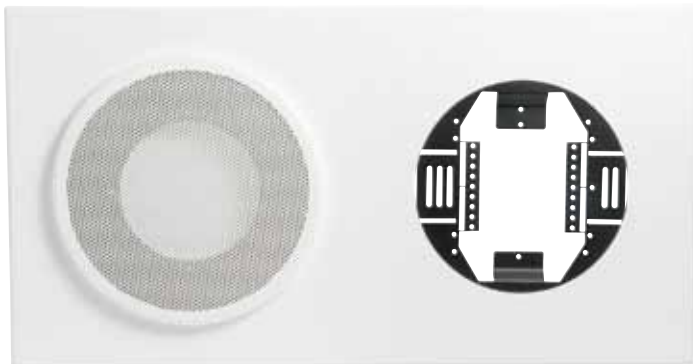


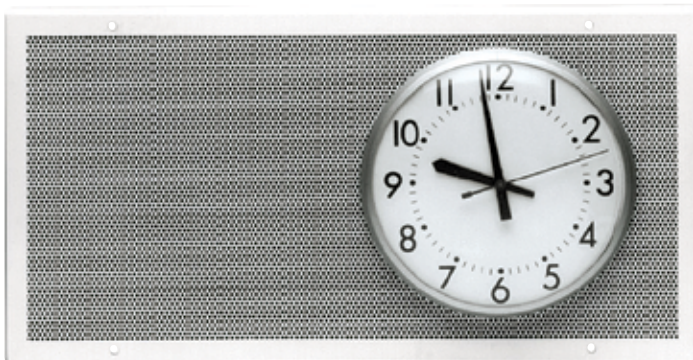


Combination Analog Clock

8" Speaker Baffles And Enclosures



830 Series



840 Series

Features

- Reliable Design Installs Quickly in New or Retrofit Construction
- Recessed and Surface Mounting Styles Meet Installation Requirements
- Universal Bracket Mounts Almost Any 9", 10", or 12" Diameter Analog Clock
- All Models Include Provisions for Easy Installation of Standard 8" Loudspeakers
- Easy-to-Configure Standard Panels in Model NC850 Provide Custom Flexibility for Mounting Switches, Thermostat, and/or Lighting Controls.

Applications

Atlas Sound clock/speaker baffles provide convenient and cost-effective installation of analog clocks and 8" diameter loudspeakers for use in schools, offices, commercial, industrial, and institutional applications of all kinds. CRS construction in surface and recessed styles and optional panel control inserts assure service durability and application flexibility.

830 Series Economical clock/loudspeaker baffle assemblies are offered in two sizes and feature a CRS grille and trim ring mounted to an 18-gauge CRS panel with cutouts for mounting an 8" diameter loudspeaker (order separately). The 830 Series mounts into position using a double-action torsion spring system to provide a hardware-free appearance. Models include a black gasket for concealed mounting of an 8" (203mm) diameter loudspeaker and a universal clock mounting bracket for installation of almost any 9", 10", or 12" diameter analog clock (by others). The panel, grille, and trim ring components are finished in a white epoxy. Assemblies can be recessed or surface mounted using 194 Series enclosures (see page 3).

840 Series Contemporary clock/loudspeaker baffle combinations are offered in two sizes and feature a one-piece 18-gauge CRS frame with a 22-gauge CRS perforated grille, a subplate for mounting an 8" loudspeaker (order separately), and a universal bracket for mounting a 9", 10", or 12" clock (by others). The separate subplate is designed for easy concealed installation of a standard 8" (203mm) diameter loudspeaker (order separately). Loudspeaker grille and frame are finished in textured white epoxy. Assemblies can be recessed or surface mounted using 195 Series enclosures (see page 4).

