



# Baffle/Enclosure Mounting Guide

This guide will assist you in ordering Atlas Sound baffle/enclosure/mounting ring/tile bridge combinations. On this page, Atlas Sound baffle model numbers appear in numerical/alphabetical order along with the enclosure(s), mounting ring(s), or tile bridge(s) to which the models mount. Atlas Sound enclosure, mounting ring, and tile bridge model numbers are listed with their corresponding baffle(s) on the next page.

## BAFFLES

BAFFLE	MOUNTS		
	MTG. RING	T-BRIDGE	ENCLOSURE
51-4	76-4	81-4	(EZ)96-4 Series, (EZ)96-4X Series
51-8	75-8(E2), 76-8(E2), P77-8, P78-8	81-R(S)	(EZ)95-8 Series, T95-8 Series Q408, CS95-8(NS), BMT95-8(7)
		EQ81****	(EZ)96-8 Series****
60-4	76-4	81-4	(EZ)96-4 Series, (EZ)96-4X Series
60-8(W)	75-8(E2), 76-8(E2), P77-8, P78-8	81-R(S)	(EZ)95-8 Series, T95-8 Series Q408, CS95-8(NS), BMT95-8(7)
		EQ81****	(EZ)96-8 Series****
61-8W	75-8(E2), 76-8(E2), P77-8, P78-8	81-R(S)	(EZ)95-8 Series, T95-8 Series Q408, CS95-8(NS), BMT95-8(7)
		EQ81****	(EZ)96-8 Series****
61-12W	—	—	95-12
62-8 63-8	75-8(E2), 76-8(E2), P77-8, P78-8	81-R(S)	(EZ)95-8 Series, T95-8 Series Q408, CS95-8(NS), BMT95-8(7)
		EQ81****	(EZ)96-8 Series****
161-4	—	—	198-4, SE175-4
161-8	72-BE1	81-8S	198-8 Series, SE175-4
164-8A	71-8(E1)(E2)	81-8S	(SM)191-78 Series, Q418, QS408
164-12A	—	—	Q4412, Q4612, Q4712, Q4812
164-15A	—	—	Q4915
169-8A	73-8(E1)	—	193-8(-6)
170-8A	75-8(E2), 76-8(E2), P77-8, P78-8	81-R(S)	(EZ)95-8 Series, T95-8 Series Q408, CS95-8(NS), BMT95-8(7)
		EQ81****	(EZ)96-8 Series****
410-4 410-8(W)	—	—	(49 octagon E.O. box)
415-8(W) 417-8WD	—	—	(included)
510-4 510-8(W)	—	—	(49 octagon E.O. box)
512-8	—	—	(standard E.O. box)
612-8	—	—	(49 octagon E.O. box)
830-89A	—	—	194-89, SM194-89
830-812A	—	—	194-812, SM194-812
840-89A	—	—	195-89, SM194-812
840-812A	—	—	195-89, SM195-89
DC162-8	—	—	195-812, SM195-812
FA51-4	—	—	191-78
FA170-4 FA720-4 FA730-4	FAPR-4 FA-TR4**	FA81-4*	FA97-4(NK), FA95-4
FA51-6 FA170-6 FA720-6 FA730-6	FAPR-6 FA-TR6**	FA81-6*	FA97-6(NK), FA95-6(NK)
FA51-8 FA170-8 FA720-8 FA730-8	FAPR-8 FA-TR8**	FA81-8*	FA97-8(NK), FA95-8

BAFFLE	MOUNTS		
	MTG. RING	T-BRIDGE	ENCLOSURE
G22-8	—	—	(EZ)95-8 Series, T95-8 Series (EZ)96-8 Series Q408, CS95-8(NS), BMT95-8(7)
L20-100	L20-220, L20-222	—	L20-201
L20-101	—	—	193-8(-6)
M222W	75-8(E2), 76-8(E2), P77-8, P78-8	81-R(S)	(EZ)95-8 Series, T95-8 Series Q408, CS95-8(NS), BMT95-8(7)
		EQ81****	(EZ)96-8 Series****
NC850-89B NC850-812B	—	—	E850
P900	75-8(E2), 76-8(E2), P77-8, P78-8	81-R(S)	(EZ)95-8 Series, T95-8 Series Q408, CS95-8(NS), BMT95-8(7)
		EQ81****	(EZ)96-8 Series****
T51-4***	PR411	FA81-4*	E410(-11), E410-NK, EZE410
T51-84***	—	—	BMT95-4(-7)
T51-8***	T75-8(E1)(E2)	81-8S	T95-8 Series, BMT95-8(-7) EZ95-8
T60-4***	PR411	FA81-4*	E410(-11), E410-NK, EZE410
T60-8(W) T61-8W***	T75-8(E1)(E2)	81-8S	T95-8 Series, BMT95-8(-7) EZ95-8
T62-8***	T75-8(E1)(E2)	81-8S	T95-8 Series, BMT95-8(-7) EZ95-8
T161-8***	—	81-8S	T198-8, T198-8-8, SE175-4
T164-8A***	—	81-8S	T191-78
T610-8W***	T75-8(E1)(E2)	81-8S	T95-8 Series, BMT95-8(-7) EZ95-8
T620-8***	—	81-8S*****	T198-8(-130)*****, SE175-4
T710-4***	PR411	—	E410(-11), E410NK, EZE410
T710-8***	T75-8(E1)(E2)	81-8S	T95-8 Series, BMT95-8(-7), EZ95-8
T720-4***	PR411	FA81-4*	E410(-11), E410NK, EZE410
T7204BT***	PR411	—	(EZ)E410 Series
T720-8A***	T75-8(E1)(E2)	81-8S	T95-8 Series, BMT95-8(-7), EZ95-8
T7304(-B)(-W)***	PR411	FA81-4*	BMT95-4(7), (EZ)E410 Series
VP60-R	75-8(E2) 76-8(E2)	—	(T)95-8 Series, 96-8 Series, CS95-8, Q408
VP161-APF	73-8(E1)	—	SE161-R(R6), 193-8(-6)
VP161-R4 VP161-R8	73-8(E1)	—	19.3-8, SE161-R(R6), 193-8(-6)
VP410-S VP510-B	—	—	(standard E.O. box)
X8409 X8414	—	—	(standard E.O. box)

Notes:  
 \* The FA81-4, FA81-6 & FA81-8 will only support the enclosure. To attach both grille and speaker, a FA enclosure or ring must be purchased.  
 \*\* The FA-TR trim ring is for pre-construction use. It defines the cut-out hole, but provides no attachment points for either speakers or grilles. FA enclosures or plaster rings must be purchased in addition to the FA-TR.  
 \*\*\* NOTE: For proper support, torsion spring grilles should not be used with any loudspeaker/transformer assembly exceeding 5 lbs.  
 \*\*\*\* EQ81 Tile bridge works only with the EQ818-BX, Q408 and 96-8 Series enclosures.  
 \*\*\*\*\* The T620-8 will not accommodate an enclosure when used with the 81-S tile bridge.  
 \*\*\*\*\* The T620-8 will not work with the T198-8 enclosure when used with the 81-S tile bridge.

May be appropriate for indoor/outdoor use provided suitable hardware and gaskets are used.



## ENCLOSURES

MODEL	MOUNTS BAFFLE
95-8(NK)	
95-8NS, 95-8-7, 95-8-10	51-8, 60-8(W), 60-8W, 62-8, 63-8, 170-8A, G22-8, M222W, P900, VP60-R
95-12	61-12W
96-4, 96-4X	51-4, 60-4
96-8(NK), 96-8-7, 96-8-10	51-8, 60-8(W), 60-8W, 62-8, 63-8, 170-8A, G22-8, M222W, P900, VP60-R,
191-78	DC162-8, 164-8A
191-78-8	164-8A
193-8(-6)	169-8, P910, VP161-R4(R8), L20-101
194-89	830-89A
194-812	830-812A
198-4	161-4
198-8(-8)	160-8SWA, 161-8
BMT95-4(-7)	T51-8A, T720-4BT
BMT95-8(-7)	(T)51-8, 60-8(W), 60-8W, 62-8, 63-8, 170-8A, G22-8, M222W, T610-8(W), T710-8, T720-8A, TM222W, P900, VP60-R
CS95-8	51-8, 60-8(W), 60-8W, 62-8, 63-8, 170-8A, G22-8, M222W, P900, VP60-R
E410(NK)(-11)	T51-4, T60-4, T710-4, T720-4(BT), T730 4B(W)
E410NT	DLS4
EZ95-8	51-8, 60-8(W), 60-8W, 62-8, 63-8, 170-8A, G22-8, M222W, P900, T51-8, T60-8, T61-8W, T610-8, T710-8, T720-8A, TM222W
EZ96-4, EZ96-4X	51-4, 60-4
EZ96-8	G22-8, 51-8, 60-8(W), 61-8W, 62-8, 63-8, 170-8A, M222W, P900
EZ195-8	T730-8W

## TILE BRIDGES

MODEL	MOUNTS BAFFLE
81-4	51-4, 60-4
81-8R	51-8, 60-8(W), 60-8W, 62-8, 63-8, 170-8A, G22-8, M222W, P900
81-8S	51-8, T51-8, 60-8(W), T60-8(W), 61-8W, T61-8W, (T)62-8, 63-8, 161-8, T161-8, 164-8A, T164-8A, 169-8, 170-8, M222W, TM222W, T620-8****, T610-8(W), T710-8, T720-8A, P900, P910

MODEL	MOUNTS LOUDSPEAKER ASSEMBLY
EQ81****	EQ 818 Series with EQ818-bx enclosure, 96-8 Series
FA81-4*	FA-4 Series spkr. with FA97-4/FA95-4 encl. or FAPR-4 E410, E410-11
FA81-6*	FA-6 Series spkr. with FA97-6/FA95-6 encl. or FAPR-6
VA81-8*	FA-8 Series spkr. with FA97-8/FA95-8 encl. or FAPR-8

## CHANNEL SUPPORTS

**180 Series.** For application in suspended ceiling installations where adequate support is not available to mount loudspeaker, enclosure and baffle. Furnished with provisions to mount any type of protective enclosure or plaster frame. CRS construction. Galvanized finish.

