



FAP40T



FAP40T Ceiling Installation



FAP40T
Tile Bridge Mounting System
(included)



FA-TR4
(optional)

FAP40T

- Tuned & ported design for extended bass response
- 16 Watt internal transformer
- 8 Ohm transformer bypass setting
- Low profile plastic enclosure
- Input via 2 pole terminal block
- Press-fit grille blends perfectly into contemporary architecture
- Lightweight construction makes use of additional support in drywall ceilings unnecessary
- Tile bridge included
- Perfect companion with the FAPSUB subwoofer system when sub bass is required
- UL 1480

Designed to provide high performance in a very compact footprint, the FAP40T appeals to both system designers and architects. FAP40T is ideal for high-intelligibility voice, music, and signal reproduction in commercial, industrial, and institutional applications.

A unique (patent pending) tap selector switch design allows for easy system tuning. A full selection of taps up to 16 Watts as well as an 8 Ohm transformer bypass setting is included for maximum system versatility. This switch "knob" also functions as a diffuser cone, providing smooth, even dispersion of the high frequency content from the center of the 4" polypropylene driver. In fact, the high frequency response of the FAP40T is so natural that many would assume that the driver in the FAP40T was a coaxial design instead of a single cone driver.

Low frequency response is enhanced by the tuned and ported enclosure design. The UL Listed enclosure is constructed of high impact injection molded plastic and includes a press fit grille design that blends quite well with contemporary architecture.

A two pole terminal block housed below a metal removable cover on the back of the FAP40T enclosure allows for easy system wiring as well as "daisy chain" wiring to other FAP40Ts or even FAPSUB subwoofers (a great combination!).

ACCESSORIES

A Tile Bridge is included in the package for suspended ceiling applications. The light weight design of the FAP40T coupled with the "dog leg" mounting system allows the FAP40T to mount into most drywall ceilings without the need for a separate mounting ring.

For new construction drywall ceiling applications, the optional FA-TR4 trim ring is available. This unit provides a marked location for drywall installers to cut around essentially reserving the desired location in the ceiling until final installation of FAP40T. Mounting holes are provided to accommodate 16" or 24" OC stud/joist mounting.

The package includes an attractive press-fit grille, which nicely matches contemporary architecture.

The FAP40T includes a secondary support point built into the termination cover. This "ring" may be used with an auxiliary support cable in drop tile installations.

PERFORMANCE SPECIFICATIONS

MODEL	POWER RATING	70.7V TAPS	FREQUENCY RESPONSE	SENSITIVITY (1W/1M)	DRIVER	WOOFER MAG WT.	DIMENSIONS VOLUME	CUT-OUT DIMENSIONS	WEIGHT
FAP40T	16 Watts (8 Ohm)	1, 2, 4, 8, 16	100Hz-12kHz (±3dB) 80Hz-15kHz (±5dB)	87dB Average	4" Polypropylene w/SBR Surround	13 oz (369g)	7 ⁷ / ₈ " (187mm) Bezel Diameter 7 ¹ / ₈ " (181mm) Over All Height	6 ⁵ / ₁₆ " (160mm)	4 lbs (1.8kg)



FAP42T/FAP62T Strategy Series® II Loudspeakers



FAP62T



FAP42T



C-Ring/V-Rail Mounting System (including)



FAP42-TR (optional)

FAP42T/FAP62T (UL 1480)

- Extended low frequency response from the optimally tuned and ported deep drawn galvanized steel enclosure (285 cubic inches FAP42T, 475 cubic inches FAP62T)
- Easy installation in drop tile or sheetrock ceilings via C-ring/V-rail tile bridge and "dog leg" mounting system (included)
- Front mounted tap selector switch for easy system tuning adjustments now features transformer bypass setting for 8 Ohm applications
- Unique "trap door" input section allows for through conduit runs with rigid or flex conduit
- 4 Pole detachable "Phoenix" style connector allows easy pre-wiring and is convenient for daisy chaining additional Strategy Series II full range speakers or subwoofers
- "Press fit" grille blends better into contemporary architecture
- Enhanced quality 70.7/100V internal transformers minimize insertion loss and maintain low frequency response while providing increased output for higher SPL applications

The Strategy Series II premium 70.7/100V/8 Ohm tuned & ported coaxial ceiling speaker packages will satisfy the needs of owners, architects, contractors, and consultants by delivering true, high fidelity sound reproduction in an attractive and easy-to-install system. These High performance systems are perfectly suited for many business music and public address applications. Compact profile enclosures and wide dispersion make the FAP42T & FAP62T a perfect choice for low ceilings.

The loudspeaker's components match the performance of the legendary Atlas Sound Strategy FA Series.

High quality construction of the 1" voice coil cone type drivers include polypropylene cones with a butyl rubber surround. The 19mm coaxially mounted tweeter is constructed of durable PEI. The high sensitivity of the loudspeaker means less power may be required to achieve the desired SPL. The loudspeakers are factory assembled to an optimally tuned & ported deep drawn enclosure and include a specially designed low saturation 70.7/100V transformer. A convenient front mounted switch allows tap selection without the need to remove the speaker from the ceiling. Uniquely designed "easy access" input panel design allows for "thru" conduit runs using flexible or rigid conduit. A detachable Phoenix style locking four-pole connector provides for easy daisy chain wiring to other full range loudspeakers or Atlas Sound FAPSUB subwoofers. Attractive press-fit grille better matches contemporary architecture.

Mounting is simplified with Strategy Series II style "dog leg" tabs that allow easy installation into drop tile or drywall ceilings with provided tile bridge assembly. The tile bridge consists of (2) triangular formed mounting rails and a c-ring assembly.

The C-ring can be attached to the rails with the screws provided to extend support to the t-bar grid in suspended ceiling applications. Multiple hole locations are provided to allow the c-ring to be positioned all the way to the outer edge of the tile if necessary.

For existing dry-wall applications the tile bridge c-ring and support rails can be inserted into the hole cut for the enclosure. For easy positioning the "V" shaped support rails match the shape of the C-ring tabs for easy maneuvering and location when working "blindly" above the deck.

For new construction drywall ceiling applications, an optional trim ring is available. This unit provides a marked location for drywall installers to cut around essentially reserving the desired location in the ceiling until final installation of loudspeaker. Mounting holes are provided to accommodate 16" or 24" OC stud/joist mounting.

Use model **FAP42-TR** new construction ring for model FAP42T/FAP42TC.

Use model **FAP62-TR** new construction ring for model FAP62T.

A support ring is also provided on the top of the enclosure to facilitate an auxiliary support cable.

Each of the new Strategy Series II packages contains two speaker/transformer/enclosure assemblies, along with two grilles, and tile bridges.

PERFORMANCE SPECIFICATIONS

MODEL	POWER RATING	70.7V TAPS	FREQUENCY RESPONSE	SENSITIVITY (1W/1M)	WOOFER	WOOFER MAG WT.	HF DRIVER	DIMENSIONS	ENCLOSURE VOLUME	CUT-OUT DIMENSIONS	WEIGHT-LESS TILE BRIDGE
FAP42T	16 Watts (Transformer Limited)	1, 2, 4, 8, 16	75Hz-20kHz	88dB Average	4" Poly Cone Butyl Rubber Surround	10 oz (364g)	Coaxially Mounted PEI Dome Tweeter	10½" (267mm) Dia. 8½" (225mm) Overall Height	285 Cubic Inches	9" (229mm)	6.5 lbs (2.95kg)
FAP62T	50 Watts (Transformer Limited)	2, 4, 8, 16, 32	63Hz-20kHz	88dB Average	6" Poly Cone Butyl Rubber Surround	14 oz (398g)	Coaxially Mounted PEI Dome Tweeter	12½" (318mm) Dia. 8½" (215mm) Overall Height	475 Cubic Inches	11" (279mm)	9.5 lbs (4.45kg)



FAP42TC (UL 1480)

With an overall depth of 4" (102mm) the FAP42TC is the perfect choice when high fidelity audio and wide, even coverage is required but space above the plenum is limited. For wall mount applications (tanning salons or surround sound) the short 4" depth will even work in most stud wall installations.

Input section features a 4-pole phoenix connector for easy daisy chaining between speakers. A simple cover including combination 1/2" (13mm) / 3/4" (19mm) knock-outs is provided for installation ease.

The popular Atlas Sound C-ring/V-Rail mounting system is provided for quick installation into drop tile acoustic ceilings and existing construction drywall. For new construction drywall applications the optional FAP42-TR may be used.

All other popular features of the FAP42T are included on the new FAP42TC including the front mounted tap selector switch (which included transformer bypasses for 8 Ohm applications), attractive press-fit grills, high performance 4" polypropylene cone driver with 3/4" (19mm) PEI tweeter and precision crossover components for smooth, even coverage.



FAP42TC
Shown without grille installed

PERFORMANCE SPECIFICATIONS											
MODEL	POWER RATING	70.7V TAPS	FREQUENCY RESPONSE (± 7dB)	SENSITIVITY (1W/1M)	WOOFER	WOOFER MAG WT.	HF DRIVER	DIMENSIONS	ENCLOSURE VOLUME	CUT-OUT DIMENSIONS	WEIGHT-LESS TILE BRIDGE
FAP42TC	25 Watts (Transformer Limited)	1, 2, 4, 8, 16	75Hz-20kHz	88dB Average	4" Poly Cone Butyl Rubber Surround	10 oz (364g)	Coaxially Mounted PEI Dome Tweeter	10 1/2" (267mm) Dia. 8 1/4" (108mm) Overall Height	134 Cubic Inches	9" (229mm)	5.4 lbs (2.45kg)

Strategy Series® II "Motor Board" Assemblies



FA42T-6MB/FA62T-8MB (UL 1480)

Atlas Sound has also addressed retrofit and "division of labor" installations with new "motor board" versions of the Strategy Series II :

Model **FA42T-6MB** is the entire 4" speaker/transformer/selector switch/front plate assembly found in the FAP42T assembly. The footprint of the FA42T-6MB is identical to a standard FA series 6" speaker component. This footprint allows the motor board to fit into all current Strategy Series I 6" enclosures in the exact same manner as a regular 6" FA speaker.

Model **FA62T-8MB** is the entire 6" speaker/transformer/selector switch/front plate assembly found in the FAP62T assembly. The footprint of the FA62T-8MB is identical to a standard FA series 8" speaker component. This footprint allows the motor board to fit into all current Strategy Series I 8" enclosures in the exact same manner as a regular 8" FA speaker.



