



STRATEGY SERIES™ 6" COAXIAL SYSTEM LOUDSPEAKERS

FA136
Series

ONE



FA136

TECHNICAL SPECIFICATIONS

Size:	LF: 6" (152mm), HF: ½" (12mm)
*Power Handling:	35 Watts RMS, 50 Watts Peak
*Sensitivity (1W/1M):	88dB Average, 91dB Peak
Impedance:	8 Ohms, Nominal
*Frequency Response:	80 Hz- 20 kHz (±5dB)
*Dispersion:	130° (2 kHz Octave Band, -6dB Points)
Diameter & Depth:	6⅝" Dia. & 3¼" Deep (167 & 83mm)
Mounting Dimensions:	6⅛" (156mm) Bolt Circle
Cone Material:	Polypropylene with Kevlar®
Surround Material:	Norsorex
Damping:	Half Roll Up
Flux Density:	10,200 Gauss
Crossover:	5,000 Hz
Magnet Weight:	14 oz. (398g), Nominal
Basket Material:	Painted Stamped 20 ga. CRS
VC Material:	Copper
VC Diameter:	1" (25mm)
VC Former Material:	Kapton
VC Winding Width:	.380" (10mm)
Top Plate Thickness:	.232" (6mm)
Weight:	2.7 lbs. (1212g)

(*Measured in FA97-6 Enclosure)

THIELE-SMALL PARAMETERS

Pe: 35 watts	Qes: .270	Sd: 20.6 (in ²)
Fs: 57 Hz	Qms: 6.18	Le@1kHz: 1.2 mH
Xmax: .11"	BL: 11.4 N/A	Mms: .536 oz.
Resistance: 6.4 ohms	Efficiency: .86%	Cms: .089 in./lb.
Qts: .258	Vas: .448 (ft ³)	

FEATURES

- Patented, Easy-to-Install Loudspeaker Mounting System
- Achieves Fidelity Similar to an 8" (203mm) System with Wider Dispersion
- Uses Advanced Materials to Deliver 50-Watts with Full Bass and Crisp Highs
- Front Loads into Specially Designed, Acoustically Matched Enclosure
- Offers Choice of System UL Listed Components Including Transformers, Acoustic Enclosure, a Tile Bridge, Plaster Ring and Hardware-Free Grilles

APPLICATIONS

Specify and install Strategy Series 6" loudspeakers to deliver full-range performance similar to an 8" unit. Model FA134 satisfies the needs of owners, architects, contractors and consultants by delivering high-quality sound reproduction and wide dispersion in an economical, attractive and easy-to-install system. Model FA136 is particularly suited to high-fidelity installations where music and intelligible speech are relied upon to establish mood or disseminate information. Typical installations include hotels, casinos, restaurants, boutiques, health clubs, lobbies, convention centers, professional offices, meeting and board rooms.

GENERAL DESCRIPTION

Model FA136 (U.S. Patent #5206464) is a high-fidelity, coaxial, 6" loudspeaker that delivers 50-watts with full frequency response and wide dispersion. UL listed assemblies are manufactured with high-quality materials including a Kevlar®, fiber-reinforced, polypropylene woofer and a Norsorex synthetic rubber surround for high-definition bass, structural integrity, effective damping and weather-resistance. Each unit includes a post-mounted dome tweeter with a mylar diaphragm and ferrofluid-cooled voice coil for smooth response and excellent power handling capability.

Model FA136 has been engineered as a system with a high performance matched enclosure, choice of transformers and attractive grilles. Strategy Series high performance enclosure Model FA97-6 is a deep backbox with a volume of (.17 ft³) complete with acoustic battling. The enclosure front-loads the loudspeaker, is offered with and without knockouts (NK) and installs quickly and easily into the ceiling using only a screwdriver to adjust the rotating clamps, or to tighten conventional screws. For limited depth installations, mounting ring Model FAPR-6 and low profile enclosure model FA95-6 are offered. Grilles are equipped with three serrated studs for hardware-free, push-on installation. For detailed information on enclosures, grilles and optional accessories, refer to SL1-1438.