**186 Series.** Support rails provide quick and efficient installation of protective enclosures, and mounting rings in 16" (406mm) and 24" (610mm) stud ceiling construction. Adjustable slot and sliding basket nut allow a wide range of positioning flexibility to meet your application requirements. 186 Series is ideal for use with 95 and 96 Series enclosures and 75 and 76 Series mounting rings for 8" loudspeakers. Note: series will not accept enclosures and mounting rings for 4" loudspeakers. CRS construction. Galvanized finish.

MODEL	LENGTH
180-2	23¾"(603mm)
180-4	47¾"(1213mm)
180-16	48"(457mm)
186-24	26"(660mm)

MODEL	MOUNTS BAFFLE
EZE410	T51-4, T60-4, T710-4, T720-4(BT), T730-4B(W)
FA95-4 FA97-4(NK)	FA51-4, FA170-4, FA720-4, FA730-4
FA95-6(NK) FA97-6(NK)	FA51-6, FA170-6, FA720-6, FA730-6
FA95-8 FA97-8(NK)	TA51-8, FA170-8, FA720-8, FA730-8
L20-201	L20-100
Q408	51-8, 60-8(W), 60-8W, 62-8, 63-8, 170-8A, G22-8, M222W, P900, VP60-R
Q418	164-8A
Q428-S	(included)
Q4412, Q4612 Q4712, Q4812	164-12A
Q4915	164-15A
QS408 SE161-R(R6)	164-8A VP161-APF, VP161-R4(R8)
SE175-4	(T)161-8, T620-8
SE198-4	161-4
SM191-78 SM19178-8	164-8A
SM194-89	830-89A
SM194-812	830-812A
SM195-812	840-812A
T95-8, T95-8NS T95-8-7, T95-8-10	(T)51-8, 60-8(W), 60-8W, 62-8, 63-8, 170-8A, G22-8, M222W, T610-8(W), T710-8, T720-8A, TM222W, P900, VP60-R
T191-78	T164-8A
T195-8(NK)	T730-8(-B)(-W)
T198-8	T161-8, T620-8*****

## MOUNTING RINGS AND FRAMES

MODEL	MOUNTS BAFFLE
72-8E1	160-8SWA, 161-8
75-8(E2)	51-8, 60-8(W), 61-8W, 62-8, 63-8, 170-8, M222W, P900, VP60-R
76-4	51-4, 60-4
76-8(E2)	51-8, 60-8(W), 61-8W, 62-8, 63-8, 170-8, M222W, P900, VP60-R
FAPR-4 FA-TR4**	FA51-4, FA170-4, FA720-4, FA730-4
FAPR-6 FA-TR6**	FA51-6, FA170-6, FA720-6, FA730-6
FAPR-8 FA-TR8**	FA51-8, FA170-8, FA720-8, FA730-8
L20-220	L20-100
L20-222	L20-100
P77-8 P78-8	51-8, 60-8(W), 61-8W, 62-8, 63-8, 170-8, M222W, P900
PR411	T51-4, T710-4, T720-4(BT), T730-4W(B)
T75-8(E1)(E2)	51-8, 60-8(W), 61-8W, 62-8, 63-8, 170-8, M222W, P900

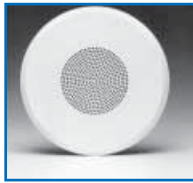
### Notes:

- \* The FA81-4, FA81-6 & FA81-8 will only support the enclosure. To attach both grille and speaker, a FA enclosure or ring must be purchased.
- \*\* The FA-TR trim ring is for pre-construction use. It defines the cut-out hole, but provides no attachment points for either speakers or grilles. FA enclosures or plaster rings must be purchased in addition to the FA-TR.
- \*\*\* NOTE: For proper support, torsion spring grilles should not be used with any loudspeaker/transformer assembly exceeding 5 lbs.
- \*\*\*\* EQ81 Tile bridge works only with the EQ818-BX, Q408 and 96-8 Series enclosures.
- \*\*\*\*\* The T620-8 will not accommodate an enclosure when used with the 81-S tile bridge.
- \*\*\*\*\* The T620-8 will not work with the T198-8 enclosure when used with the 81-S tile bridge.

THREE



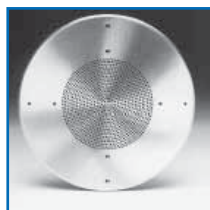
# Round Recessed Baffles for 4" and 8" Loudspeakers



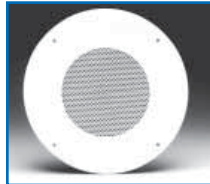
T51-84



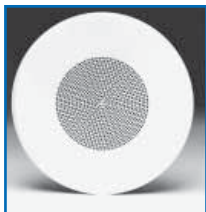
51-8



60-8A



61-8W



T62-8

## ECONOMICAL STEEL BAFFLES

**51 Series.** This industry favorite is an aesthetically pleasing and cost-efficient baffle available in standard screw-mount or labor-saving torsion-spring (T) versions. Models for 4" loudspeakers include welded mounting studs. One-piece CRS construction. Textured white epoxy finish.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MOUNTING RINGS	
★ 51-4	4" (102mm)	7½" (187mm)	¼" (6mm)	(EZ)96-4 Series (EZ)96-4X Series	76-4, 81-4
T51-4*	4" (102mm)	7½" (187mm)	¼" (6mm)	(EZ)E410 Series	PR411
T51-84*	4" (102mm)	8½" (216mm)	⅜" (5mm)	BMT95-4(-7)	—
★ 51-8	8" (203mm)	12¼" (324mm)	¼" (6mm)	(EZ)95-8 Series, T95-8 Series, (EZ)96-8 Series**, BMT95-8(7), Q408, CS95-8(NS)	75-8(E2), 76-8(E2), P77-8, P78-8, 81-8(S), EQ81**
★ T51-8	8" (203mm)	12¼" (324mm)	¼" (6mm)	T95-8(NS)(NK), BMT95-8(-7) EZ95-8	T75-8(E1)(E2) 81-8S

\* Model includes provisions to accommodate ceiling thicknesses up to 2" deep.

\*\* EQ81 tile bridge works only with 96-8 Series enclosure.

## ALUMINUM BAFFLES

**60 Series.** Popular series is available in standard screw-mount or torsion-spring (T) versions where noted. One-piece construction. Available in choice of beautiful, satin aluminum finish or textured white (W) where noted.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MOUNTING RINGS	
★ 60-8A(W)	8" (203mm)	12¼" (324mm)	¼" (6mm)	(EZ)96-8 Series, T95-8 Series, (EZ)96-8 Series*, Q408, CS95-8(NS), BMT95-8(7)	75-8(E2), 76-8(E2), P77-8, P78-8, 81-8R(S), EQ81*

\* EQ81 tile bridge works only with the 96-8 Series enclosure.

## DECORATIVE STEEL BAFFLES

**61 Series.** Attractive baffle includes concealed loudspeaker mounting studs for clean appearance and ease in loudspeaker attachment. Available in standard screw-mount and torsion-spring (T) versions where noted. Two-piece welded CRS construction. Available in textured white epoxy.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MOUNTING RINGS	
★ 61-8W	8" (203mm)	12¼" (324mm)	¼" (6mm)	(EZ)96-8 Series, T95-8 Series, (EZ)96-8 Series*, Q408, CS95-8(NS), BMT95-8(7)	75-8(E2), 76-8(E2), P77-8, P78-8, 81-8R(S), EQ81*
★ T61-8W	8" (203mm)	12¼" (324mm)	¼" (6mm)	EZ95-8 Series, T95-8(NS)(NK), BMT95-8(7)	T75-8(E1)(E2), 81-8S
61-12W	12" (305mm)	17¼" (438mm)	¼" (6mm)	95-12	—

\* EQ81 tile bridge works only with the 96-8 Series enclosure.

## GENERAL PURPOSE STEEL BAFFLES

**62-8 Series.** This versatile design is popular for a wide variety of applications. Model 62-8 utilizes standard screw-mount installation. Model T62-8 features torsion spring installation for a hardware-free appearance. Both have concealed loudspeaker mounting studs. One-piece CRS construction. Textured white epoxy finish.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MOUNTING RINGS	
★ 62-8	8" (203mm)	12¼" (324mm)	¼" (6mm)	(EZ)96-8 Series, T95-8 Series, (EZ)96-8 Series*, Q408, CS95-8(NS), BMT95-8(7)	75-8(E2), 76-8(E2), P77-8, P78-8, 81-8R(S), EQ81*
T62-8	8" (203mm)	12¼" (324mm)	¼" (6mm)	EZ95-8 Series, T95-8(NS)(NK), BMT95-8(7)	T75-8(E1)(E2), 81-8S

\* EQ81 tile bridge works only with the 96-8 Series enclosure.

★ LISTED UL 1480 Listed.