FA62T-8MB
Shown in FA97-8 Enclosure,
with FA720-8 Grille and
FA81-8 Tile Bridge
(hardware is optional)

PERFORMANCE SPECIFICATIONS									
MODEL	POWER RATING	70.7V TAPS	FREQUENCY RESPONSE	SENSITIVITY (1W/1M)	WOOFER	WOOFER MAG WT.	HF DRIVER	MATCHES ENCLOSURE	WEIGHT-LESS TILE BRIDGE
FA42T-6MB	25 Watts Transformer Limited	1, 2, 4, 8, 16	75Hz-20kHz (in FA97-6 Enc.)	88dB Average	4" Poly Cone Butyl Rubber Surround	10 oz (264g)	Coaxially Mounted PEI Dome Tweeter	FA95-6, FA97-6	3.5 lbs (1.59kg)
FA62T-8MB	50 Watts Transformer Limited	2, 4, 8, 16, 32	63Hz-20kHz (in FA97-8 Enc.)	88dB Average	6" Poly Cone Butyl Rubber Surround	14 oz (398g)	Coaxially Mounted PEI Dome Tweeter	FA95-8, FA97-8	4 lbs (1.81kg)

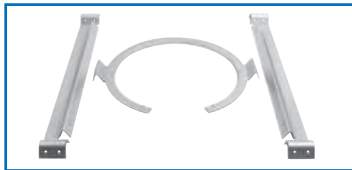


FAP82T



Power Tap Settings

Easy Install Wiring Connection



(included)
C-Ring/V-Rail
Mounting System



(optional)
FAP82-TR

FAP82T (UL 1480)

- High efficiency 8" driver
- Extended low frequency response from the optimally tuned and ported deep drawn galvanized steel enclosure (937 cubic inches)
- 60 Watt enhanced quality 70.7/100V internal transformer minimizes insertion loss and maintains low frequency
- Front mounted tap selector switch for easy system tuning adjustments (1.9W to 60W @ 70.7V plus 8 Ohm setting)
- Unique "trap door" input section allows for through conduit runs with rigid or flex conduit
- 4 Pole detachable "phoenix" style connector allows easy pre-wiring
- "Press-fit" grille to better blend into contemporary architecture
- Ships complete with speaker/transformer factory assembled into back can, grille, and unique C-ring/V-rail mounting hardware
- May be pendulum mounted via top mounted eyebolt (included). Enclosure is also finished in white for optimum aesthetics when hung in open ceiling applications

The Atlas Sound FAP82T is a premium performance 70.7/100V tuned & ported 8" coaxial ceiling speaker system perfectly suited for many business music and public address applications –especially applications where high ceilings require loudspeakers with increased efficiency and tighter pattern control. The 8" coaxial speaker system features extended low frequency response rivaling that of many subwoofers.

The FAP82T will satisfy the needs of owners, architects, contractors, and consultants by delivering true, high fidelity sound reproduction in an attractive and easy-to-install system. The FAP82T is ideal for high-intelligibility voice, music, and signal reproduction in commercial, industrial, and institutional applications.

The FAP82T's 100° dispersion angle (2kHz octave band) is perfect for higher ceiling applications where tighter pattern control is required. Tight pattern control (not exceeding 100°) is important for high ceiling applications. Loudspeakers exhibiting wider dispersion than 100° will exceed 6dB of drop off at the edge of the coverage pattern causing excessive SPL variances. Using more of the same wide coverage speaker in a high ceiling application to compensate only worsens the situation, as comb filtering from multi-path arrivals will result. For more information please review our paper "The Limitations of Wide Dispersion" on our website www.AtlasSound.com

The loudspeaker component is based on the legendary Atlas Sound FA series drivers. High quality construction 1½" voice coil, 8" coaxial cone type driver includes polypropylene cone with a butyl rubber surround. The 19mm coaxially mounted tweeter is constructed of PEI. A high sensitivity of 90dB average means less power may be required to achieve the desired SPL. This loudspeaker is factory assembled to an optimally tuned & ported deep drawn enclosure and includes a specially designed 60 Watt low saturation 70.7/100V transformer. A convenient front mounted selector switch allows tap selection without the need to remove the speaker from the ceiling. This tap selector switch also includes a transformer bypass setting for instances where the FAP82T is to be direct coupled with a low impedance amplifier.

PERFORMANCE SPECIFICATIONS

MODEL	POWER RATING	70.7V TAPS	FREQUENCY RESPONSE (± 5dB)	SENSITIVITY (1W/1M)	WOOFER	WOOFER MAG WT.	HF DRIVER	OVERALL DIMENSIONS	CUT-OUT DIMENSIONS	WEIGHT-LESS TILE BRIDGE
FAP82T	70 Watts @ 8 Ohms	1.9, 3.8, 7.5, 15, 30, 60W	65Hz-20kHz	90dB Average	8" w/ Polypropylene Cone & SBR Surround	21 oz (580g)	Coaxially Mounted PEI Dome Tweeter	10½" (400mm) Bezel Diameter 12¾" (324mm) Overall Height	14" (356mm)	13.9 lbs (6.3kg)

Specifications subject to change without notice

FAPSUB (UL 1480) 

- Tuned & ported, long excursion 8" subwoofer system produces amazing extended low frequency response in any ceiling speaker system
- High efficiency, passive crossover network eliminates the need for dedicated amplifier and/or active crossover
- Low crossover point greatly reduces localization (ability of listener to identify the subwoofer location)
- Front mounted tap selector switch for easy system tuning adjustments includes transformer bypass setting for 8 Ohm direct coupled operation
- Easy installation in drop tile or sheetrock ceilings via C-ring/V-rail tile bridge and "dog leg" mounting system (included)
- Uniquely designed, "easy access" input panel design allows for "thru" conduit runs using flexible or rigid conduit
- Detachable, Phoenix style, locking, four-pole connector provides for easy daisy chain wiring
- Attractive stud mount grille matches aesthetics of other Atlas Sound FA Series

In recent years, there has been a shift in market demand for commercial sound systems to deliver higher fidelity sound. Retail, restaurant, and hospitality settings are finding that their customers are expecting the quality of their shopping or dining experience to be enhanced by music reproduced at nearly the same level of sound quality they have come to expect in their home theaters and car stereos. Business owners now realize that the excitement caused by a quality audio system can turn into increased customer satisfaction. The **FAPSUB**, when used in conjunction with other Atlas Sound full-range speakers, provides great sounding background/foreground music reproduction suitable to these applications.

The **FAPSUB** consists of a highly efficient 8", 8 Ohm subwoofer designed and built by Atlas Sound to work optimally in the FAPSUB enclosure system. The woofer features an extended, vented pole piece for higher excursion and better heat dissipation and a Kapton® voice coil former for increased power handling.

A highly efficient, 3-pole filtering network eliminates unwanted high frequencies from the woofer, while the 937 cubic inch, tuned and ported, deep drawn steel enclosure provides bass response down to 45Hz (±10dB).

A special low saturation 70.7/100V transformer is included with 1.9, 3.8, 7.5, 15, 30, and 60 Watt primary taps (@70.7V) to match and balance the subwoofer with full range speakers without the need for separate amplification. A convenient front mounted selector switch allows tap selection without the need to remove the speaker from the ceiling. This tap selector switch also includes a transformer bypass setting for 8 Ohm direct coupled applications.

Mounting is simplified with Strategy style "dog leg" tabs that allow easy installation into drop tile or drywall ceilings with the provided tile bridge assembly. The tile bridge consists of (2) triangular formed mounting rails and a C-ring assembly. The C-ring can be attached to the rails with the screws provided to extend support to the T-bar grid in suspended ceiling applications. Multiple hole locations are provided to allow the C-ring to be positioned to the outer edge the tile if necessary.

For existing dry-wall applications, the tile bridge C-ring and support rails can be inserted into the hole cut for the FAPSUB. For easy positioning, the V shaped support rails match the shape of the C-ring tabs for easy maneuvering and location when working "blindly" above the deck.

For new construction drywall ceiling applications, the optional FAP82-TR trim ring is available. This unit provides a marked location for drywall installers to cut around, essentially reserving the desired location in the ceiling until final installation of FAPSUB. Mounting holes are provided to accommodate 16" or 24" OC stud/joist mounting.

FAPSUB SPECIFICATIONS	
Woofer Size	8" (203mm)
Transformer Taps At 70.7V	7.5W, 15W, 30W, 60W
Power Handling (Transformer Limited)	200 Watts Peak, 100 Watts RMS
Sensitivity (W/M)	88dB Average
Frequency Response	45Hz to 120Hz(±10dB), 55Hz to 100Hz(±6dB)
Dispersion	Omni
Low Pass Filter	Two Pole Design 12dB/Octave @ 120Hz
Magnet Weight	Nominal, 20oz (580g)
VC Diameter	1"
VC Material	Cooper
VC Former Material	Kapton
Cut-Out Diameter	13¼" (337mm)
Dimensions	12½" (323mm)H x 14" (356mm) Diameter
Weight	14½ lbs (6.57kg)



FAPSUB



FAPSUB with Grille



(Back View)



C-Ring/V-Rail Mounting System (included)



FAP82-TR (optional)



SM52
perfect for restaurants
and sports bar applications.



SM42T-B



SMBallmount-B
(optional)



SM52(T)-W SM52(T)-B
(All models include
mounting bracket)

SM SERIES

Common Features (SM42T, SM52, SM52T, SM82, and SM82T):

- Compact, 2-way loudspeaker systems for exceptional performance in music and sound reinforcement systems
- Weather-resistant construction for year-round indoor or outdoor use
- UV-resistant-talc-impregnated-polypropylene injection molded enclosures
- Powder coated aluminum grilles
- Conform to 100HR salt spray test per ASTM B117
- Color matched heavy-duty zinc chromate plated and powder coated "C" Style mounting bracket (included)
- Atlas Sound TRX WAVEGUIDE™ – A constant directivity style high frequency wave guide system provides accurate, even high frequency coverage
- All SAE brass hardware inserts allow easy integration of "off-the-shelf" security hardware
- OMNIMOUNT™ compatible
- Available in black or white
- 70.7V & 8 Ohm Operation
- Five-year warranty

Use surface-mount Atlas Sound Series loudspeaker systems for commercial, professional and residential applications or where versatility and high-fidelity sound is desired. These systems are ideal for indoor and outdoor installation, in monaural and stereo foreground or background music systems, video systems in conference rooms & classrooms, boutiques/shops, restaurants/cafes, leisure, recreation/sports centers, and houses of worship.

All models are constructed of weather resistant materials: UV-resistant, talc impregnated, polypropylene injection molded cabinets; polypropylene or treated woofer cones; powder coated aluminum grilles and all brass hardware. In fact the SM series have been evaluated for weather resistance by a stringent 100HR salt spray test per the ASTM B117 standard passing the test with no visible corrosion or degradation of performance.