MODEL	INCLUDES XFMR			MOUNTS★ ENCLOSURE	MOUNTS★ GRILLE	OPTIONAL ACCESSORIES
	MODEL	VOLTS	PRIMARY TAPS			
★ FA136	-	-	-	FA97-6(NK) FA95-6	FA51-6 (9⅝" Dia. Round)	FA81-6 (Tile Bridge)
★ FA136T47	HT-47	70.7	.5, 1, 2, 4		FA170-6 (10⅛" Square)	FA-TR6 (Trim Ring)
★ FA136T87	HT-87	70.7	1, 2, 4, 8		FA720-6 (9⅝" Dia. Round)	FAPR-6 (Mounting Ring)
★ FA136T810	HT810	100	1, 2, 4, 8		FA730-6 (9⅝" Dia. Round)	FAMT-6 (Adapter for 8" Grilles)

★ General signaling (1480 non-fire) includes all speaker/transformer combinations (except HT-82) when used with an Atlas Sound UL listed enclosure and baffle.

Specifications subject to change without notice

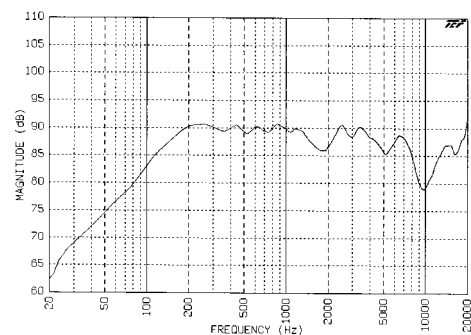


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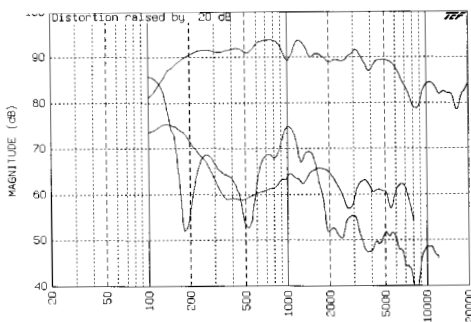
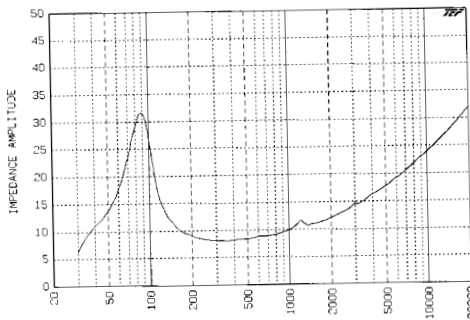
ARCHITECT AND ENGINEER SPECIFICATIONS

Loudspeaker system shall be Atlas Sound Strategy Series™. System shall be UL listed and include a high-performance, 6" coaxial loudspeaker Model FA136, acoustically matched enclosure Model _____ (FA97-6, FA97-6NK) and flush grille Model _____ (FA51-6, FA170-6, FA720-6, FA730-6). Strategy Series loudspeaker, enclosures and grilles shall be listed by Underwriters Laboratories (UL 1480 General Signaling) to U.S. and Canadian safety standards. Nominal frequency response of the system shall be 80 Hz - 20 kHz and the sensitivity shall be 91dB (peak) and 88dB (average) measured at 1W/1M across the full bandwidth. Power rating shall be 35 watts RMS. Unit shall be comprised of a 6" dia. low frequency driver constructed of fiber-reinforced polypropylene and synthetic rubber surround. High-