## PLASTIC RECESSED CEILING BAFFLES

**P Series.** Acoustical louver design provides maximum sound transmission and dispersion. Features standard screw-mount installation with concealed loudspeaker mounting. Molded from high-impact polystyrene plastic. Color is ceiling white.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MOUNTING RINGS	
P900	8" (203mm)	12¼" (324mm)	¾" (10mm)	(EZ)95-8 Series, T95-8 Series, (EZ)96-8 Series*, BMT95-8(-7), Q408, CS95-8(NS)	75-8(E2), 76-8(E2), P77-8, P78-8, 81-8R(S), EQ81*

\* E081 tile bridge works only with the 96-8 Series enclosures.

## CONTOURED ALUMINUM BAFFLES

**M222W Series.** Popular baffle is available in standard screw-mount or torsion-spring (T) versions. One-piece aluminum construction. Finished in textured white (W) as noted.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MOUNTING RINGS	
M222W	8" (203mm)	12¼" (324mm)	¾" (10mm)	(EZ)95-8 Series, T95-8 Series, (EZ)96-8 Series*, BMT95-8(-7), Q408, CS95-8(NS)	75-8(E2), 76-8(E2), P77-8, P78-8, 81-8R(S), EQ81*

\* E081 tile bridge works only with the 96-8 Series enclosures.

## PERFORATED CONCEALED MOUNTING BAFFLES

**T710 Series.** All-perforated screen grille assumes an inconspicuous appearance in recessed ceiling applications. Features torsion-spring mounting and concealed loudspeaker mounting studs. Manufactured from CRS and finished in textured white epoxy.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MOUNTING RINGS	
T710-4	4" (102mm)	7¾" (187mm)	½" (2mm)	E410 Series, EZE410	PR411
T710-8	8" (203mm)	12¾" (327mm)	¾" (10mm)	T95-8 Series, BMT95-8(-7), EZ95-8	T75-8(E1)(E2), 81-8S

★

★  LISTED UL 1480 Listed.



P900



M222W



T710-8

**THREE**



T720-4BT



T720-8A

## SCULPTURED CONCEALED MOUNTING BAFFLES

**T720-4 Series.** High-quality grille with contoured trim ring and fine perforation pattern coordinates with lighting fixture trims to provide a clean and contemporary appearance for 4" loudspeakers. Models have provisions to accommodate ceiling thicknesses up to 2" deep. All models also feature a flush perforated center section, torsion springs, and concealed loudspeaker mounting studs. Welded CRS assemblies are finished in textured white. (Model T720-4BT was formerly Engr. Special M4551-4BT.)

**T720-8A.** Attractive baffle mounts 8" loudspeakers and offers all of the features of the T720-4 Series described above with the addition of two separate deep-ceiling, torsion-spring brackets to accommodate varying ceiling depths up to 2".

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MOUNTING RINGS	
T720-4	4" (102mm)	7 7/8" (187mm)	3/16" (14mm)	(EZ)410 Series	PR411
T720-4BT		8 1/2" (216mm)		(EZ)410 Series, BMT95-8(-7)	
T720-8A	8" (203mm)	12" (305mm)	3/16" (14mm)	T95-8 Series, EZ95-8, BMT95-8(-7)	T75-8(E1)(E2), 81-8S

## CONCEALED MOUNTING BAFFLES WITH REGRESSED STEPS

**T730 Series.** Superb design features interior regressed steps to simulate recessed lighting fixtures. Torsion spring installation and concealed loudspeaker mounting studs eliminate all visible hardware. Welded CRS construction prevents vibration. Two-tone finish is matte white on the outer trim and black on the interior. T730-4 Series is 1 1/4" (27mm) deep.

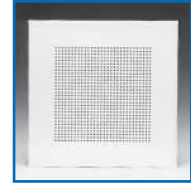
MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MOUNTING RINGS	
T730-4B	4" (102mm)	7 7/8" (187mm)	1/8" (3mm)	BMT95-4(-7)	PR-411



## CONTEMPORARY WALL OR CEILING BAFFLES

**161 Series.** Handsome design and concealed loudspeaker mounting studs present this baffle as an ideal choice for most office interiors. Available in standard screw-mount and torsion-spring (T) versions. Construction is one-piece CRS and includes no leak gasket. Finish is textured white epoxy.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MNTG RINGS	
★ 161-4	4" (102mm)	7" SQ. (178mm)	5/32" (4mm)	198-4, SE198-4	—
★ 161-8	8" (203mm)	11 1/2" (292mm)	1/4" (6mm)	198-4, SE198-4	72-8E1, 81-8S
★ T161-8	8" (203mm)	11 1/2" (292mm)	1/4" (6mm)	T198-8(-8), SE175-4	T72-8, T72-8E1, T72-8E2, 81-8S

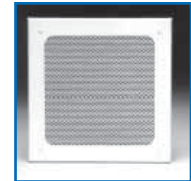


T161-8

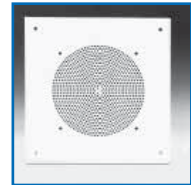
## DELUXE STEEL BAFFLES

**164 Series.** Beveled-edge trim square features a large protective screen with separate loudspeaker mounting plate for extended "no leak" bass response. Available in standard screw-mount and torsion-spring (T) versions. Two-piece CRS construction. Textured white epoxy finish model 164-12A. Also available in black (-052).

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MNTG RINGS	
164-8A	8" (203mm)	12 5/8" SQ. (178mm)	1/2" (13mm)	191-78 Series, SM191-78 Series, Q418, Q438, Q458, QS408	71-8E1, 71-8E2, 81-8S
T164-8A	8" (203mm)	12 5/8" SQ. (178mm)	1/2" (13mm)	T191-78	81-8S
164-12A	12" (305mm)	16" SQ. (321mm)	1/2" (13mm)	Q4412, Q4612, 4712, 4812	—
164-15A	15" (381mm)	20 1/2" (510mm)	1/2" (13mm)	Q4915	—



164-8A



169-8

## ECONOMICAL WALL OR CEILING BAFFLE

**169-8.** Cost-efficient, beveled-edge trim square features round protective screen, standard screw-mount installation and direct loudspeaker mounting. One-piece CRS construction. Finished in textured white epoxy.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MNTG RINGS	
★ 169-8	8" (203mm)	10 1/2" SQ. (267mm)	1/8" (2mm)	193-8, 193-8-6	73-8, 73-8E1, 81-8S

## PERFORATED BAFFLE

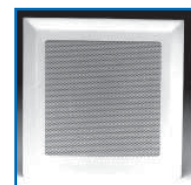
**170-8A.** Popular design features a die-formed frame with shallow bevel and perforated screen. Separate loudspeaker mounting plate provides extended "no leak" bass response. Baffle is standard screw-mount installation with concealed loudspeaker mounting studs. Two-piece CRS construction. Finished in textured white epoxy.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MNTG RINGS	
170-8A	8" (203mm)	13 1/2" SQ. (267mm)	1/16" (2mm)	(EZ)95-8 Series, T95-8 Series, BMT95-8, Q408, CS95-8(NS)	75-8E2, 76-8E2, P77-8, P78-8, 81-98R(S)
				(EZ)96-8 Series*	EQ81*

\* EQ81 tile bridge works only with the 96-8 Series enclosures.



170-8A



T620-8

## DELUXE CONCEALED MOUNTING BAFFLE

**T620-8.** Architecturally pleasing baffle features a torsion-mount beveled frame with square protective screen and separate stud-mounting loudspeaker plate. Two-piece welded CRS construction. Finished in textured white.

MODEL	SPEAKER	DIAMETER	PROJECTS	ENCLOSURES OR MNTG RINGS	
T620-8	8" (203mm)	11 1/8" SQ. (295mm)	5/16" (8mm)	T198-8, T198-8-5, T198-8-8, SE175-4	T72-8, T72-8E1, T72-8E2, 81-8S

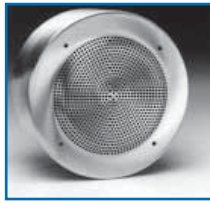
★ LISTED UL 1480 Listed.

THREE





## Surface Baffle/Enclosures



410-8



417-8WD



510-8

### COMPACT ALUMINUM BAFFLES FOR WALL OR CEILING USE

**410 Series.** Ideal for unidirectional applications where mounting space is limited. Baffle mounts easily to wall, ceiling or 4" (102mm) octagon E.O. box (by others). Manufactured of aluminum, undercoated and patch-jute lined. Finished in satin aluminum or textured white (W) where noted.

MODEL	SPEAKER	DIAMETER	PROJECTS
410-4	4" (102mm)	6" (152mm)	4½" (114mm)
410-8(W)	8" (203mm)	9⅞" (237mm)	4⅞" (122mm)

### WOOD SLOPE-FRONT BAFFLE/ENCLOSURES

**417-8WD.** These wood slope-front baffles are ideal for installations that require the aesthetics of classic enclosure design, particularly classrooms, offices, reception areas, and retail outlets. Offered for use with 8" loudspeakers and features a baffle/enclosure with walnut grain laminate, black fabric grille, and a 9.5° slope for directional sound dispersion.

MODEL	SPEAKER	WIDTH	HEIGHT	PROJECTS		FINISH
				TOP	BOTTOM	
417-8WD	8" (203mm)	9½" (242mm)	10½" (267mm)	5½" (140mm)	3¾" (95mm)	Walnut Grain Vinyl

### CYLINDRICAL BI-DIRECTIONAL BAFFLE/ENCLOSURES

**510 Series.** Attractive enclosure with two spun grilles is designed to mount a single 4" or 8" loudspeaker for wall or ceiling installations where bi-directional sound dispersion is desired. Aluminum construction is patch-jute lined and undercoated to prevent mechanical and acoustic resonance. Mounts to a 4" (102mm) octagon E.O. box (by others). Finished in satin brushed aluminum or textured white (W).