A Multi-position, C-shaped mounting bracket is included with each model at no additional cost. Optional ball mount model **SMBallmount-b/w** available for applications where concealed mounting hardware is required.

SM42T-B/SM42T-W

The SM42T-B (black) and SM42T-W (white) are compact, 2-Way, (8 Ohm/70.7V) weather-resistant, surface mount speakers designed to work in a variety of applications.

System components consist of highly efficient 4" woofer section and a dome style tweeter. Vocal and musical clarity is optimized by the mathematically conceived, advanced design of the Atlas Sound TRX Control WaveGuide high frequency director. The high frequency section is symmetrical (90°H x 90°V) for equal coverage in both the horizontal or vertical cabinet mounting positions.

The SM42T systems include a versatile yet simple U-bracket designed to provide easy vertical or horizontal installation on just about any surface. Models are also Omnimount™ 10 series compatible. All Inserts are SAE ¼" - 20 allowing for easy integration of "off-the-shelf" security hardware.

The SM42T-B and SM42T-W feature weather resistant construction for year-round indoor or outdoor use and include a 70.7/100V transformer with screwdriver adjustable tap settings from 2-16 Watts for 70.7/100V distributed sound applications and a transformer bypass setting for direct coupled 8 Ohm applications.

SM52-B, SM52-W

The environment-resistant SM52 Series loudspeaker systems offer quality sound reproduction and contemporary styling in a compact enclosure.

System components consist of a highly efficient 5 1/4" woofer section and FerroFluid cooled, titanium dome high frequency device. Vocal and musical clarity is optimized by the mathematically conceived, advanced design of the Atlas Sound TRX Control WaveGuide high frequency director. This design provides smooth, even sound coverage (90°H x 90°V). The high frequency section is symmetrical, for equal coverage in both vertical and horizontal cabinet mounting positions. High frequency component protection is provided by the Atlas Sound PolyGuard™ protection circuit.

The SM52 includes basic magnetic shielding via a bucking magnet for the woofer section allowing use in near proximity to CRT monitors. Please note that the SM52 is not 100% magnetically shielded. Mounting the speaker directly adjacent a CRT may cause display distortion.

The input section includes a 5-way binding post and parallel ¼" jack for easy daisy chain wiring in 8 Ohm applications. This input section is protected from the elements by a "tongue-in-groove" cover secured by (2) stainless steel screws. The SM52 speaker systems include a versatile, yet simple, C-bracket designed to provide easy vertical or horizontal installation on just about any surface.

SM52T-B, SM52T-W

The SM52T models include all the features of the SM52 series with the addition of an internally mounted 30 Watt, 70.7/100V line matching transformer with screwdriver adjustable tap selection for use in distributed sound applications. Input is accomplished by a convenient 2-pole binding post with captive screw covers capable of accommodating (2) #14 gauge stranded wires each. Magnetic shielding and the Polyguard™ high frequency protection are omitted due to the 70.7V transformer.

STRATEGY SERIES SM SERIES SURFACE MOUNT SPEAKER SPECIFICATION			
MODEL	SM42T	SM52	SM52T
POWER RATING	30W RMS	100W	30W (Xfmr Lmtd.)
IMPEDANCE	8 Ohms (Xfmr. Bypassed)	8 Ohms	N/A
FREQ. RESP. (±5dB)	115Hz to 16kHz	95Hz to 20kHz	95Hz to 20kHz
SENSITIVITY 1W, 1M	88dB	89dB	89dB
(LF) MAGNET WT.	10oz (364g)	20oz (567g)	20oz (567g)
HF DRIVER	1" (25mm) Dome Tweeter	1" (25mm) Dome Tweeter	1" (25mm) Dome Tweeter
70.7V TAPS (Watts)	2, 4, 8, 16	N/A	.94, 1.9, 3.7, 7.5, 15, 30
DIMENSIONS WEIGHT LESS BRACKET	7" (17.78cm) H 5" (12.7cm) W 5 5/8" (15.03cm) D 1.5 lbs (.68kg)	10 1/8" (25.8cm) H 6 1/8" (17.5cm) W 5 7/8" (14.85cm) D 7.05 lbs (3.2kg)	10 1/8" (25.8cm) H 6 1/8" (17.5cm) W 5 7/8" (14.85cm) D 8.4 lbs (3.8kg)



SM82-B, SM82-W

For surface mount applications where increased output and tighter pattern control is required the SM82 series is the perfect choice!

System components consist of a highly efficient 8" woofer section and 1" exit titanium compression driver. Like other SM models the mathematically conceived, advanced design of the Atlas Sound TRX Control WaveGuide high frequency director provides outstanding performance with tighter, yet even sound coverage (65°H x 65°V). The high frequency section is symmetrical, for equal coverage in both vertical and horizontal cabinet mounting positions. High frequency component protection is provided by the Atlas Sound PolyGuard™ protection circuit.

The SM82 includes basic magnetic shielding via a bucking magnet for the woofer section allowing use in near proximity to CRT monitors. Please note that the SM82 is not 100% magnetically shielded. Mounting the speaker directly adjacent a CRT may cause display distortion.

The input section includes a 5-way binding post and parallel ¼" jack for easy daisy chain wiring in 8 Ohm applications. This input section is protected from the elements by a "tongue-in-groove" cover secured by (2) stainless steel screws. The SM82 speaker systems include a versatile, yet simple, C-bracket designed to provide easy vertical or horizontal installation on just about any surface.

SM82T-B, SM82T-W

The SM82T models include all the features of the SM82 series with the addition of an internally mounted 60 Watt, 70.7/100V line matching transformer with screwdriver adjustable tap selection for use in distributed sound applications. Input is accomplished by a convenient 2-pole binding post with captive screw cover capable of accommodating (2) #14 gauge stranded wires each. Magnetic shielding and the Polyguard™ high frequency protection are omitted due to the 70.7V transformer.

STRATEGY SERIES SM SERIES SURFACE MOUNT SPEAKER SPECIFICATION		
MODEL	SM82	SM82T
POWER RATING	150W RMS/225W PEAK	60W (Xfmr Lmtd)
IMPEDANCE	8 Ohms	NA
FREQ. RESP. (±5dB)	65Hz to 20kHz	65Hz to 20kHz
SENSITIVITY 1W, 1M	92dB	92dB
(LF) MAGNET WT.	40oz (1.13kg)	40oz (1.13kg)
HF DRIVER	1" (25mm) Exit Comp Driver	1" (25mm) Exit Comp Driver
70.7V TAPS (Watts)	NA	1.9, 3.8, 7.5, 15, 30, 60
DIMENSIONS (H x W x D)	16½" (41.9cm) H 9¾" (23.0cm) W 8⅞" (21.49cm) D	16½" (41.9cm) H 9¾" (23.0cm) W 8⅞" (21.49cm) D
WEIGHT LESS BRACKET	16.32 lbs (7.4kg)	16.32 lbs (7.4kg)

SM8SUB70

- Multiple ¼"-20 inserts, providing fly points for a variety of mounting configurations
- Includes internal high efficiency 60 Watt 70.7/100V transformer (may be bypassed for 8 Ohm operation)
- Barrier strip input for 70.7/100V/8 Ohm or parallel 4 pole Speak-On™ input for 8 Ohm operation only
- Unique input panel allows use of standard 4" square box cover (Raco 753 or eq.) for applications where flex conduit is required for termination
- Fuse protection for driver
- Attractive, yet heavy-duty grille assembly
- Available in black or white finish
- Optional bracket for wall mounting
- Omnimount™ compatible

The SM8SUB70 8" subwoofer system is perfect for restaurants, bars, and high-fashion retail outlets.

The system utilizes a 8" woofer housed in a 915 cubic inch multi-angle, flyable, wood enclosure system to provide extended low frequency response with a wide variety of mounting options.

(Not for outdoor use!)

Inserts are included for use with ¼"-20 drop forge eyebolts, optional SM8CBKT-B /-W mounting bracket and OmniMount™ 30 series hardware.

An 18dB/octave three-pole passive crossover eliminates the need for a separate electronic network or dedicated amplification to power the speaker. Its low crossover point (120Hz) nearly eliminates localization, allowing a designer to boundary-load the SM8SUB70 near a wall or into a corner for maximum output, while maintaining even coverage throughout the space.

A premium 70.7V transformer allows the SM8SUB70 to be paralleled with any 70.7V commercial audio system to provide extended low frequency response and more overall audio impact for foreground music systems. (Unit is also 8 Ohm compatible). Perfect for use with other SM series full range loudspeakers.

Available in black (**SM8SUB70-B**) or White (**SM8SUB70-W**)

PERFORMANCE SPECIFICATIONS								
MODEL	POWER RATING	70.7V TAPS	FREQUENCY RESPONSE (± 6dB)	SENSITIVITY (1W/1M)	WOOFER	WOOFER MAG WT.	DIMENSIONS (Not including bracket)	WEIGHT
SM8SUB70-B SM8SUB70-W	100 WATTS RMS	7.5, 15, 30, 60 (Plus transformer bypass setting for 8Ω operation)	55Hz-110kHz	89dB	8" (203mm) Poly Cone, Butyl Rubber Surround	20 oz (567g)	15½" (356mm)H 10¾" (270mm)W 10¾" (264mm)D	19 lbs

Optional Mounting Brackets for SM8SUB70-B /-W

SM8CBKT-B (Black finish)
SM8CBKT-W (White finish)

Heavy duty "C" style mounting bracket includes returns for extra stability.

Key hole slots and the OmniMount™ 30 series mounting holes are included on the rear of the bracket for installation ease.



SM82(T)-B SM82(T)-W
Includes mounting bracket



SM8SUB70-B



Strategy Series® Landscape and Garden Speakers

- In-ground and surface mount versions available
- Extreme durability
- High fidelity, wide coverage sound
- 70.7V and 8Ω models
- 5-Year warranty
- Green finish blends well into most landscaped areas

Atlas Sound Strategy® garden and landscape speaker systems are perfect for any commercial/residential application where rich sound and high durability is required including outdoor malls, theme parks or hotels.

The enclosure is constructed of weather-resistant, rotationally molded HDPE material to ensure the unit will maintain a good appearance for years to come.

For surface mount (patio/walkway) applications, use "GS" series models.

For burial applications, specify "GL" series models.

Both versions are available with 32 Watt, 70.7V line transformer (externally selectable taps) or without transformer for direct coupled 8Ω operation (indicated by "8" in part number suffix).

The loudspeaker utilized in the ATS series is the FA138 strategy series 8" coax. This driver features a polypropylene cone with rubber surround for weather resistance, ¾" Mylar dome tweeter for good high frequency reproduction and a 1.5" voice coil with powerful 21 oz. magnet for 70 Watts of power handling.