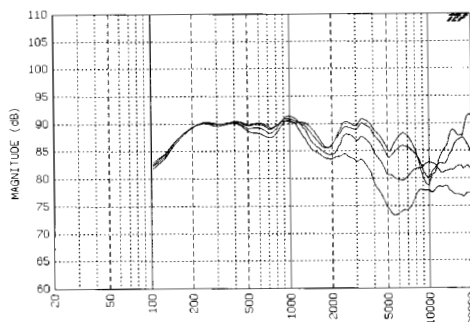
frequency driver shall be a post-mounted ferrofluid device with mylar diaphragm. Magnet shall be a minimum of 14 oz. (398g) and the voice coil diameter shall be 1" (25mm). Dispersion shall be 130°. Transformer equipped models shall include factory wired _____ (70.7 or 100) volt transformer with primary taps of _____ (.5, 1, 2, 4 or 1, 2, 4, 8). Loudspeaker shall front-load specified FA97-6(NK) or optional FA175-6 enclosure or Model FAPR-6 plaster ring or quick-fit frame/grille Model FA-6G. Enclosures shall use _____ (toggle clamps, conventional screws) for ceiling installation and stud receivers for grille mounting. Other optional accessories include: _____ (FA-81-6 tile bridge, FA-TR6 trim ring, FAMS-6 adapter for 8" grilles). The FA97 enclosure models shall be lined with high density acoustic batting.



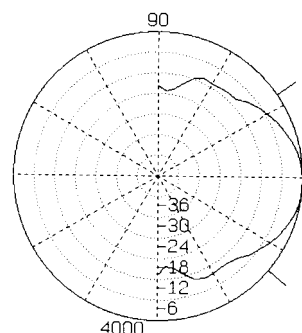
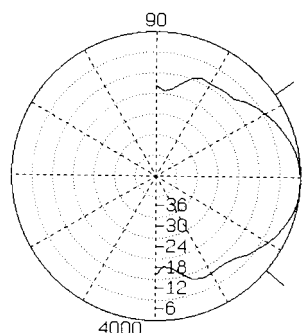
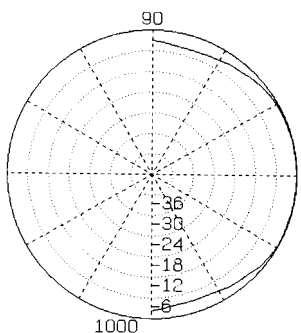
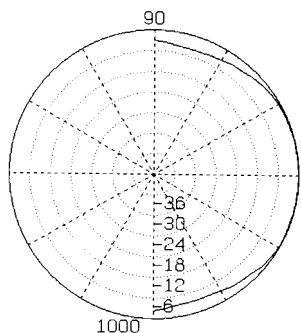
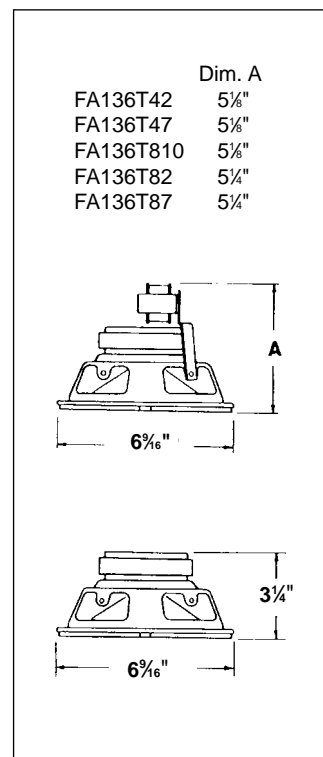
FA136: Frequency Response
(Measured in FA97-6 Enclosure)



FA136: Fundamental vs. 2nd & 3rd Harmonics
(raised 20dB) @ 1 Watt (Measured in FA97-6 Enclosure)



FA136: Frequency Response Overlay at 0, 15, 30 and 45 degrees (Measured in FA97-6 Enclosure)



Octave Bands Normalized to Zero On Axis (Measured in FA97-6 Enclosure) Techron TEF®

Kevlar® is a Registered Trademark of E.I. Du Pont De Nemours and Company.

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