MODEL	SPEAKER	DIAMETER	DEEP	PROJECTS
510-4	4" (102mm)	6" (152mm)	4¾" (121mm)	6⅞" (162mm)
★ 510-8(W)	8" (203mm)	9⅞" (237mm)	5¼" (133mm)	10" (254mm)



## Square Baffle/Enclosure



612-8

### DELUXE CORRIDOR BAFFLE/ENCLOSURE WITH CANOPY

**612-8.** Handsome design of this square enclosure includes two flush grilles and a cast mounting canopy. Model mounts a single 8" loudspeaker is are ideal for corridor applications in commercial, professional and institutional applications where aesthetics are a primary concern. Two-piece canopy accommodates a standard 4" (102mm) octagon E.O. box (by others). Construction is heavy-gauge CRS finished in textured white with contrasting black mounting canopy.

MODEL	SPEAKER	WIDE	DEEP	PROJECTS
★ 612-8	8" (203mm)	11⅞" (295mm) SQ.	4½" (114mm)	12⅞" (327mm)

★ LISTED UL 1480 Listed.



## RECESSED CIRCULAR BAFFLE

**VP60-R.** Ruggedly constructed baffle assembly provides tamperproof protection for 8" cone loudspeakers or APF Series re-entrant horns by means of adapter plate Model FAMT-6 (order separately). Trim ring is cast from self-aging aluminum alloy with a tensile strength of 44,000 P.S.I. Loudspeaker grille is stainless steel woven wire mesh reinforced by a perforated CRS loudspeaker adapter. Tamperproof screws are manufactured of a special heat-treated alloy and mount in countersunk holes for added security (special wrench included). Finished in satin aluminum with a clear lacquer coating.

MODEL	SPEAKER	DIMENSIONS	ENCLOSURES OR MOUNTING RINGS	
★ VP60-R	8" (203mm) APF-15(T), APF-15TU(C)	12½" (324mm) Dia. x 1" (25mm) D.	(T)95-8 Series, 96-8 Series, CS95-8, Q408	75-8(E2), 76-8(E2)

\* Accepts optional horn adapter plate Model FAMT-6 (order separately).

## RECESSED OR SURFACE-MOUNT SQUARE BAFFLES

**VP161 Series.** Versatile series features security for a variety of cone and re-entrant horn loudspeaker types and sizes. Manufactured from special self-aging aluminum alloy with a tensile strength of 44,000 P.S.I. loudspeaker grille is reinforced with a perforated CRS stud-mounting plate. Baffle installs with special heat-treated alloy screws which are countersunk to enhance security (special wrench provided). Finished in textured white epoxy. Baffles may be flush or surface-mounted using noted enclosures.

MODEL	SPEAKER	DIMENSIONS	ENCLOSURES OR MOUNTING RINGS	
VP161A-R4	4" (102mm)	10½" SQ. (273mm) x ¾" Proj. (19mm)	193-8, 193-8-6	73-8, 73-8E1
VP161A-R8*	8" (203mm)		SE161-R(6)	
VP161A-APF	APF-15, APF-15T, APF-15TU, APF-15TUC		193-8-6, SE161-R(6) SE161-R6, 193-8-6	

\* Accepts optional horn adapter plate Model FAMT-6 (order separately).

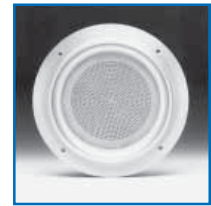
## UNI- AND BI-DIRECTIONAL BAFFLE/ENCLOSURES

**VP410-S/VP510-B.** Welded cylindrical baffles of sturdy construction provide security against vandalism for 8" cone loudspeakers. Model VP410-S is a flush mount unidirectional baffle/enclosure that can be used with 8" cone loudspeakers and APF Series re-entrant horns by means of adapter plate Model FAMT-6 (order separately). Model VP510-B is identical to the VP410-S, except that it includes an attractive canopy mount designed for bi-directional sound dispersion. Housings are spun .090 tempered aluminum plate. Loudspeaker grille is cast from special self-aging aluminum alloy with a tensile strength of 44,000 P.S.I. Grille is reinforced with a stainless steel wire mesh screen spun over a CRS subplate. Housing and grille are assembled using flush-mount heat-treated alloy screws. Models mount to standard E.O. boxes (not included), however, Model VP410-S installs via keyhole slots on the rear of the housing or may be flush mounted with anchors to ceiling or wall. Model VP510-B installs using a heavy cast aluminum canopy for ceiling or wall installations. Baffle and housing are finished in satin aluminum with a clear lacquer coating. Canopy (of VP510-B) is finished in black epoxy. (Note: Model VP510-B not intended for use with re-entrant horns.)

MODEL	SPEAKER	DIMENSIONS	MOUNTS
★ VP410-S	8" (203mm)	10" (255mm) Dia. x 7" (179mm) D.	E.O. box*
VP510-B	8" (203mm)	10" (255mm) Dia. x 8" (203mm) D. x 11" (279mm) Proj.	E.O. box*

\* 4" octagon style E.O. Box.

★  LISTED UL 1480 Listed.



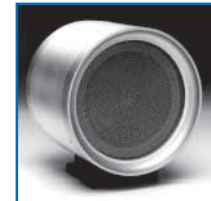
VP60-R



VP161A-R8



VP410-S



VP510-B

THREE

## Re-Entrant Horn Adapter Plate



**FAMT-6.** Specially designed plate retrofits vandal-proof baffles to accept APF Series re-entrant horns. It is also a general-purpose mounting ring/adapter for retrofit applications which allows a 6" cone or horn loudspeaker to mount an 8" enclosure and/or baffle. (Model FAMT-6 replaces VPA-APF.)

MODEL	RETROFITS BAFFLE MODEL	MOUNTS HORN MODEL
FAMT-6	VP60-R, VP410-S, VP161-R8	APF-15(T), APF-15TUC



FAMT-6



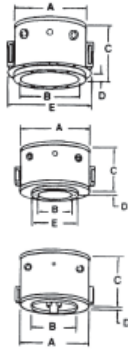


EZ95-8

## General Description

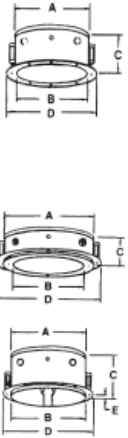
Time and labor-saving enclosure system (Patent #4, #484, #658) for 4" and 8" loudspeakers installs quickly and efficiently. Enclosures have premounted brackets and install easily with screws to support rails provided. No costly tile bridge is necessary. Welded CRS enclosures are undercoated and finished in textured black epoxy. Support rails are CRS and finished in a galvanized coating.

## EZ MOUNT ENCLOSURES FOR 4" LOUDSPEAKERS



MODEL	DIMENSIONS					MOUNTS BAFFLE MODEL*
	A	B	C	D	E	
EZ96-4	6¼" (159mm)	5½" (130mm)	4¼" (108mm)	½" (13mm)	7¼" (181mm)	51-4, 60-4
EZ96-4X	10⅞" (257mm)	5½" (130mm)	6" (152mm)	½" (13mm)	6¼" (159mm)	51-4, 60-4
EZE410	10⅞" (257mm)	6⅞" (162mm)	6" (152mm)	½" (13mm)	—	T51-4, T60-4, T710-4,

## EZ MOUNT ENCLOSURES FOR 8" LOUDSPEAKERS



MODEL	DIMENSIONS					MOUNTS BAFFLE MODEL*
	A	B	C	D	E	
EZ95-8	10⅞" (257mm)	9⅞" (251mm)	4¼" (108mm)	11¼" (298mm)	—	G22-8, 51-8, 60-8(W), 61-8W, 62-8, 63-8, 170-8, M222W, P900, T51-8, T61-8W, T610-8, T710-8, T720-8A, TM222W
EZ96-8	11⅝" (303mm)	10¼" (273mm)	4¼" (108mm)	13½" (343mm)	—	G22-8, 51-8, 60-8(W), 61-8W, 62-8, 63-8, 170-8, M222W, P900
EZ195-8	10" (254mm)	10⅞" (257mm)	5½" (140mm)	11¼" (298mm)	⅞" (18mm)	T730-8B(8W)

MOUNTING RAIL INFORMATION	
ENCLOSURE MODEL	MTG. RAIL LENGTH
EZ95-8	23¾" (603mm)
All models except EZ95-8	26" (660mm)

\*Baffles with a "T" prefix indicate torsion spring mounting.



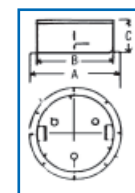
## BLIND-MOUNT ENCLOSURES FOR 4" & 8" LOUDSPEAKERS

**BMT Series.** Unique enclosure system (U.S. Patent #4, #673, #149) provides easy and cost-effective loudspeaker installation in hard-to-access ceilings, including drywall. Models are equipped with unique mounting ears that telescope out from the enclosure interior and adjust vertically to accommodate ceilings with a thickness of 1/2" (13mm) to 3/8" (35mm). Construction is CRS with torsion spring receptacles and three 1/2" (13mm) conduit knockouts in the enclosure top. J-Nuts are included on the return of the enclosure to accommodate surface-mounting grilles. Standard depth Models BMT95-8 and BMT95-4 include sound dampening material to minimize metallic resonance. Extra depth Models BMT95-8-7 and BMT95-4-7 feature high-density, acoustic batting.