Modular design allows for a two-phase installation:

In phase one, the base may be installed (surface mount or burial) with wiring ran to the enclosure. A protective, high visibility cover (included in the package) may be installed over the base at this time. This cover helps keep debris from falling into the enclosure and also marks the loudspeaker location to help prevent landscape equipment operators from damaging the enclosure.



ATS183GL



ATS183GS

In phase two, the sound contractor returns to install the loudspeaker head unit (which is packaged in a separate carton). This multiple step process protects the visual portion of the device from being damaged during the construction/landscaping process, and also eliminates potential for theft from the construction site.

PERFORMANCE SPECIFICATIONS										
MODEL	POWER RATING	70.7V TAPS	FREQUENCY RESPONSE (±7dB)	SENSITIVITY (1W/1M) Half Space Reference	DISPERSION	WOOFER	WOOFER MAG WT.	HF DRIVER	DIMENSIONS	WEIGHT
ATS183GL	75 Watts RMS (Transformer Limited)	8, 16, 32	43Hz-20kHz	89.5dB	360° H x 5° V	8" (203mm) Poly Cone, Butyl Rubber Surround	21oz (580g)	¾" (19mm) PEI Dome Tweeter	20.954" (532mm)H 15.118" (384mm) Head/Base Diameter	22 lbs (10kg)
ATS183GL8	75 Watts RMS	N/A								

PERFORMANCE SPECIFICATIONS										
MODEL	POWER RATING	70.7V TAPS	FREQUENCY RESPONSE (±7dB)	SENSITIVITY (1W/1M) Half Space Reference	DISPERSION	WOOFER	WOOFER MAG WT.	HF DRIVER	DIMENSIONS	WEIGHT
ATS183GS	75 Watts RMS (Transformer Limited)	8, 16, 32	43Hz-20kHz	89.5dB	360° H x 5° V	8" (203mm) Poly Cone, Butyl Rubber Surround	21oz (580g)	¾" (19mm) PEI Dome Tweeter	13.097" (333mm)H 15.118" (384mm) Head/Base Diameter	19 lbs (8.6kg)
ATS183GS8	75 Watts RMS	N/A								



SM12CXT-B and SM8CXT Features:

- High performance Atlas Sound Compression Driver Coaxial Loudspeakers in versatile, flyable, wood enclosures
- Multiple ¼"-20 inserts, providing fly points for a variety of mounting configurations
- Includes internal, high efficiency 60 Watt 70.7/100V transformer (may be bypassed for 8 Ohm operation)
- Barrier strip input for 70.7/100V/8 Ohm or parallel 4 pole Speak-On™ input for 8 Ohm operation only
- Unique input panel allows use of standard 4" square box cover (Raco 753 or eq.) for applications where flex conduit is required for termination
- Fuse protection for low and high frequency drivers
- Attractive, yet heavy-duty grille assembly
- Durable black finish
- Optional bracket for wall mounting
- OmniMount™ compatible

SM12CXT-B and SM8CXT-B feature the high efficiency and pattern control of the Atlas Sound 8CXT60, and 12CXT60 compression driver coaxial loudspeakers in a new, highly versatile enclosure system.

Internal flying hardware includes multiple ¼" -20 inserts for overhead suspension in most any orientation. (Please use only approved, load rated hardware for suspending loudspeakers!)

A 90° conical pattern (2kHz octave band) and amazing efficiency make the SM8CXT-B and SM12CXTB a perfect choice for a wide variety of applications including school auditoriums, gymnasiums & cafeteriums, church sanctuary systems (F.O.H and/or monitors), high level foreground music systems, general live sound reinforcement (installed or portable).



SM12CXT-B



SM8CXT-B

PERFORMANCE SPECIFICATIONS								
MODEL	POWER RATING	70.7V TAPS	FREQUENCY RESPONSE (± 3dB)	SENSITIVITY (1W/1M)	MAX SPL @ 1M (Full rated power at 8 Ω)	DRIVER	DIMENSIONS	WEIGHT
SM8CXT-B	150 W RMS	7.5, 15, 30, 60 (Plus transformer bypass setting for 8Ω operation)	60Hz-15kHz	92dB	114dB	8CXT60	15.5" (394mm) H 10.625" (270mm) W 10.375" (264mm) D	19 lbs (8.6kg)
SM12CXT-B	250 W RMS	7.5, 15, 30, 60 (Plus transformer bypass setting for 8Ω operation)	55Hz-15kHz	99dB	123dB	12CXT60	19" (483mm) H 14.5" (368mm) W 14.0625" (357mm) D	39 lbs (17.7kg)



In-ceiling applications

Optional Mounting Brackets

SM8CBKT-B (Black finish) for use with SM8CXT-B system

SM12CBKT-B (Black finish) for use with SM12CXT-B system

Heavy duty "C" style mounting bracket includes returns for extra stability.

Key holes slots and OmniMount™ mounting holes (30 series for SM8CXT-B, 60 Series for SM12CXT-B) are included on the rear of the bracket for installation ease.



Floor monitor application



SM8CBKT-B
SM12CBKT-B
(optional)



8" and 12" Compression Driver Coaxial Speakers



8CXT60



12CXT60

8CXT60, 12CX, & 12CXT60

- 1" Exit true compression high frequency driver coupled to a specially designed conical wave-guide horn provides exceptional output & accurate high frequency reproduction
- High efficiency cone woofer is optimally matched with a specially designed crossover to ensure even transition between components
- 90° conical dispersion (@ 2kHz)
- Available with factory installed 60W 70.7/100V transformer (8CXT60 & 12CXT60)
- Perfectly suited for use with Atlas Sound "Q" Series enclosures

Atlas Sound compression coaxial loudspeakers are optimized for high-ceiling applications such as arenas, convention centers, gymnasiums, and auditoriums. The extreme high efficiency and higher "Q" provide the increased available SPL often required in these high ceiling applications.

In 70.7/100V systems this high efficiency can also result in lower tap settings, which can conserve amplifier power.

Models 8CXT60 & 12CXT60 Include a high efficiency built-in 60 Watt 70.7/100V transformer (Taps @ 7.5W, 15W, 30W & 60W). (12", 8 Ohm version also available Atlas Sound Model 12CX)

Both model are designed to work optimally in any Atlas Sound "Q" series high volume enclosure allowing for a complete high output solution.

Full Range Compression Driver Coaxial Speaker Systems		
MODEL	8CXT60	12CX/12CXT60
Frequency Response (±10dB)	48Hz to 18kHz	45Hz to 18kHz
Frequency Response (±3dB)	65Hz to 15kHz	60Hz to 15kHz
Power Handling	150 Watts	250 Watts
Sensitivity	92	99
Max. SPL @ 1Meter (Transformer Limited @ 60W)	110dB	117dB
Max. SPL @ 1Meter Rated Power	114dB	123dB
Nominal Impedance	8 Ohms	8 Ohms
Crossover Frequency	2000Hz	1800Hz
Dispersion Angle	90°	90°
LF Transducer	Cast Aluminum	Cast Aluminum
Basket Material		
Cone Material	Polypropylene	Treated Paper
Surround Material & Dampening	Thermal Plastic Ealstomer	Cloth Edge
Voice Coil Diameter	2" (49mm)	2.5" (63.5mm)
Magnet Weight	25 oz (708g)	70 oz (1984g)
HF Comp. Driver	Titanium	Titanium
Diaphragm Material		
Voice Coil Diameter	1" (25mm)	2" (51mm)
Voice Coil Former Material	Aluminum	Krapton®
Voice Coil Material	Copper	Copper
Throat Diameter	1" (25mm)	1" (25mm)
Magnet Weight	20oz (567g)	40oz (1244g)
Top Plate Thickness	0.218 (5.6mm)	0.218" (5.56mm)
Diameter & Depth	8" (203mm) Dia. & 8" (203mm) Deep	12.875 (322mm) Dia. & 8" (203mm) Deep
Mounting Dimensions	7.75" (196mm) Bolt Circle	11.625" (295mm) Bolt Circle
Net Weight (Less Transformer)	11 lbs	21 lbs
Recommended Enclosure For Maximum Performance	Atlas Sound Q418(1.5 Ft ³ , .042m ³)	Atlas Sound Q4182 (6 Ft ³ , .169m ³)
Transformer (8CXT60 & 12CXT60 Only): Frequency Response: 33Hz to 21kHz (±2dB) Primary Taps @ 70.7V: 60, 30, 15, 7.5 Maximum Insertion Loss 1dB		



(Front View) **C12BT60** (Rear View)

12" Full Range Coaxial Speaker System	
Frequency Response (±10dB)	48Hz to 20kHz
Frequency Response (±3dB)	68Hz to 15kHz
Power Handling*	100 Watts
Sensitivity 1W/1M**	95dB
Max. SPL @ 1Meter (Transformer Limited @ 60W)	113dB
Nominal Impedance	8 Ohm
Crossover Frequency	2750Hz
Dispersion Angle***	90°
LF TRANSDUCER	
Basket Material	Cast Aluminum
Cone Material	Treated Paper
Surround Material & Dampening	Treated Accordion Cloth Edge
Voice Coil Diameter	1.5" (38mm)
Magnet Weight	30 oz (.85kg)
HF TRANSDUCER	
Diaphragm Material	Treated Laminated Silk
Voice Coil Diameter	1" (25mm)
Voice Coil Former Material	Aluminum
Voice Coil Material	Copper
Magnet Weight	10 oz (283g)
Top Plate Thickness	0.125" (3mm)
Transformer	Frequency Response: 33Hz to 21kHz (±2db) Primary Taps @ 70.7V: 60, 30, 15, 15, 7.5 Maximum Insertion Loss 1dB
Diameter & Depth	12.875" (327mm) Dia. & 4.1875" (106mm) Deep
Mounting Dimensions	11.625" (295mm) Bolt Circle
Net Weight (Less Transformer)	10.5 lbs (4.76kg)
Warranty	5 Years
Recommended Enclosure For Maximum Performance****	Atlas Sound Q4412 (2ft. ³ , .054m ³)

* Rated power based on EIA specification
 ** Averaged from 500Hz to 2.5kHz
 *** Dispersion angle = 6dB down point at 2kHz
 **** When used in full space anechoic with the Atlas Sound Q4412 two cu. ft. enclosure the C12BT60 operates within a frequency response range of 68Hz - 20kHz (±3dB). Sensitivity is 95dB (1W/1M). Dispersion angle is 90° @ 2kHz.