Enclosure Specifications

Model	Type	Width	Height	Depth	Mounts	Weight
194-89	Recessed	24½" (622mm)	12⅞" (306mm)	3" (76mm)	830-89A	8 Lbs.
194-812	Recessed	31⅞" (803mm)	15⅞" (403mm)	3" (76mm)	830-812A	13.5 Lbs.
195-89	Recessed	23⅞" (606mm)	11⅞" (302mm)	3" (76mm)	840-89A	7 Lbs.
195-812	Recessed	31¼" (794mm)	16" (406mm)	3" (76mm)	840-812A	11.5 Lbs.
SM194-89	Surface	26⅞" (676mm)	14⅞" (359mm)	3" (76mm)	830-89A	7.5 Lbs.
SM194-812	Surface	34" (864mm)	18" (457mm)	3" (76mm)	830-812A	12 Lbs.
SM195-89	Surface	26⅞" (683mm)	13⅞" (351mm)	3" (76mm)	840-89A	6.5 Lbs.
SM195-812	Surface	34⅞" (865mm)	18⅞" (462mm)	3" (76mm)	840-812A	11 Lbs.

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Specifications

830-89A

Width	26½" (673mm)
Height	14" (356mm)
Clock/Hole Clearance	8¾" (222mm)
Speaker*	8" (203mm)
Analog Clock**	9" (229mm), 10" (254mm)
Enclosure	194-89, SM194-89
Weight	6 lb

830-812A

Width	33⅞" (860mm)
Height	17⅞" (454mm)
Clock/Hole Clearance	10½" (267mm)
Speaker*	8" (203mm)
Analog Clock**	12" (305mm)
Enclosure	194-812, SM194-812
Weight	7.5 lb

840-89A

Width	26¾" (679mm)
Height	13⅛" (348mm)
Clock/Hole Clearance	8¾" (222mm)
Speaker*	8" (203mm)
Analog Clock**	9" (229mm), 10" (254mm)
Enclosure	195-89, SM195-89
Weight	2.5 lb

840-812A

Width	33⅝" (862mm)
Height	18⅞" (459mm)
Clock/Hole Clearance	10½" (267mm)
Speaker*	8" (203mm)
Analog Clock**	12" (305mm)
Enclosure	195-812, SM195-812
Weight	5 lb

* Ordered separately.

** Manufactured by others.



194/195 Series

194/195 Series Enclosure

Use Atlas Sound 194 and 195 Series protective enclosures for recessed or surface mounting of 830 and 840 Series clock/speaker baffles, respectively. The 194 Series models contain 12 triple-compound conduit knockouts (six on both top and bottom) to facilitate easy wiring; 195 Series has 12 knockouts (four on both top and bottom, two at each end). Both series are constructed of 20-gauge CRS and are heavily undercoated to prevent mechanical resonances. Units contain a compartment divider to separate high and low voltage wiring. Models for surface application include an (SM) prefix and are finished in textured white epoxy to match the clock/speaker baffle panel. Recessed enclosures are finished with an epoxy coating.

Architect and Engineer Specifications


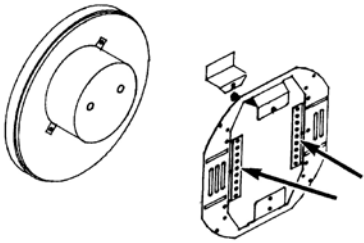
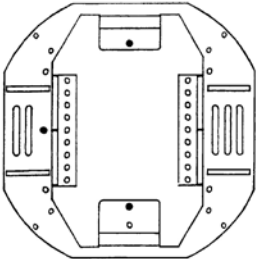

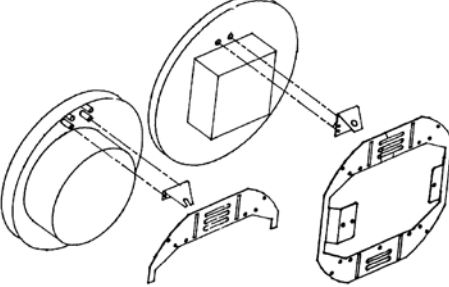
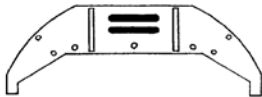