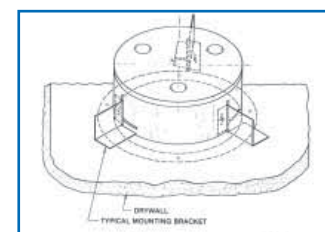
MODEL	DIMENSIONS			MOUNTS BAFFLE MODEL*
	A	B	C	
BMT95-8	11 1/4" (298mm)	10 1/2" (257mm)	4 1/4" (108mm)	(T)581-8, 60-8(W), (T)61-8W, (T)62-8, 63-8, 170-8, G22-8, T610-8W, T710-8, T720-8A, M222W, TM222W, P900, VP60-R
BMT95-8-7			7" (178mm)	
BMT95-4	7 1/8" (200mm)	6 1/2" (165mm)	5" (127mm)	T51-84, T720-4BT
BMT95-4-7			7" (178mm)	



BMT95-8



BMT95-4



BMT Series

THREE

# Enclosure for Extended Loudspeaker Performance



## EXTRA-DEPTH BACKBOXES FOR 8" LOUDSPEAKERS

Achieve improved low-frequency performance of 8" commercial and professional loudspeakers with Atlas Sound extra-depth enclosures. Increased volume extends bass response by allowing additional acoustic loading for cost-effective application wherever enhanced audio quality is desired. Enclosures are undercoated and lined with 1 1/2" (38mm) thick high density fiberglass (1 1/2 lbs per cu ft) to prevent metallic resonance in the high end of the frequency spectrum. Selection includes industry-standard 95 Series in screw-mount and torsion spring (T) versions, popular 96 Series with internal mounting holes on the flange for installation convenience in acoustic tile ceilings and Model 191-78-8 with adjustable mounting bracket for installation flexibility in a variety of ceiling types and depths. All enclosures are heavy-gauge CRS furnished with combination conduit knockouts. Recessed models are finished in textured black epoxy. Surface model is finished in textured white epoxy.

MODEL	DIMENSIONS	STYLE	CU. FT.
★ (T)95-8-7	7"D x 11 1/4" Dia. (178 x 298mm)	Recessed	.306 ft. <sup>3</sup>
★ (T)95-8-10	7"D x 11 1/4" Dia. (178 x 298mm)		.438 ft. <sup>3</sup>
★ 96-8-7	7"D x 11 1/8" Dia. (178 x 302mm)		.449 ft. <sup>3</sup>
★ 96-8-10	10"D x 11 1/8" Dia. (254 x 302mm)		.641 ft. <sup>3</sup>
★ 198-8-8	8"D x 10 3/8" SQ. (203 x 270mm)		.492 ft. <sup>3</sup>
★ 191-78-8	8"D x 11 1/8" SQ. (203 x 297mm)		.632 ft. <sup>3</sup>
★ SM191-78-8	8"D x 12 1/4" SQ. (203 x 324mm)	Surface	.753 ft. <sup>3</sup>

★ LISTED UL 1480 Listed.



95-8-10



96-8-7



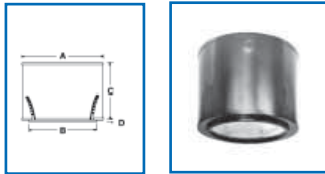
191-78-8



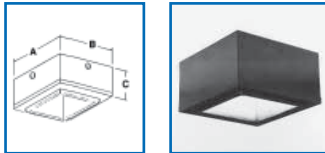
198-8-8



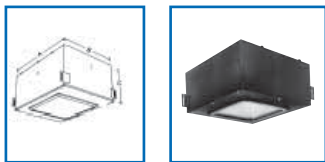
SM191-78-8



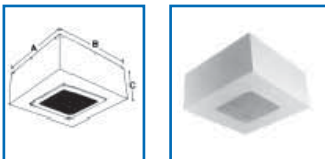
Q408



QS408



Q418



Q428SA



QR30



QPLATE40  
(shown in Q4612)

## Q SERIES ENCLOSURES

**General Information:** Q Series assembly matches the acoustical characteristics of 3/4" (19mm) plywood, while providing the structural, economic, and code regulation benefits afforded by metal enclosures. Construction is 18-gauge CRS with formed strengthening ribs on the enclosure back. Acoustic fiberboard is permanently affixed to the inner wall surfaces of all square enclosures to eliminate hangover and vibration (cylindrical enclosures utilize undercoating). Inner walls are also lined with 1 1/2" (38mm) thick fiberglass having a 1 1/2 lb./cu. ft. density to control unwanted resonances in the high end of the frequency spectrum. Compound 1/2"-3/4" (13-19mm) conduit knockouts are furnished on all four sides to facilitate wiring. Enclosures are finished in black textured epoxy (Q428-SA is white epoxy). Note: Recessed enclosures with a cubic content greater than 1 cu. ft. may require optional QR Series mounting angles.

## RECESSED CYLINDRICAL ENCLOSURE WITH UNDERCOATING

MODEL	SPEAKER	CU. FT.	A	B	C	D	MOUNTS TO
★ Q408	8" (203mm)	1 (0.28m <sup>3</sup> )	14 3/4" (365mm)	12" (305mm)	10 1/2" (267mm)	3/8" (10mm)	51-8, 60-8(W), 61-8(W), 62-8, 63-8, 170-8A, G22-8, M222W, P900, VP60-R

## RECESSED ENCLOSURES WITH 1/2" FIBER BOARD

MODEL	SPEAKER	CU. FT.	A	B	C	MOUNTS TO
QS408	8" (203mm)	1 (0.28m <sup>3</sup> )	15" (381mm)	15" (381mm)	8" (203mm)	164-8A
★ Q418	8" (203mm)	1 1/2 (0.28m <sup>3</sup> )	18" (457mm)	18" (457mm)	8" (203mm)	164-8A
Q4412	12" (305mm)	2 (0.56m <sup>3</sup> )	23" (584mm)	18" (457mm)	8" (203mm)	164-12A
Q4612	12" (305mm)	3 (0.84m <sup>3</sup> )	23" (584mm)	18" (457mm)	12" (305mm)	164-12A

## RECESSED ENCLOSURES WITH 1" FIBER BOARD

MODEL	SPEAKER	CU. FT.	A	B	C	MOUNTS TO
Q4712	12" (305mm)	4 (0.113m <sup>3</sup> )	23" (584mm)	18" (457mm)	16 1/4" (203mm)	164-12A
Q4812	12" (305mm)	6 (0.169m <sup>3</sup> )	29 1/2" (749mm)	23" (584mm)	15" (381mm)	164-12A
Q4915	15" (381mm)	6 (0.169m <sup>3</sup> )	29 1/2" (749mm)	23" (584mm)	15" (381mm)	164-15A

## SURFACE ENCLOSURE WITH PREMOUNTED CRS BAFFLE

**Q428-SA.** Convenient assembly is 1 1/2 cu. ft. with 1/2" thick fiber board. Package includes above specifications and premounted baffle (included) is recessed into the enclosure for flush appearance. Back plate is removable for installation ease. Finish is textured white epoxy.

MODEL	SPEAKER	CU. FT.	A	B	C
Q428-SA	8" (203mm)	1 1/2 (0.42m <sup>3</sup> )	18" (457mm)	18" (457mm)	8 1/2" (216mm)

## MOUNTING ANGLES

**QR30.** Optional angles are recommended for Q Series enclosures with a cubic content greater than 1 cu. ft. 16-gauge CRS construction. Angles are 30"L (762 mm) and finished in black baked epoxy (1 pr.).

## "Q" PLATES

Atlas Sound Q Plates allow 8" speakers to be mounted in enclosure models 4612, Q4712 and Q4812 with 20 or 40 degree offset angle to compensate for angled ceilings.

**QPLATE20** 20° offset plate mounts 8" speakers

**QPLATE40** 40° offset plate mounts 8" speakers

★ UL 1480 Listed.

★★ UL 2043 Listed.



## EXTRA-DEPTH ENCLOSURE FOR 4" LOUDSPEAKERS\*\*

**96-4X Series.** Providing improved low-end performance for 4" loudspeakers. Model 96-4X has a volume of ¼ cu. ft. (.007m<sup>3</sup>). They are similar to Series 96-4 with increased width and depth. Constructed of CRS, undercoated, and finished in textured black epoxy.

MODEL	A	B	C	D
★ 96-4X	10" (254mm)	6¼" (159mm)	6" (152mm)	½" (13mm)

## ECONOMICAL ENCLOSURE FOR 8" & 12" LOUDSPEAKERS\*\*

**95 Series.** Versatile, industry-standard enclosures are available in many configurations to meet installation and application requirements. Original Models 95-8 and 95-12 are furnished with four compound conduit knockouts each, flexible perforated straps and 8-32 J-Clips. Models with (T) prefix are also equipped with torsion-spring receptacles. Models with (NS) suffix have no mounting straps—those with (NK) suffix have no knockouts. Assemblies are CRS with textured black epoxy finish and patch-jute lining. NOTE: Model T95-8 is not UL Listed

MODEL	A	B	C	D
★ (T)95-8	10⅞" (257mm)	11¼" (286mm)	4¼" (108mm)	11⅞" (2998mm)
95-12	14⅞" (360mm)	15½" (394mm)	7" (178mm)	16⅞" (421mm)
95-12-12	14⅞" (360mm)	15½" (394mm)	12" (178mm)	16⅞" (421mm)

## STACKABLE ENCLOSURES\*\*

**CS95 Series.** Ideal for contractors with limited storage facilities, this conically shaped enclosure nests to achieve reduced inventory space requirements and transportation costs. Furnished with four combination conduit knockouts ½"-¾" (13-19mm), flexible perforated strap, and four J-clips. One-piece CRS construction, undercoated, patch-jute lined and finished in textured epoxy. (Note: Enclosure is not designed to mount loudspeakers with pre-mounted line transformer models HT167 and HT327).