C12BT60

- Factory-installed, 60W line-matching transformer to match 70.7V or 100V lines (transformer may also be easily bypassed for 8 Ohm applications)
- Heavy duty cast basket for added strength in high power applications
- Newly designed post mounted 1" tweeter section with unique mounting plate that maximizes the tweeters frequency response by reducing phase cancellation
- Greatly improved frequency response compared to our previous C12A or C123 models
- Accurate midrange reproduction and overall voicing is very pleasing for voice or music reproduction
- 90° conical dispersion in the 2kHz octave band

VALUE PRICED 12" COAXIAL LOUDSPEAKER SYSTEM

Complementing the 8CXT60, 12CX, and 12CXT60 compression drivers the C12BT60 is a value priced 12" coax which completes Atlas Sound's new family of products for high ceiling applications.

Atlas Sound Model C12BT60 is a professional quality coaxial loudspeaker for use where full range music and voice reproduction are desired. The C12BT60 is perfect for high ceiling applications. Model C12BT60 combines a 12" diameter low frequency reproducer and a 1" diameter high frequency, post-mounted reproducer. The unit features a unique tweeter mounting plate that maximizes the tweeter's frequency response by reducing phase cancellation from the woofer cone. A highly efficient built-in passive crossover network is included for determining proper frequency selection between the two reproducers. Both the low frequency reproducer and the tweeter feature permanently aligned voice coils (1.5" and 1" diameter, respectively) to assure distortion free performance. A factory installed 60 Watt variable tap line transformer is included with the package, however, the transformer can be easily bypassed for 8 Ohm applications.

The C12BT60 will work well in even the smallest volume Q Series enclosure (Q4412 2 cubic feet) with a 3dB down point of 68Hz. If required, bass response can be extended with larger volume enclosures. The inexpensive Atlas Sound model 95-12 round enclosure may also be used with model 61-12 baffle.



4" System



FA134
+ FA720-4
+ FA97-4

6" System



FA136
+ FA720-6
+ FA97-6

8" System



FA138
+ FA720-8
+ FA97-8



FA114T72



FA134T87



FA116



FA136



FA138

General Description

Strategy Series loudspeaker systems (U.S. Patent #5206464) uniquely combine full-frequency response, cost-efficiency, aesthetics, and easy installation into one complete assembly. Strategy Series systems are offered in 4", 6", and 8" sizes enabling owners, architects, contractors, and consultants to meet varying sound system requirements. UL 1480 listed for general signaling (non-fire) when used in combination with UL listed enclosures and baffles.

STRATEGY SERIES SYSTEM COMPONENTS

- **Loudspeakers.** Choose from 4", 6", and 8" coaxial or full-range models.
- **Enclosures.** Easy-to-install, front-loading enclosures secure with adjustable clamps.
- **Grilles.** Architecturally pleasing grilles push-mount for easy, hardware-free installation.
- **Mounting Accessories.** Choose tile bridge, plaster/mounting ring or rough-in trim ring.

STRATEGY SERIES LOUDSPEAKERS

FA134/FA114 — 4" Loudspeakers. Strategy Series 4" loudspeakers are ideal for low-ceiling, low-profile applications where high-fidelity and broad dispersion are required. The FA134 is the industry's first UL listed coaxial 4" loudspeaker. It features a polypropylene cone with a SBR surround, a 3/4" post-mounted dome tweeter, and a 10 oz. magnet to handle 25 Watts with excellent low frequency reproduction and smooth extended response. Model FA114 is a 10 Watt, full-range loudspeaker equipped with a paper cone and 10 oz. magnet.

FA136/FA116 — 6" Loudspeakers. The 6" Strategy Series loudspeakers combine the high performance of an eight-inch loudspeaker with the wide-dispersion of a 4". Coaxial 50 Watt model FA136 delivers excellent fidelity and response. Unit is UL listed and features a polypropylene cone woofer, 14 oz magnet, SBR surround, and a 3/4" post-mounted dome tweeter with PEI diaphragm for outstanding weather-resistant performance. Full-range Model FA116 is a 25 Watt loudspeaker comprised of a 6" driver, weather-resistant dual paper cones, half-rolled polyether foam surround, and 10 oz. ceramic magnet.

FA138 — 8" Loudspeaker. High-performance and extended sound pressure levels make the Strategy Series 8" loudspeakers ideal for prestigious venues or high/vaulted-ceiling applications. The 100 Watt, FA138 is Atlas-Sound's premium 8" coaxial loudspeaker, is UL listed and incorporates a polypropylene cone woofer, a SBR surround, a 1 1/2" vented Kapton voice coil, a 21 oz magnet, and a 3/4" PEI dome tweeter for clean and powerful weather-resistant performance.

PERFORMANCE SPECIFICATIONS BY SYSTEM (Measured IN FA97 Series Enclosure)				
MODEL	FREQ. RESP.	IMPEDANCE (NOM.)	POWER RATING	SENSITIVITY (1W/1M)
FA114	150Hz-17kHz	8 Ohm	10 Watts	89.6dB Avg./94dB Peak
FA134	110Hz-20kHz	8 Ohm	25 Watts	88dB Avg./92dB Peak
FA116	90Hz-20kHz	8 Ohm	25 Watts	89.6dB Avg./94dB Peak
* FA136	80Hz-20kHz	8 Ohm	50 Watts	88dB Avg./91dB Peak
* FA138	75Hz-20kHz	8 Ohm	100 Watts	89.5dB Avg./93dB Peak

LOUDSPEAKER SPECIFICATIONS								
MODEL SPKR-XFMR	XFMR VOLTS	XFMR PRI TAPS	SIZE	TYPE	*DISPERSION	MAG. WEIGHT	V.C. DIA.	CROSS OVER
* FA114T72	25/70.7V	.5, 1, 2, 4	4" (102mm)	Full Range	135°	10 oz (264g)	1" (25mm)	NA
* FA134T87	70.7	1, 2, 4, 8	LF: 4" (102mm) HF: 1/2" (13mm)	Coaxial	130°	10 oz (264g)	1" (25mm)	8kHz
* FA116T72	25/70.7V	.5, 1, 2, 4	6" (152mm)	Full Range	130°	10 oz (264g)	1" (25mm)	NA
* FA136	—	—	LF: 6" (152mm) HF: 1/2" (13mm)	Coaxial	130°	14 oz (398g)	1" (25mm)	5kHz
* FA136T47	70.7 (25)	.5, 1, 2, 4						
* FA136T87	70.7	1, 2, 4, 8						
* FA138	—	—	LF: 8" (203mm) HF: 1/2" (13mm)	Coaxial	110°	21 oz (580g)	1" (25mm)	3.4kHz
* FA138T87	70.7	1, 2, 4, 8						
* FA13T167	70.7	4, 8, 16						
* FA138T327	70.7	8, 16, 32						

KEVLAR® is a Registered Trademark of E.I. DuPont De Nemours and Company.

* Measured in FA97 Series Enclosure



General signaling (1480 non-fire) includes all speaker/transformer combinations when used with a UL listed enclosure and baffle.



STRATEGY SERIES ENCLOSURES US LISTED

FA97 Series/FA95 Series. Acoustically matched and treated backboxes allow Strategy Series loudspeakers to perform with optimum resonance-free operation. Standard units include three, easy-to-adjust clamps that rotate and secure with a screwdriver into ceilings up to 1/4" thick. They may also be installed by conventional screw mounting if desired. Models are offered in 4", 6" and 8" sizes in volume and economy versions. Volume Model Series FA97 and Economy Model Series FA95 are 22-gauge CRS, undercoated and equipped with four threaded loudspeaker inserts and three grille-stud receptacles. Both are finished in black epoxy. FA97 Series is lined with 5/16" thick high-density acoustic batting for superior full-range music performance.

RECESSED ENCLOSURE DIMENSIONS BY SYSTEM*								
	FA95(NK)**				FA97***(NK)**			
	ENCL. DIA.	ENCL. DEPTH	FLANGE DIA.	INTERNAL VOLUME	ENCL. DIA.	ENCL. DEPTH	FLANGE DIA.	INTERNAL VOLUME
4"	5 3/8" (137mm)	6 1/8" (156mm)	7 1/8" (192mm)	.08 ft ³	5 3/8" (137mm)	7 1/8" (194mm)	7 1/8" (192mm)	.10 ft ³
6"	7" (178mm)	6 1/8" (156mm)	9 1/8" (238mm)	.14ft ³	7" (178mm)	7 1/8" (194mm)	9 1/8" (238mm)	.17 ft ³
8"	8 1/2" (216mm)	6 1/8" (156mm)	10 1/8" (276mm)	.20ft ³	8 1/2" (216mm)	7 1/8" (194mm)	10 1/8" (276mm)	.25 ft ³

* When ordering, suffix model with system size — ie: FA95NK-4 ** (NK) = Models Without Knockouts
 *** FA97 Series only is recommended for use with coaxial speaker series FA134, FA136, and FA138

STRATEGY SERIES GRILLES US LISTED

FA51/FA720/FA730. Choose from round Model Series FA51, FA720, and FA730 and to provide a clean and hardware-free appearance. All grilles are equipped with three, welded and serrated studs for push-on installation to Strategy Series enclosures or mounting rings. Suffix model with (-4), (-6), or (-8) to match system components.

GRILLE MODEL	GRILLE DIMENSIONS BY SYSTEM*		
	4"	6"	8"
FA51	7 7/8" Dia. x 5/16" Proj. (216mm x 8mm)	9 1/8" Dia. x 5/16" Proj. (245mm x 8mm)	11 1/8" Dia. x 5/16" Proj. (283mm x 8mm)
FA720	7 7/8" Dia. x 5/16" Proj. (216mm x 8mm)	9 1/8" Dia. x 5/16" Proj. (245mm x 8mm)	11 1/8" Dia. x 5/16" Proj. (283mm x 8mm)
FA730	7 7/8" Dia. x 5/16" Proj. (216mm x 8mm)	9 1/8" Dia. x 5/16" Proj. (245mm x 8mm)	11 1/8" Dia. x 5/16" Proj. (283mm x 8mm)

* When ordering, suffix model with system size — ie: FA51-4.

Enclosures are UL 1480 general signaling listed and accepted under UL 2043 for use in air handling "plenum" spaces.

PRE-ASSEMBLED STRATEGY SERIES 6"

The Strategy Series speaker packages are designed for the contractor who wants to install premium-quality, state-of-the-art products, in a simple to order, simple to install package. The speaker and back can come pre-assembled—simply take them out of the box and install! Each package contains 2-tile bridges, 2-attractive 720 series grilles and 2-speaker/can assemblies. Model FAP136T87-720 include the highly efficient HT87 8 Watt transformer pre wired and terminated to a BX box.

