _____ (round or square) and designed for _____ (recessed or surface) installations which will be accomplished via _____ (standard screw, torsion spring, flange mount, welded clip) mounting. Recessed models shall have a rust-preventive, textured black coating and the surface-mount unit finished in textured white. All enclosures shall include four triple compound conduit knockouts.

Protective enclosure shall be Atlas Sound Model _____. It shall contain four compound knockouts and be equipped (with, without) torsion spring receptacles. It shall be of welded CRS construction, have a black painted finish, and be undercoated to eliminate mechanical and acoustical resonances (191 Series is also patch-jute lined). Unit shall accommodate Atlas Sound baffle Model _____ and Atlas Sound (8", 4") loudspeaker Model _____.

For applications requiring UL standard 1480 rating and/or UL file S 1824 plenum rating, protective enclosure shall be Atlas Sound Model _____ (U198-8, U198-4). Enclosure shall be matched with UL Listed loudspeaker Series UHT, UKT, or UDT and companion baffle Model _____ (U161-8, U161-4) to maintain UL Listing.



(U)198-4 Series

(U)198-8/
(U)T198-8 Series