MODEL	A	B	C	D
★ CS95-8	9¾" (249mm)	11¼" (286mm)	11¼" (298mm)	4¼" (108mm)

## ENCLOSURE WITH INTERNAL MOUNTING HOLES\*\*

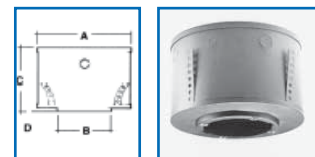
**96-8 Series.** Popular enclosure is designed with mounting holes located on the internal flange of the enclosure to provide installation ease and convenience in acoustic tile ceiling applications. Furnished with four compound conduit knockouts and extended plaster flange. Constructed of CRS, undercoated and finished in textured black epoxy. Model with (NK) suffix has no knockouts. For extra depth Models 96-8-7 and 96-8-10 with acoustic fiberglass, refer to "Enclosures for Extended Loudspeaker Performance," this section, page 39.

MODEL	A	B	C	D	E
★ 96-8(NK)	11⅞" (302mm)	10¾" (273mm)	4¼" (298mm)	11⅞" (298mm)	13½" (343mm)

## TORSION-SPRING ENCLOSURE\*\*

**T195-8 Series.** Enclosures are specifically designed to mount with quality torsion-spring grille Models T730-8B(8G). Model T195-8 is furnished with four compound conduit knockouts; Units are CRS with undercoating, patch-jute lining, and textured black epoxy finish.

MODEL	A	B	C	D
★ T195-8	10⅞" (257mm)	10⅞" (257mm)	6⅞" (156mm)	11¼" (298mm)



96-4X

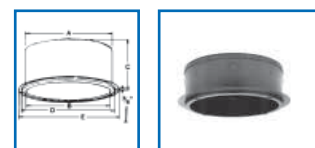


95-8



CS95-8 (stacked)

CS95-8



96-8



T195-8

THREE



## TORSION SPRING ENCLOSURES FOR 4" LOUDSPEAKERS\*

**E410 Series.** Enclosures mount 4" loudspeakers and accept a variety of torsion-spring grilles. Model E410 is ¼ cu. ft. (.007m<sup>3</sup>) enclosure. Model E410-11 is an extra-depth [½ cu. ft. (.014m<sup>3</sup>)] version of the E410. All versions are constructed of CRS, undercoated, equipped with torsion spring receptacles, and finished in textured black epoxy. Models with (NK) suffix have no conduit knockouts. Use model FA81-4 tile bridge or 180 series rails for suspended ceiling applications.

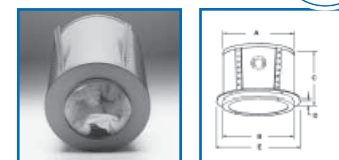
MODEL	A	B	C	D
★ E410(NK)	10⅞" (257mm)	6⅞" (162mm)	6½" (165mm)	½" (13mm)
E410-11	10⅞" (257mm)	6⅞" (162mm)	11" (279mm)	½" (13mm)

## ECONOMICAL COMPACT ENCLOSURE FOR 4" LOUDSPEAKERS

**96-4 Series.** Cost-effective enclosure for 4" (102mm) loudspeakers are designed to screw-mount baffle Models 51-4 and 60-4. Model 96-4 is equipped with compound conduit knockouts.

MODEL	A	B	C	D	E
★ 96-4*	6⅞" (159mm)	6⅞" (159mm)	4¼" (108mm)	½" (13mm)	7⅞" (181mm)

\*Reference Baffle/Enclosure Mounting Guide for list of compatible grilles.



E410-11



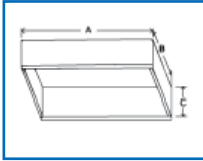
96-4



## Rectangular Enclosures



198-8



### ECONOMICAL ENCLOSURE\*\*

**193 Series.** Cost-efficient enclosure is provided in two depths and furnished with four compound conduit knockouts for standard screw-mount baffle installation. Construction is CRS, undercoated and finished in black epoxy.

MODEL	A	B	C
★ 193-8	9 <sup>1</sup> / <sub>8</sub> " (243mm)	9 <sup>1</sup> / <sub>8</sub> " (243mm)	3 <sup>1</sup> / <sub>2</sub> " (95mm)
193-8-6	9 <sup>1</sup> / <sub>8</sub> " (244mm)	9 <sup>1</sup> / <sub>8</sub> " (244mm)	6" (152mm)

### ENCLOSURE FOR 4" AND 8" LOUDSPEAKERS\*\*

**198 Series.\*** Model 198-4 is designed for 4" (102mm) loudspeakers and will accommodate standard screw-mount baffles. 198-8 Series is designed for 8" (203mm) loudspeakers and is available in two depths and choice of standard screw-mount or torsion-spring (T) baffle mounting configurations. All models are CRS construction with four compound conduit knockouts. For extra depth Model 198-8-8 with acoustic fiberglass, refer to "Enclosures for Extended Loudspeaker Performance," this section, page 39.

MODEL	A	B	C
198-4	6 <sup>1</sup> / <sub>4</sub> " (159mm)	6 <sup>1</sup> / <sub>4</sub> " (159mm)	4 <sup>1</sup> / <sub>2</sub> " (105mm)
★ (T)198-8	10 <sup>1</sup> / <sub>16</sub> " (271mm)	10 <sup>1</sup> / <sub>16</sub> " (271mm)	3 <sup>1</sup> / <sub>2</sub> " (95mm)

\* Models with slotted mounting holes will also accept 180 Series support rails to facilitate installation in suspended tile ceilings.



## Rectangular Enclosures for Recessed Installation



SE161-R



SE175-4  
(shown with 161-8)



SM191-78



SE198-4

### ENCLOSURES FOR VANDAL-PROOF BAFFLES

**SE161-R Series.** Durable enclosures are designed to surface mount all VP161 Series vandal proof baffles. CRS construction, undercoated, and finished in textured white.

MODEL NO.	SPEAKER	DIMENSIONS	DEEP	MOUNTS
SE161-R	8" (203mm)	11" SQ. (279mm)	4" (102mm)	VP161 Series
SE161-R6			6" (152mm)	VP161 Series

### CONTEMPORARY ENCLOSURE

**SE175-4.** Attractive and highly versatile enclosure will accommodate standard screw-mount and torsion spring baffles. CRS construction, undercoated and finished in textured white.

MODEL NO.	SPEAKER	DIMENSIONS	DEEP	MOUNTS
SE175-4	8" (203mm)	11 <sup>1</sup> / <sub>2</sub> " SQ. (295mm)	4" (102mm)	(T)161-8, T620-8P912

### DELUXE ENCLOSURE

**SM191-78.** Architecturally pleasing enclosure presents a clean, crisp appearance. CRS construction, undercoated and finished in textured white. For extra depth Model SM191-78-8 with acoustic fiberglass, refer to "Enclosures for Extended Loudspeaker Performance," this section, page 39.

MODEL NO.	SPEAKER	DIMENSIONS	DEEP	MOUNTS
SM191-78	8" (203mm)	12 <sup>1</sup> / <sub>4</sub> " SQ. (324mm)	4" (102mm)	164-8A

### ENCLOSURE FOR 4" LOUDSPEAKERS

**SE198-4.** Contemporary design is suitable for a wide range of commercial and industrial applications. CRS construction, undercoated, and finished in textured white.

MODEL NO.	SPEAKER	DIMENSIONS	DEEP	MOUNTS
SE198-4	4" (102mm)	7 <sup>1</sup> / <sub>2</sub> " SQ. (181mm)	4 <sup>1</sup> / <sub>2</sub> " (111mm)	161-4

\*\* Reference Baffle/Enclosure Mounting Guide for list of compatible grilles.

★ LISTED UL 1480 Listed.



## ENCLOSURE WITH ADJUSTABLE MOUNTING BRACKET\*\*

**191 Series.** Versatile enclosure is ideal as a standard stock item. Features an adjustable mounting bracket ( $\frac{1}{16}''$ – $\frac{3}{4}''$ ) to provide installation flexibility in a variety of ceiling types and depths. Series is available in choice of two depths and for standard screw-mount and torsion spring (T) baffle installation. CRS enclosure is furnished with four compound conduit knockouts, heavy undercoating, patch-jute lining and black epoxy finish. For extra-depth Model 191-78-8 with acoustic fiberglass, refer to "Enclosures for Extended Loudspeaker Performance," this section, page 59.



191-78

MODEL	A	B	C	D
★ (T)191-78	11 $\frac{1}{16}''$ (297mm)	11 $\frac{1}{16}''$ (297mm)	4" (102mm)	* $\frac{1}{16}''$ – $\frac{3}{4}''$ (2-19mm)

\* Adjustable Mounting Flange.  
\*\* Reference Baffle/Enclosure Mounting Guide for list of compatible grilles.

★ LISTED UL 1480 Listed.

THREE

# Cylindrical Baffles



## DESIGNER BAFFLE ENCLOSURES

**X Series (4+ and 8+).** Unique to the commercial sound industry, these Atlas Sound baffle/enclosures provide aesthetic compliment to well-planned architectural interiors. Stylish appearance and high-quality workmanship enable these baffles to function as integral design elements in applications where architectural integrity is a primary concern including hotels, meeting rooms, reception areas, lounges, restaurants, airports, and transportation terminals. Selection includes direction-controlled cylindrical units for surface, suspension or wall-mounting applications, and a bi-directional unit for surface installation. Units are manufactured of aluminum and include cast aluminum mounting base and choice of two colors. Suffix model number (A) Satin Aluminum or (W) Satin White. Canopies, grilles with regressed steps, and mounting base are finished in matte black enamel. Perforated grille is manufactured from 22-gauge CRS and finished in matte black enamel. All X Series mount to a standard 4" octagonal E.O. Box.