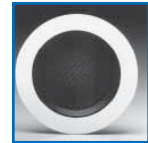
MODEL	SPEAKER	XFMR	ENCLOSURE	BAFFLE	TILE BRIDGE
FAP136T87-720	FA136	HT87	FA97-6	FA720-6	FA81-6



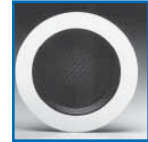
FA97-6



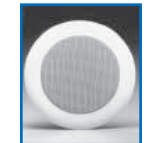
FA170-6



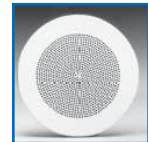
FA730-6



FA730-6



FA720-6



FA51-6



FAP136T87-720 Package



Strategy Series® Loudspeakers



FA81-8



FAPR-6



FA-TR6



FAMT-6

STRATEGY SERIES MOUNTING ACCESSORIES (OPTIONAL)

FA81-4/FA81-6/FA81-8. Tile bridges are designed to prevent ceiling tile sag by distributing the loudspeaker assembly weight to the ceiling's support members. Model Series FA81 is offered in 4", 6", and 8" sizes and accepts both the FA95 Series and FA97 Series enclosures. It also mounts the FAPR Series plaster/mounting rings. Models are constructed of 24-gauge electro-galvanized steel.

DIMENSIONS				
MODEL	CUT-OUT	LENGTH	WIDTH	DEPTH
FA81-4	6½" (163mm)	23¾" (600mm)	14½" (359mm)	¼" (6mm)
FA81-6	8½" (206mm)	23¾" (600mm)	14½" (359mm)	¼" (6mm)
FA81-8	9¾" (248mm)	23¾" (600mm)	14½" (359mm)	¼" (6mm)

FAPR-4/FAPR-6/FAPR-8. Plaster/mounting rings are used to mount Strategy Series 4", 6", and 8" loudspeakers into ceilings and walls for applications where a backbox cannot be used, or where it is not desired. (NOTE: The mounting configuration of Strategy Series requires that an enclosure or plaster mounting ring be used to mount both the loudspeaker and the grille). Units are constructed with the same internal mounting flange as Series FA95 and FA97 enclosures to accommodate ceiling/wall thickness up to 1¼". Rings may be used to mount non-transformer equipped loudspeaker models into walls having a min. depth of 3½" and transformer-equipped models into walls with a minimum depth of 5½" (measured from the front of the mounting surface to the rear of the inside mounting area). Series FAPR is constructed of 20-gauge CRS and finished in textured black epoxy. It is equipped with four threaded inserts for loudspeaker installation and three stud receptacles for mounting Strategy Series grilles. Cut out dimensions are: FAPR-4 – 6½" (163mm)/FAPR-6 – 8½" (227mm) FAPR-8 – 9¾" (248mm).

FA-TR4/FA-TR6/FA-TR8. Trim ring/rough-in brackets are offered in three sizes to allow for easy installation of enclosures or plaster/mounting rings for Strategy Series 4", 6", and 8" loudspeakers in walls or ceilings. Units install prior to drywall installation and serve as a pattern cut-out for the drywall contractor. This time-saving step identifies pre-wire location, expediting installation. Trim ring mounting ears span 25¾" W and will accommodate ¾" to 1¼" thick drywall. Mounting holes are provided to match both 16" and 24" stud centers. Finish is black epoxy.

FAMT-6. Mounting ring/adaptor for retrofit applications allows a 6" cone or horn loudspeaker to mount an 8" enclosure and/or baffle.



4" and 8" Loudspeaker Drivers



FC104-T70



C803A-T87



C5A



C10A

HIGH-PERFORMANCE 4" AND 8" CONE LOUDSPEAKERS

Atlas Sound high-performance loudspeakers are the standard for professional sound reinforcement and music systems in offices and retail establishments, auditoriums, meeting rooms, houses of worship, restaurants, clubs, transportation terminals, and recreation and sports centers throughout the world. Selection includes standard 4" and 8" coaxial models. Many units are UL listed. All are available with factory-installed, constant-voltage transformers (order separately) to meet individual project requirements.

MODEL	FC104	C803A	C5A	C10A
SIZE	4" (127mm)	LF: 8", HF: 3" (203, 76mm)	8" (203mm)	8" (203mm)
TYPE	High Compliance	High Compliance Coaxial	Dual Cone	Dual Cone
WATTS	10	16	15*	25*
RESPONSE**	150Hz to 17kHz	70Hz to 15.5kHz	60Hz to 18kHz	65Hz to 19kHz
MAG. WT. (OZ.)	10 (260g)	LF: 10, HF: 2.35 (260, 67g)	5 (142g)	10 (260g)
MAG. MATL.	Ceramic	Ceramic	Ceramic	Ceramic
CROSSOVER	—	2800Hz	—	—
V.C. IMP.	8 Ohm	8 Ohm	8 Ohm	8 Ohm
V.C. DIA.	1" (25mm)	LF: 1", HF: ¾" (25, 14mm)	1" (25mm)	1" (25mm)
FLUX DENSITY (GAUSS)	10,500	LF: 10,600 HF: 7,200	9,200	10,600
SENSITIVITY Peak, 1W/1M	94dB	96dB	96dB	97dB
DEPTH (Less Xfmr)	2¼" (57mm)	2¼" (73mm)	2¼" (67mm)	2¼" (73mm)
XFMRS AVAIL. (order separately)	HT47, LT70, LT72, LT87	HT47, LT70, LT72, LT87, HT167	LT25(70), LT72	LT25(70), LT72

** Measured in an infinite baffle.



General signaling (1480 non-fire) models - C5AT72 & C10AT72 (2043 plenum) models - FC104T47, FC104T72, C803AT47, C803AT70, C803AT72, and C803AT87 when used in combination with a UL listed enclosure and baffle.



SPEAKER PACKAGES SD & GD (UL 1480, 2043)

Use Atlas Sound's cost effective, 8" diameter, multi-purpose, loudspeaker packages for high quality music reproduction or paging in any commercial, retail, industrial, or institutional application.

SD72 Features

- 8" 10 oz Dual Cone Speaker
- Factory Assembled High Quality 25/70.7V Transformer
- Provides Familiar Response & Performance

GD87 Features

- 8" Coaxial, 16 Watt, Loudspeaker Offers Proven Performance with Extended High Frequency Response
- Factory Assembled High Quality 8 Watt 70.7V Transformer

Model	XFMR	Primary Taps (Watts)	Insertion Loss	Speaker Type	Magnet Weight	Sensitivity 1M/1W	Freq Resp (±5dB)
SD72	25/70V	.25, .5, 1, 2, 5	1.5dB	8" Dual Cone	10 oz. (260g)	97dB	65Hz to 20kHz
GD87	70.7V	1, 2, 4, 8	.6dB	8" Coaxial	10 oz. (260g)	99dB	60Hz to 20kHz

Both models are designed to work with a wide variety of standard Atlas Sound tile bridges & enclosures:

SD72 Dimensions match Atlas Sound model C10AT72

GD87 Dimensions match Atlas Sound model C803AT87

All models individually packaged for stocking and ordering convenience

IF YOU ARE CURRENTLY USING C5AT25 C5AT47 C5AT70 C5AT72 C10AT25 C10AT47 C10AT70 C10AT72	➔	USE ATLAS SOUND MODEL SD72
IF YOU ARE CURRENTLY USING C803AT47 C803AT70 C803AT72 C803AT87	➔	USE ATLAS SOUND MODEL GD87

SD72W(V). The speaker used in the SD72W package is the next generation of Atlas Sound high performance cone loudspeakers, very similar to the preceding C Series speakers. The similarity in the sonic qualities ensures that contractors and designers who have worked with the C Series in the past will know exactly what to expect when they purchase the SD72W package. The SD72W includes a 10 oz magnet dual cone loudspeaker with 5 Watt dual voltage transformer fully assembled onto an attractive CRS white powder coated grille with standard mounting holes to accommodate the majority of Atlas Sound standard 8" enclosure, trim rings and tile bridges. This baffle includes welded speaker mounting studs making for a more discrete installed appearance. All mounting screws are included in the package. Model SD72WV includes a 5 Ohm baffle mounted potentiometer for applications requiring local volume control.

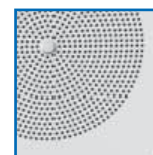
GD87W. The speaker used in the GD87W package is the next generation of Atlas Sound high performance coaxial 8" cone loudspeakers, very similar to the preceding C803A Series speakers. The similarity in the sonic qualities ensures that contractors and designers who have worked with the C803A Series in the past will know exactly what to expect when they purchase the GD87W package. The loudspeaker is matched with a high efficiency 8 Watt 70.7V transformer with a maximum insertion loss of 0.6dB. The primary taps are 1, 2, 4, and 8 Watts. Speaker/transformer is fully assembled onto an attractive CRS white powder coated grille with standard mounting holes to accommodate the majority of Atlas Sound standard 8" enclosure, trim rings, and tile bridges. This baffle includes welded speaker mounting studs making for a more discrete installed appearance. All mounting screws are included in the package.



SD72



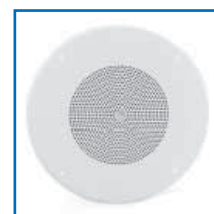
GD87



SD72WV Volume Control



SD72W

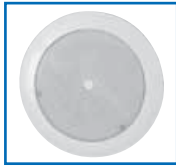


GD87W

IF YOU ARE CURRENTLY USING FD25W FD70W FD72W G62-8 HD25W HD70W HD72W D62-8	➔	USE ATLAS SOUND MODEL SD72W
IF YOU ARE CURRENTLY USING C803AT47 w/ 62-8 Baffle C803AT70 w/ 62-8 Baffle C803AT72 w/ 62-8 Baffle C803AT87 w/ 62-8 Baffle	➔	USE ATLAS SOUND MODEL GD87W
IF YOU ARE CURRENTLY USING SV1-2 SV1-7 SV1-72 SV2-2 SV2-7 HV1-2 HV1-7 HV1-72 HV2-72	➔	USE ATLAS SOUND MODEL SD72WV



DLS4



DLS4



DLS4 - In-Ceiling



DLS4 mounted on FA81-4



DLS4 on a FATR-4

DLS4 COMPACT 4" HIGH EFFICIENCY SPEAKER SYSTEM (UL 1480)

- Small footprint and press-fit grilles give discrete installed appearance
- Tap selector switch located behind speaker magnet with shaft through center of cone. Selector knob doubles as a dispersion cone and allows tap selection to be done after the speaker is installed in the ceiling
- 8 W, high efficiency internal transformer (may be bypassed by tap selector switch)
- Works in most any new or retro-fit ceiling application with Atlas Sound hardware
- UL1480 general signaling approval pending

The DLS4 was specially designed for optimum use in low ceiling paging and background music applications where wide dispersion, high efficiency, and ease of installation are required. The DLS4 is perfectly suited for use in airports, train stations, retail stores, and hospitality applications.