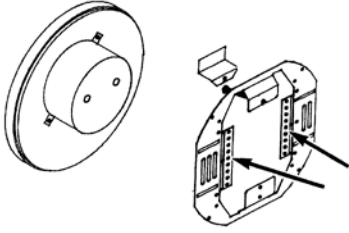
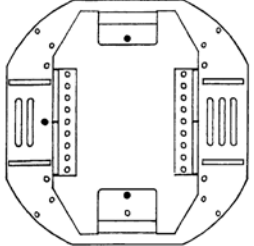

830 Series The combination clock/speaker baffle shall be Atlas Sound Model ____ (830-89A, 830-812A). Unit shall be constructed of 18 gauge CRS and shall incorporate a double-action torsion spring system to hold the front panel in place and to eliminate all visible hardware. Unit shall also include provisions for mounting an 8" diameter loudspeaker Model Series _____. Clock/speaker baffle assembly shall mount a ____ (9", 10", or 12") diameter analog clock manufactured by _____. Baffle assembly shall mount Atlas Sound recessed enclosure Model ____ (194-89 or 194-812) or surface mounting enclosure Model ____ SM194-89 or SM194-812). Panel, speaker grille, and trim ring shall be finished in white epoxy.

840 Series The combination clock/speaker baffle shall be Atlas Sound Model ____ (840-89A, 840-812A). Unit shall include a 22 gauge CRS perforated grille and a one-piece 18 gauge CRS frame. Unit shall also include a subplate to accommodate an 8" diameter loudspeaker Model _____. Clock/speaker baffle assembly shall mount a ____ (9", 10", or 12") dia. analog clock manufactured by _____. Baffle assembly shall mount Atlas Sound recessed enclosure Model ____ (195-89 or 195-812) or surface mounting enclosure Model ____ (SM195-89 or SM195-812). Loudspeaker grille and outside frame shall be finished in textured white epoxy.

Installation Instructions for Universal Clock Hanger Bracket

The universal clock hanger bracket (patent pending) allows mounting of virtually any new as well as most older clocks to Atlas Sound clock/speaker baffles. The factory-installed hanger bracket allows flexible orientation of clock/speaker baffles at time of installation and comes complete with hardware bag equipped with nuts, bolts and stud bolts.

1. Identify the clock bracket style used by the clock manufacturer (typical examples are shown below).
2. Determine portion(s) of the Universal Bracket required to mount the clock. Bracket can be unscrewed and re-oriented to meet individual needs.
3. Determine the proper orientation of the baffle. (vertical or horizontal) Verify mounting holes on the mounting bracket before trimming, if trimming is required.
4. Attach the clock to the clock/speaker baffle.

Clock Bracket Style (Supplied By Clock Manufacturer)	Application 830, 840, Series Clock/Speaker Baffles	Mounting Holes/Slots (For Most Applications)
<p>Stud Type Bracket (Bracket Mounts Through an Attached Bolt Stud)</p> <p>This configuration is typical of clocks by: Cincinnati Edwards Faraday Franklin Standard</p> 	 <p>Breakaway straps available for special applications if needed</p>	
<p>Spade Type Bracket (Bracket Simply Hooks Into a Slot on the Hanger Bracket)</p> <p>This configuration is typical of clocks by: American Time & Signal Dukane Lathem Rauland Simplex</p> 		 <p>Use trimming chart below for cutting if needed</p>
<p>Plate Style Bracket (Bracket Supplied by Clock Maker Bolts Directly to Universal Hanger Bracket)</p> <p>This is typical of clocks by National</p> 		
<p>Strap Hanger Application (Break Away The Hangers From The Side And Bolt For Clock Hanger)</p> <p>This solution works on obscure older models or unique brands.</p> 	<p>Baffle Mounting Holes (Use the correct holes to mount bracket/clock to baffle.)</p> <p>Verify mounting holes before any trimming!</p>	<p>Trimming Locations (use these cutting locations only if needed so that clock hanger mounts correctly to baffle.)</p>