X8414



X8409

MODEL	TYPE	MOUNTING CONFIG.	MOUNTS SPEAKER SIZE	DIMENSIONS INCLUDING HARDWARE		
				DIAMETER	LENGTH	PROJECTION*
★ X8409(A/W)	Cylindrical/ Directional	Surface or Suspended	8" (203mm)	10 $\frac{1}{8}''$ (257mm)	9 $\frac{1}{2}''$ (241mm)	9 $\frac{1}{2}''$ (241mm)
★ X8414(A/W)	Cylindrical/ Directional	Surface or Suspended	8" (203mm)	10 $\frac{1}{8}''$ (257mm)	10 $\frac{1}{8}''$ (257mm)	10 $\frac{1}{8}''$ (257mm)

\* Projection of suspended installations will vary.

## SUSPENSION HANGERS

**435 Series.** Designed to support and suspend baffle Models X44, X8414, and X8409. Hangers are available in multiples of 1 foot and include brushed aluminum canopy, nickel-plated hang straight swivel, zinc plated  $\frac{1}{2}''$  (13mm) steel tubing and necessary hardware. Units mount directly to a 4" (102mm) octagon E.O. box (not included). The 435 Series features an angular canopy and is designed to mount on flat ceilings or those with a slope of 15° or less.



435 Series



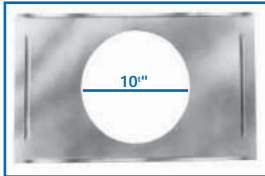
MODEL	LENGTH
435-1	1 ft. (305mm)
435-2	2 ft. (610mm)
435-3	3 ft. (914mm)
435-6	6 ft. (182.88cm)

★ LISTED UL 1480 Listed.

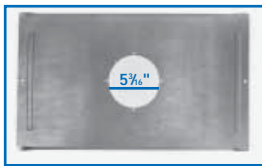




81-8S



81-8R



81-4



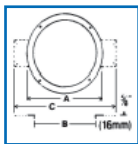
EQ81



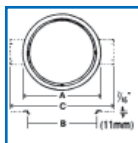
180 Series



186 Series



75-8



76-8



76-8E2

## TILE BRIDGES FOR 4" & 8" LOUDSPEAKERS\*

**81-8S/81-8R/81-4.** Load-bearing bridges prevent ceiling tile sag in ceiling installations by distributing loudspeaker, enclosure and/or baffle assembly weight to overhead T-bar support members. Model 81-8S mounts 8" loudspeaker packages and enclosures and features a square cut-out with a multi-position hole pattern to accommodate a variety of round and square baffles including torsion spring and screw-mount models. Model 81-8R has a round cut-out and mounts 8" loudspeaker packages and enclosures; the 81-4 has a round cut-out and mounts 4" loudspeaker packages. All tile bridges are constructed of 24-gauge rust-resistant electrogalvanized steel. Except model EQ81 which is 20 gauge.

MODEL	CUT-OUT	LENGTH	WIDTH	DEPTH
81-8S	8" SQ. (203mm)	23 <sup>3</sup> / <sub>8</sub> " (600mm)	14 <sup>1</sup> / <sub>8</sub> " (359mm)	<sup>1</sup> / <sub>4</sub> " (6mm)
81-8R	10 <sup>3</sup> / <sub>8</sub> " Dia. (273mm)			
81-4	5 <sup>1</sup> / <sub>8</sub> " Dia. (132mm)			
EQ81	12 <sup>1</sup> / <sub>8</sub> " Dia. (306mm)	23 <sup>1</sup> / <sub>8</sub> " (602mm)	13 <sup>3</sup> / <sub>8</sub> " (349mm)	<sup>1</sup> / <sub>2</sub> " (13mm)

MODEL	MOUNTS BAFFLE MODELS
81-8S	(T)581-8, (T)60-8(W), (T)61-8(W), (T)62-8, 63-8, (T)161-8, (T)164-8, 169-8, 170-8A, 169-8, 170-8, M222W, TM222W, T610-8(W), T620-8, T710-8, T720-8A. P900, P910
81-8R	51-8, 60-8(W), 61-8(W), 62-8, 63-8, 170-8A, M222W, P900
81-4	51-4, 60-4
EQ81	51-4, 60-4

\*Tile bridges for Strategy Series and E0 Series loudspeaker systems are located with the system components in section 1.

## CHANNEL SUPPORTS

**180 Series.** For application in suspended ceiling installations where adequate support is not available to mount loudspeaker, enclosure, and baffle. Furnished with provisions to mount any type of protective enclosure or plaster frame. CRS construction. Galvanized finish.

**186 Series.** Support rails provide quick and efficient installation of protective enclosures and mounting rings in 16" (406mm) and 24" (610mm) stud ceiling construction. Adjustable slot and sliding basket nut allow a wide range of positioning flexibility to meet your application requirements. 186 Series is ideal for use with 95 and 96 Series enclosures and 75 and 76 Series mounting rings for 8" loudspeakers. Note: series will not accept enclosures and mounting rings for 4" loudspeakers. CRS construction. Galvanized finish.

MODEL	LENGTH
180-2	23 <sup>3</sup> / <sub>8</sub> " (603mm)
180-4	47 <sup>3</sup> / <sub>8</sub> " (1213mm)
186-16	18" (457mm)
186-24	26" (660mm)

## MOUNTING RINGS\*

**75 Series.** Versatile series is ideal for installation of screw-mount and torsion-spring (T) baffles with 8" (203mm) and 12" (305mm) loudspeakers. Recommended for a variety of ceiling constructions including dry wall, plaster, and conventional ceiling applications when protective enclosures are not required. CRS construction. Finished in black epoxy. Four staking rivets or two torsion tabs included. (E1 suffix designates models with mounting ears for 16" (406mm) stud ceilings; E2 for 24" stud ceilings.) Note: T75-8 will not accept Model T730-8 grille.

MODEL	A	B	C
(T)75-8	11 <sup>1</sup> / <sub>8</sub> " (298mm)	8 <sup>5</sup> / <sub>8</sub> " (251mm)	—
T75-8E1	11 <sup>1</sup> / <sub>8</sub> " (298mm)	8 <sup>5</sup> / <sub>8</sub> " (251mm)	17" (432mm)
T75-8E2	11 <sup>1</sup> / <sub>8</sub> " (298mm)	8 <sup>5</sup> / <sub>8</sub> " (251mm)	23 <sup>1</sup> / <sub>2</sub> " (597mm)

**76-4.** For screw-mount installation of baffle models 51-4 and 60-4 with 4" loudspeakers. Designed for dry wall, plaster, and conventional ceiling construction when use of a backbox is not required. Manufactured from heavy-gauge CRS. Finished in black epoxy. Four 8-32 J-nuts included.

MODEL	A	B
76-4	7 <sup>1</sup> / <sub>8</sub> " (181mm)	6 <sup>1</sup> / <sub>4</sub> " (159mm)

**76-8.** For installation of screw mount baffles with 8" (203mm) loudspeakers in drywall, plaster, and conventional ceiling construction. CRS construction. Finished in epoxy. Four 8-32 J-nuts included.

MODEL	A	B	C
76-8	7 <sup>1</sup> / <sub>2</sub> " (343mm)	11 <sup>1</sup> / <sub>8</sub> " (302mm)	—
76-8E2	7 <sup>1</sup> / <sub>2</sub> " (343mm)	11 <sup>1</sup> / <sub>8</sub> " (302mm)	24" (610mm)

\*Mounting rings and accessories for Strategy Series Loudspeaker systems are located with the system components in section 1.

Mounting Rings Continued on The Next Page

## MOUNTING RINGS (CONT.)

**P Series.** Plastic mounting rings are ideal for retrofit applications with hard-to-access ceilings. Model P77-8 may be conveniently installed from ground level by cutting a 12" (305mm) dia. hole in the ceiling, snapping ring at breakslot, and maneuvering it up through hole to rest above ceiling. Model P78-8 includes mounting ears for conventional installation in 16" (406mm) stud ceilings. Construction is polystyrene plastic. Four J-nuts included.

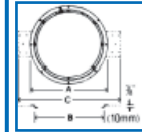
MODEL	A	B	C
P77-8	13 <sup>1</sup> / <sub>8</sub> " (346mm)	11 <sup>1</sup> / <sub>8</sub> " (303mm)	—
P78-8	13 <sup>1</sup> / <sub>8</sub> " (346mm)	11 <sup>1</sup> / <sub>8</sub> " (303mm)	18" (457mm)

**PR411/TR411.** Versatile mounting ring installs to a variety of torsion-spring grilles with 4" (102mm) loudspeakers in drywall, plaster and conventional ceiling construction. Recommended for ease and economy when a protective enclosure is not specified. CRS construction. Finished in black epoxy. Includes torsion tabs. TR411 includes ears for mounting to 16" or 24" O.C. studs.

MODEL	A	B	C	D
PR411	7 <sup>1</sup> / <sub>8</sub> " (200mm)	6 <sup>1</sup> / <sub>8</sub> " (162mm)	3 <sup>1</sup> / <sub>4</sub> " (83mm)	1/2" (13mm)
TR-411	25 <sup>1</sup> / <sub>8</sub> " (675mm)	6 <sup>1</sup> / <sub>8</sub> " (162mm)	3 <sup>1</sup> / <sub>8</sub> " (81mm)	1/2" (13mm)

## MOUNTING FRAMES

**71 Series.** Versatile series is ideal for installation of screw-mount baffles with 8" (203mm) loudspeakers when protective enclosures are not required. Selection includes models for a variety of ceiling constructions including drywall, plaster, conventional, and stud ceiling applications. Models with an (E1) suffix include mounting ears to accommodate 16" (406mm) stud ceiling construction. Models with an (E2) suffix include mounting ears for 24" (610mm) stud ceiling applications. All models are CRS construction and include four 8-32 weld nuts or two torsion tabs. Finished in black epoxy.