A unique (patent pending) tap selector switch design allows for easy system tuning. A full selection of taps up to 16W as well as an 8Ω bypass setting is included for maximum system versatility. This switch "knob" also functions as a diffuser cone, providing smooth, even dispersion of the high frequency content from the center of the 4" driver.

The easy to use DLS4 "dog leg" mounting system works with several popular Atlas Sound hardware combinations for use in new or existing drywall or acoustic ceilings with or without conduit! For mineral tile applications the popular FA81-4 tile bridge has been modified to allow "twist lock" installation of the economical CS95-8 Plenum rated enclosure.

MODEL	POWER RATING	FREQUENCY RESPONSE (±5dB)	SENSITIVITY (1W, 1M)	DISPERSION**	WOOFER MAGNET WEIGHT	DIM	CUT-OUT DIMENSION	WEIGHT
DLS4	16 W @ 8 Ω	150Hz to 17kHz	92dB	105°	10 oz (264g)	7¼" (197mm) Bezel Diameter 4¼" (108mm)	6¼"	3 lbs (1.503g)

* When used in CS95-8 Enclosure

** 2kHz octave band (averaged)

Suggested Mounting Hardware

Mineral Tile - no enclosure

FA81-4 Tile Bridge

Mineral Tile with enclosure

FA81-4, CS95-8

Drywall Ceiling new construction - no enclosure

FA-TR4

Drywall Ceiling new construction - with enclosure

FA-TR4, E410NT



FD/EZFD SERIES, HD/EZHD SERIES

Industry-favorite loudspeaker packages for ceiling installations are available in standard and EZ Mount Versions (EZ) where noted. Packages include loudspeaker with 5oz (FD/EZFD) or 10oz (HD/EZHD) magnet, choice of transformer and grille. Patented EZ Mount assemblies are designed for use in standard 2 x 4 lay-in ceiling installations when backboxes are not required. All EZ Mount loudspeakers have pre-mounted brackets and install quickly with wingnuts to support rails provided.

FD/EZFD SERIES	HD/EZHD SERIES	BAFFLE	TRANSFORMER	STD Pack
FD25W	HD25W	51-8	25V	6
FD70W	HD70W	51-8	70.7V	6
FD72W	HD72W	51-8	25/70.7V	6
TFD72WC	THD72WC	T62-8	25/70.7V	6
FD25M222W	N/A	M222W	25V	6
FD72M222W	N/A	M222W	25/70.7V	6

All models except
TFD Series Mount

ENCLOSURES:	MOUNTING RINGS:	T-BAR BRIDGE:
(EZ)95 Series (EZ)96 Series Q408, BMT95-8(-7) CS95-8(NS)	75-8, 75-8E2, 76-8, 76-8E2, P77-8, P78-8	81-8(R)S

TFD Series Mount

ENCLOSURES:	MOUNTING RINGS:	T-BAR BRIDGE:
T95-8 Series, BMT95-8(-7), EZ95-8	T75-8(E1)(E2)	81-8S

* EZ Series will not accept an enclosure. For installations that require a backbox, see EZ Mount enclosure system (Section 3, page 38).

D SERIES/G SERIES

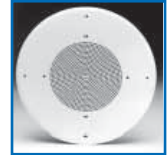
Quality loudspeaker packages for ceiling or wall installation include loudspeaker with 10oz (D Series) or 5oz (G Series) magnet and dual-voltage transformer and choice of two grilles.

SPEAKER PACKAGE			RECOMMENDED			
D	G	BAFFLE	XFMR	STD PACK	ENCL.	MTG. RING
D161-8	G161-8	161-8	Dual Voltage 25/70.7	6	198 Series, SE175-4	72-8(E1) 81-8(S)

FD/HD Series



FD/HD speaker/XFR



baffle 51-8
(shown)

EZ Series



FD, HD, SV or HV
Series speaker/xfmr
+ baffle + EZ Rails

D/G Series



C5A/C10A speaker/
xfmr +



baffle 161-8
(shown)



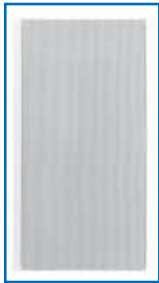
Slant Wall-Mount Baffle Systems



IS125SYS



IS125SYS Side View



IS125SYS Front View

IS125SYS- 1' x 2' SYSTEM SPEAKER WITH ENCLOSURE (UL 1480)

- Easy to install 1' x 2' "Lay in Design"
- External tap selector switch
- Integral E.O. box for conduit or plenum wire termination
- Low profile conical enclosure
- Compact, 2-unit master pack saves warehouse space

The new IS125SYS from Atlas Sound combines ease of installation with superb intelligibility for speech and music reproduction. The 1' x 2' footprint allows quick installation into 2' x 2' or 2' x 4' acoustic tile ceilings. The integral tile bridge rail may be repositioned to either side of the unit for maximum installation flexibility. The E.O. Box (with cover) is smartly positioned on the side of the conical enclosure to facilitate rigid or flexible conduit. An external tap selector switch (located on the side of the enclosure) allows for easy system tuning by providing quick installer access to the 70.7V tap settings ranging from .25 to 4 Watts. The IS125SYS may also be modified for 8Ω applications by simply removing the conical style enclosure to access the wiring connections.

A neutral white finish on the perforated baffle and edge support ensures the IS125SYS will blend in with any acoustical tile material.

The IS125SYS is perfect for applications in the education market including classroom paging and multi-purpose rooms. The IS125SYS is also perfectly suited for background music/paging in offices and retail settings.

SPECIFICATIONS

SPEAKER	NOMINAL FREQ. RESP.	SENSITIVITY	DISPERSION	TRANSFORMER TAPS	XFMR INSERTION LOSS	DIMENSIONS	WEIGHT	COLOR
8", 10 oz Dual Cone	85Hz-8kHz (± 5dB)	97dB (1W/1M)	105° - 2kHz Octave Band (-6dB)	.25, .5, 1, 2, 4 Watts	1.5dB	23¾" L (606mm) 12½" W (327mm) 4½" H (114mm)	9.5 lbs (4.3kg)	Neutral White



4" Loudspeaker/Transformer/Baffle Packages



B161-4



BT720-4

B SERIES

Often requested as a special assembly, the popular FC104 high-compliance 4" loudspeaker is available with transformer premounted to a selection of standard screw-mount and labor-saving torsion spring (T) grilles. For additional convenience, time and cost savings, two models are available with the patented EZ Mount installation system for applications which do not require a backbox.

Complete loudspeaker specifications are listed under high performance loudspeakers; this section.

MODEL	SPEAKER	XFMR	BAFFLE	ENCL. or MTG. or UL (Order separately) or ENCL. H	
B51-4	FC104 4" (127mm) High Compliance	25/70.7	51-4	(EZ)96-4, (EZ)96-4X, 76-4, 81-4	96-4,96-4X
EZB51-4		25/70.7	T51-4	Not Required	—
BT51-4		25/70.7	T61-4	(EZ)E410/PR411/BMT95-4(7)	—
B161-4		25/70.7	T161-4*	198-4, SE198-4	—
EZB161-4		25/70.7	T161-4*	Not Required	—
BT10-4		25/70.7	T710-4	(EZ)E410/PR411/BMT95-4(7)	—
BT720-4		25/70.7	T720-4	(EZ)E410/PR411/BMT95-4(7)	—
BT720-4-T47		70.7	T720-4	(EZ)E410/PR411/BMT95-4(7)	—

* Model T161-4 baffle is available only as a B Series assembly.



VP14

VP14. The VP14 vandal resistant slanted wall mount baffle, finished in attractive, neutral beige, is ideal for use in high-security areas such as schools and correctional facilities. It's sturdy, 14-gauge baffle construction and specially designed protective labyrinth screen protects the enclosed speaker assembly against abuse. Each package contains a high-quality 8" diameter loudspeaker with a 10oz ceramic magnet complete with factory assembled 25/70.7V transformer including four power taps (.5, 1, 2, & 4 Watts). The VP14 exhibits a wide frequency response with low distortion. VP14 includes an adapter to comply with Wiremold™ 500 and 700 series conduit. This adapter can be installed securely through any of the standard round combination knockouts that are included on all four sides of the VP14.

VP14 SPECIFICATIONS						
Speaker Type	Magnet Weight	XFMR	Primary Taps	Baffle Material	Encl. Material	Finish
Dual Cone	10 oz (226g)	25/70.7V	.5, 1, 2, 4	#14 Gauge CRS	#16 CRS Steel	Matches Wiremold™ Beige

WD SERIES

Attractive surface mounting loudspeaker packages with 10 oz magnet and choice of transformer are mounted in a sloped baffle with black fabric grille. Models with (V) suffix include volume control option.

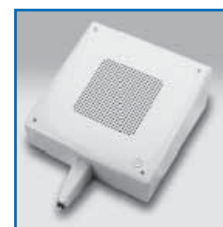
MODEL	BAFFLE/ENCLOSURE	TRANSFORMER	50 OHM POT	STD PACK
WD417-25	417-8WD	25V	NO	2
WD417-72		25/70.7V	NO	2
WD417-72V		25/70.7V	YES	2

SBMS

background music are desired in open ceiling applications. This ready-to-install unit combines exceptional performance and fast installation into one complete package making the SBMS ideal for use in open ceiling venues such as: retail superstores, warehouses, light industrial facilities, multi-purpose athletic buildings, cafeterias, and convention/civic centers.

Pre-assembled unit feature an 8" dual-cone loudspeaker with a 25/70.7V transformer mounted within a square enclosure with matching baffle. Loudspeaker selection includes a 25 Watt 10 oz dual cone loudspeaker. Assemblies include two, easy-to-secure screw-down clamps mounted to the top of the enclosure. Clamps provide for quick and easy mounting onto beams, girders, and other surfaces (max. 1/2" thick) common to open-ceiling installations. The square SBMS package includes a 712 cubic inch enclosure paired with an attractive square baffle. This grille features one-piece, CRS construction. The SBMS is infinitely flexible, complying with a variety of conduit requirements. Integral knockouts facilitate 1/2" and 3/4" conduit where required by code while and integral "romex" style connector simplifies installation for applications where conduit is not required at all. Assemblies are shipped ready for installation with lead wires extending out of the enclosure through a wire-securing cable clamp. Finish is white powder coat epoxy.

MODEL	SPEAKER	XFMR	TAPS (WATTS)	ENCLOSURE VOLUME
SBMS	10 oz (260g) Dual Cone	25/70.7V	.5, 1, 2, 4	712 Cubic In.



Shown with wire mold adapter (included)



FD speaker/xfmr +



417-8WD baffle/enclosure

Open-Ceiling, Beam-Mounting Loudspeakers



SBMS

Subwoofer Amplifier/Electronic Crossover System



THP-CXB. A dedicated 100 Watt RMS amplifier with an active crossover that enhances lower frequencies to the subwoofer speaker system. Perfect for use with model HTS28W in-wall sub system.

AMPLIFIER SPECIFICATIONS	THP-CXB
POWER OUTPUT	100 Watts RMS, 8 Ohm Load 200 Watts Peak Power Output, 4 Ohm Load
ELECTRONIC CROSSOVER	
LOW PASS	24dB/octave at 85Hz
HIGH PASS	6dB/octave at 85Hz
INPUT SENSITIVITY	25mV RMS in for Rated Power
PROTECTION	Short-Duration, Short Circuit Protection
DIMENSIONS	17"W x 4 1/4"H x 12 3/4"D (432 x 105 x 324mm) (Including Volume Control Knobs and Connectors)
POWER SOURCE	117VAC 60Hz



THP-CXB



MTX In-Walls & In-Ceiling Speakers

In-Wall and In-Ceiling Speakers and Powered Subwoofers by MTX Audio

Atlas Sound is proud to include a select offering of quality residential speaker products by MTX Audio. MTX Audio and Atlas Sound are both Mitek Corporation companies sharing in technologies and engineering resources. All models include: white aluminum mesh grilles (paintable), stainless steel hardware, push-pin terminals, install-ready pre-assembly, and an industry leading 10 year warranty. All models are 8 Ohm.



HT8253W



HT825W

"Best" 8" In-Wall System

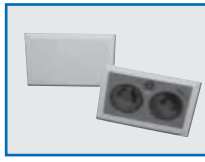
HT8253W. Outstanding, professional performance - perfect for boardroom applications. 3-way design provides outstanding clarity with full range sound. Video shielding allows use near CRT screens.

"Better" In-Wall Systems

Models HT625W and HT825W. These superior in-wall speakers accurately reproduce even the most demanding music. The soft swivel dome tweeter construction uses a neodymium magnet. The polypropylene woofer cone with butyl rubber surround is lightweight and rigid to accurately reproduce extremely low frequencies. IR (infrared) knockout is also provided for use with the Atlas Sound M-1A repeater.



MODEL 502W



HT2625W

"Good" In-Wall Systems

Models 502W and 602W. True performers, with a 1/2" balanced dome tweeter and poly woofer. These value packed speakers are built to please.

Center Channel System

HT2625W. A perfect match with HT8253Ws for 5.1 boardroom and home theater systems. Dual 6 1/2" system with dome tweeter. Unit is magnetically shielded.

In-Wall Sub System

HTS28W. Dual 8" sub with stereo input, passive crossover network.

Weather Resistant In-Ceiling Audio Systems

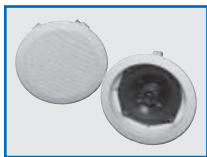
MTX Audio's in-ceiling speakers feature materials chosen for two specific reasons: superior sonic qualities and weather resistant properties (butyl rubber surrounds, aluminum grilles, and stainless steel hardware). Easily integrated into bathrooms, outdoor patios, and other high humidity areas without worry.

New Construction Rough-In Kits

Hole Providers for MTX Audio Loudspeakers SOLD IN MASTER PACK QUANTITIES OF 12 UNITS ONLY.



HTS28W



MODEL 512C



HP5CA

Models	Woofer	Tweeter	Freq. Resp. (±3dB)	Power RMS/	Sensitivity	Cut-out Size	Construction Kits
HT8253W	8" Glass Fiber*	20mm Cloth Pivoting	40Hz-20kHz	125/250	88dB	10 1/2" x 16 1/8"	RIK11W
HT625W	6 1/2" Glass Fiber	30mm Cloth Pivoting	45Hz-20kHz	60/120	86dB	8 7/8" x 12 1/8"	HP8WA/RIK8W
HT825W	8" Glass Fiber	30mm Cloth Pivoting	40Hz-20kHz	80/160	87dB	10 1/2" x 14 3/4"	RIK10W
Model 502W	5 1/4" Poly	1/2" Balanced Dome	53Hz-20kHz	45/90	84dB	6 1/8" x 9 1/2"	HP5W/RIK5W
Model 602W	6 1/2" Poly	1/2" Balanced Dome	43Hz-20kHz	50/100	85dB	7 1/4" x 10 3/8"	HP6WA/RIK6W
HT2625W	(2) 6 1/2" Glass Fiber	30mm Cloth Pivoting	45Hz-20kHz	100/200	89dB	14 3/8" x 8 3/8"	RIK26W
HTS28W	(2) 8" Glass Fiber	-	30Hz-100Hz	200/400	90dB	10 1/2" x 18 1/2"	RIK28W
Model 512C	5 1/4"	1/2" Balanced Dome	72Hz-20kHz	30/60	85dB	6 1/2" dia.	HP5CA/RIK5C
Model 612C	6 1/2"	1/2" Balanced Dome	50Hz-20kHz	35/70	85dB	7 1/16" dia.	HP6CA/RIK6C
Model 812C	8" Poly	1/2" Balanced Dome	40Hz-20kHz	45/90	85dB	9 1/2" dia.	HP8CA/RIK8C

* 50mm Cloth Midrange



Powered Subwoofers

The powered subwoofers is essential to any real boardroom presentation system or home theater. With up to 250 Watts of house shaking power, MTX powered subwoofers boom, roar, thump thunder, and more. The **SW1212** and **SW1515** with "Active Compression Circuitry", deliver gut-wrenching low frequencies at seriously high SPL levels without breakup or coloration.

Model	Woofers	Amp Power	Frequency Response (±3dB)	Tuning	Input	Output	Phase Switch	Level Control	Auto Turn On	Delay Off	Low Pass Slope	Sub Sonic Filter	Dimensions	Weight
SW1212	12"	150W	27Hz-120Hz	Passive Radiator	Spkr Level/ Unbalanced Stereo Summing RCA Line	High/ Line	0°/180°	Yes	Yes	10 Min	24dB	18dB@ 25Hz	17¼" x 15" x 19"	47.5 lbs
SW1515	15"	250W	27Hz-120Hz	Passive Radiator	Spkr Level/ Unbalanced Stereo Summing RCA Line	Line	0°/180°	Yes	Yes	10 Min	24dB	18dB@ 25Hz	17¼" x 15" x 19"	53 lbs



SW1212



SW1515

"Add-A-Zone" Systems



Musica " Add-A-Zone" Kits

Designed to allow easy installation of in-wall or in-ceiling distributed 8 Ohm systems for small office or home systems using standard 8 Ohm consumer style receivers. Kit includes (2) in-ceiling (**ADZ612C**) or in-wall speaker systems (**ADZ502W**), (1) 50 Watt impedance matching volume control, speaker input wall plate, and 100' of 16-2 speaker wire.



ADZ502W



ADZ612C



25, 70.7, & 100V TRANSFORMERS

Selection of single voltage or combination use constant-voltage line transformers includes models for professional and commercial sound and for intercom (45 Ohm) applications. Transformers with 8 or 4 Ohm impedance mount standard 4" or 8" loudspeakers without additional hardware except Model HT167 which may require bracket Model CX188329. For convenience and cost savings, Atlas Sound loudspeakers can be ordered with factory-installed transformers. Consult loudspeaker specifications or technical service for proper loudspeaker transformer combinations to meet your installation requirements. For additional transformer information see spec # SL1-1369 or SL1-1450 (Transformers for compression drivers are listed in Section 2, page 29).



AF140



HT47(42)



HT87(810)



HT167



HT327



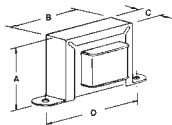
T18



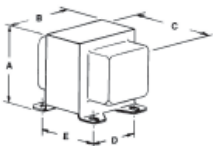
LT Series



HX32-4570(25)



All models except HT327 & AF140



HT327 & AF140

MODEL	PRI. VOLTS	FREQUENCY RESPONSE	PRIM TAPS (WATTS)	SECONDARY IMPEDANCE (OHM)	INSERT LOSS	PRIM TERM	SECONDARY TERM	CORE SIZE	POWER RATING (WATTS)
AF140	—	30Hz-15kHz ±1dB	Auto Transformer		.3dB	6" (152mm) Color Coded		1 3/8" x 1 3/8" (35 x 35mm)	150
HT42	25	60Hz-12kHz ±1dB	.5, 1, 2, 4	8	1.0dB	6" (152mm) Color Coded	6" (152mm) Color Coded	5/8" x 5/8" (16 x 16mm)	4
H47	70.7	60Hz-12kHz ±1dB	.5, 1, 2, 4	9	1.0dB	6" (152mm) Color Coded	6" (152mm) Color Coded	5/8" x 5/8" (16 x 16mm)	4
HT87	70.7	30Hz-15kHz ±1dB	1, 2, 4, 8	4, 8	.6dB	6" (152mm) Color Coded	6" (152mm) Color Coded	3/4" x 3/4" (19 x 19mm)	8
HT167**	70.7	30Hz-15kHz ±1dB	4, 8, 16	4, 8	.6dB	6" (152mm) Color Coded	6" (152mm) Color Coded	1" x 1" (25 x 25mm)	16
HT327	70.7	30Hz-15kHz ±1dB	8, 16, 32	4, 8	.6dB	6" (152mm) Color Coded	6" (152mm) Color Coded	1 1/4" x 1 1/4" (25 x 25mm)	32
T18	70.7	60Hz-20kHz ±1dB	2.5, 5, 10, 20, 40, 60	4, 8, 16	.5dB	Solder Lugs	Solder Lugs	7/8" x 7/8" (16 x 16mm)	60
LT70	70.7	100Hz-10kHz ±1.5dB	.5, 1, 2, 5	8	1.5dB	6" (152mm) Color Coded	3" (76mm) Self Leads	1/2" x 5/8" (13 x 16mm)	5
LT72	70.7	100Hz-10kHz ±1.5dB	.5, 1	8	1.5dB	6" (152mm) Color Coded	Com. Lead + Terminals	1/2" x 5/8" (13 x 16mm)	4
HX33-55	25	150Hz-9kHz ±2dB	.5, 1	45	1.5dB	6" (152mm) Color Coded	4" (102mm) Color Coded	3	1

* One common, two with fast-on terminals.

** CX188329 is offered as a dedicated HT167 mounting bracket to facilitate high-powered systems utilizing loudspeaker models: C5A, C10A, C10LWA, C803A, CF883.

Note: Model AF140 consists of a single coil autoformer with multiple taps for maximum flexibility in matching a wide variety of loudspeaker loads to power amplifier outputs. A single AF140 will handle loads up to 150 Watts and by connecting two units in series, power handling capacity can be increased to 300 Watts.