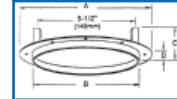
P Series



P77-8



P78-8



PR411

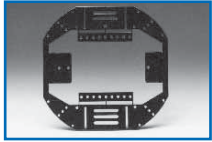


TR411

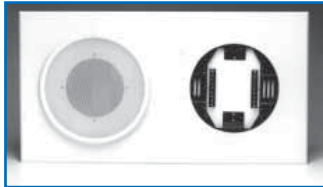
**THREE**



# Analog Clock/Speaker Baffles and Enclosures



New Universal Analog Clock Mounting Bracket (included)



830-812A



840-89A (shown with clock-by others)



194-89

## ANALOG CLOCK SPEAKER BAFFLES

Atlas Sound clock/speaker baffles feature a patented universal clock mounting bracket which enables secure mounting of any 9", 10", or 12" standard clock (by others). Universal clock mounting bracket is secured via #4 weld studs. To ensure proper fit, the overall diameter of the selected clock must clear the clock/hole clearance diameter listed in the chart below. All clocks mount from the front. The bracket can also be easily modified (trimmed) in the field to clear clock dust covers or motors. Compatible clock manufacturers include: *American Time & Signal, Cincinnati, DuKane, Edwards, Faraday, Franklin, Latham, National, Rauland, Standard, and Simplex.*

**830 Series.** Economical recessed or surface-mounting assembly features a CRS grille and trim ring mounted on an 18-gauge CRS panel. Unit also includes a black gasket for concealed loudspeaker mounting. Assembly installs with double-action torsion spring system to eliminate visible hardware. Assembly is finished in textured white.

**840 Series.** Baffle for recessed or surface-mounting features a CRS perforated grille, CRS frame and black subplate for concealed loudspeaker mounting. Grille and frame are finished in textured white epoxy.

MODEL	DIMENSIONS	CLOCK/HOLE CLEARANCE DIA.	MOUNTS (order separately)		
			SPEAKER	CLOCK*	ENCLOSURE
830-89A	26½"W x 14"H (673 x 356mm)	8¾ (222mm)	8" (203mm)	9", 10" (229, 254mm)	194-89
				12" (305mm)	SM194-89 194-812
830-812A	33⅞"W x 17⅞"H (860 x 454mm)	10½ (267mm)		9", 10" (229, 254mm)	SM194-812 195-89
840-89A	26¾"W x 13⅛"H (679 x 348mm)	8¾ (222mm)		12" (305mm)	195-812 SM195-812
840-812A	33⅞"W x 18¼"H (862 x 459mm)	10½ (267mm)			

\* Clocks by others. Universal mounting bracket allows mounting of a variety of models. Clearance hole and baffle dimensions should be used to guide selection. Some clocks will require bracket modification (trimming) in the field.

## ENCLOSURES FOR CLOCK/SPEAKER BAFFLES

Enclosures are heavy-gauge CRS, undercoated and finished in black epoxy. Ample conduit knock-outs are furnished on all sides for easy wiring. Model Series 194 and 195 include a compartment divider panel to separate high and low-voltage wires. Surface models are finished in textured white epoxy.

ENCLOSURE SPECIFICATIONS			
MODEL	TYPE	DIMENSIONS	MOUNTS
194-89	Recessed	24½"W x 12⅞"H 3"D (622 x 306 X 76mm)	830-89A
194-812		31⅞"W x 15⅞"H 3"D (803 x 403 X 76mm)	830-812A 840-89A
195-89		23"W x 11⅞"H 3"D (606 x 302 X 76mm)	
195-812		31¼"W x 16"H 3"D (794 x 406 X 76mm)	840-812A
SM194-89	Surface	26"W x 14⅞"H 3"D (676 x 359 X 76mm)	830-89A
SM194-812		34"W x 18"H 3"D (864 x 457 X 76mm)	830-812A
SM195-89		26⅞"W x 13⅞"H 3"D (683 x 351 X 76mm)	840-89A
SM195-812		34⅞"W x 18⅞"H 3"D (865 x 462 X 76mm)	840-812A

\* Order two 4"W and one 7 1/2" W or one 15 1/2" W panel to fill opening.



# Digital Clock/Speaker Baffle



DC162-8

**DC162-8/DC162-8SF.** Popular DC162-8 is a recessed assembly which features an attractive square baffle with rectangular clock panel designed to mount digital clocks with the same dimensions as Rauland Borg Models 2410 and 2420. (Order clock from others). Finished in textured white epoxy.

BAFFLE	MOUNTS (order separately)				
	MODEL	DIMENSIONS	SPEAKER	CLOCK*	ENCLOSURE
DC162-8		12⅞" (322mm) SQ.	8" (203mm)	DIGITAL	Recessed 191-78

\* Recessed enclosure is 11⅞"W x 11⅞"H x 4"D (297 x 297 x 102mm)



## UL CLASSIFIED FIRE-RESISTANT SPEAKER ASSEMBLIES

**FR Series.** Atlas Sound has developed the only speaker assemblies that are UL classified for fire-resistance in the United States and Canada. The FR Series has passed a fire-rating up to three hours (rating varies by ceiling construction) and has been tested in accordance with the UL standard – Fire Test of Building Construction and Materials, ANSI/UL263 (ASTM E119, NFPA 251).

FR Series assemblies include an enclosure-fiber kit, UL listed speaker/transformer assembly, and UL Listed baffle. Each enclosure-fiber kit includes pre-cut fiber panels, metal enclosure, rail set and hardware. The speaker/transformer combinations approved for use in FR assemblies are FR versions of the industry standard Atlas Sound Strategy Series FA136, FA138 models and the C803A, C10A, and FC104 loudspeakers. The approved baffles are also FR versions of familiar Atlas Sound models.

## FAQ

### Atlas Sound FR Series Loudspeaker Packages

**Q.** Why do I need Atlas Sound Fire Rated Ceiling Speaker Assemblies?

**A.** You will need the Atlas Sound Fire Rated Speaker Assemblies if the ceiling being constructed has to conform to UL Standard 263 "Fire Tests of Building Construction Materials". These will work in 32 different 1 hour, 2 hour, and 3 hour fire resistant ceiling designs as listed in the 1999 UL Fire Resistance Directory.

**Q.** How can I find out if the Atlas Sound FR Series will be approved in my application?

**A.** Check with the local Fire Marshall or Building Inspector, who will have the final say in the approval of the FR Series Loudspeakers.

**Q.** Will the Atlas Sound Fire Rated Speakers work in a sheet rock ceiling?

**A.** No, the UL Standard 263 is for drop in or lay in tile applications only.

**Q.** Can I just use the FR Series baffles, enclosures or speakers by themselves?

**A.** No, the UL Standard 263 is only for the entire package only.

## ATLAS SOUND FR SERIES BENEFITS ARE CLEAR!

### UL Classification!

The UL mark is universally recognized and respected. Local regulatory agencies can feel confident in approving the UL Classified FR Series...the only UL Classified Fire Resistant Speaker Assemblies in the US and Canada!

### Quick Installation & Low Installed Cost!

The installed cost of an FR Series loudspeaker system will be substantially lower than the installed cost of a conventional loudspeaker system using contractor-constructed drywall fire boxes.

### Wide Selection & Proven Performance!

FR Series loudspeaker components are UL Classified versions of proven Atlas Sound models. Installing an FR Series system means no compromise in Atlas Sound's high performance and quality standards.

## ATLAS SOUND MAKES INSTALLATIONS EASY!

- 1 Attach rails to enclosure
- 2 Assemble pre-cut fiber panels over enclosure, notch fiber at rails
- 3 Wire top panel to sides at four corners

## EASY TO ORDER!

Choose from 45 FR Series speaker assembly kits.

## FIRE-RATED SYSTEMS

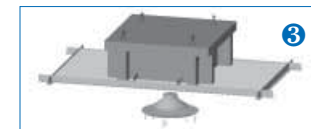
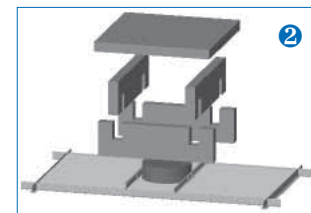
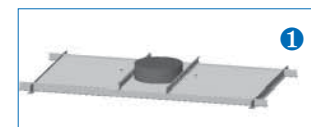
FR SERIES KIT PART NUMBER	INCLUDES FR SERIES SPEAKER/TRANSFORMER COMBINATION	INCLUDES FR SERIES BAFFLE	INCLUDES ENCLOSURE /FIBER KIT
FC104T72FRK	FC104T72FR	51-4FR	96-4FR
C10AT72FRK	C10AT72FR	51-8FR	95-8FR
C803AT87FRK	C803AT87FR	51-8FR	95-8FR
FA136T87FRK	FA136T87FR	FA720-6FR	FA97-6FR
FA138T87FRK	FA138T87FR	FA720-8FR	FA97-8FR



FR Enclosure-Fiber Kit includes enclosure, pre-cut fiber panels, and rails



Installed Cut-Away



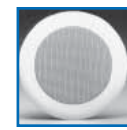
FA136



FA138



FC104-T72



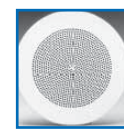
FA720-6



C10A



C803AT87



51-8



51-4

THREE