



SD72 Series

8" Preassembled Speaker Package



SD72

Specifications

Model	SD72	SD72W	SD72WV
Size	8" (205mm)	8" (205mm)	8" (205mm)
Power Taps	.25, .5, 1, 2, & 5 Watts		
Sensitivity	97dB Average		
Frequency Response	55Hz-19kHz (± 5 dB)		
Dispersion	105° (2kHz Octave Band, -6dB Points)		
Diameter	8 $\frac{1}{8}$ " (205mm)	12 $\frac{3}{4}$ " (206mm)	12 $\frac{3}{4}$ " (206mm)
Depth	2 $\frac{7}{8}$ " (73mm)		

Architect and Engineer Specifications

Unit shall be Atlas Sound 8" loudspeaker Model SD72 utilizing line matching transformer. It shall have a (10oz.) ceramic magnet and a seamless cone. Frequency response range shall be 55Hz–8kHz (± 5 dB). Sensitivity shall be 97dB 1W/1M. Voice coil shall be black anodized aluminum to help dissipate heat, have an impedance of 8 Ω and a diameter of 1" (25mm). Transformer primary voltage shall be 25V/70.7V with a frequency response range of 100Hz–10kHz (± 1.5 dB). Insertion loss shall not exceed 1.5dB.

All models feature standard mounting holes to accommodate the majority of Atlas Sound 8" baffles. All mounting screws are included in the package.

Features

- 10 oz Dual Cone Speaker Provides Familiar Response & Performance
- Quality 5 Watt Dual Voltage Transformer
- Individually Packaged for Stocking & Ordering Convenience

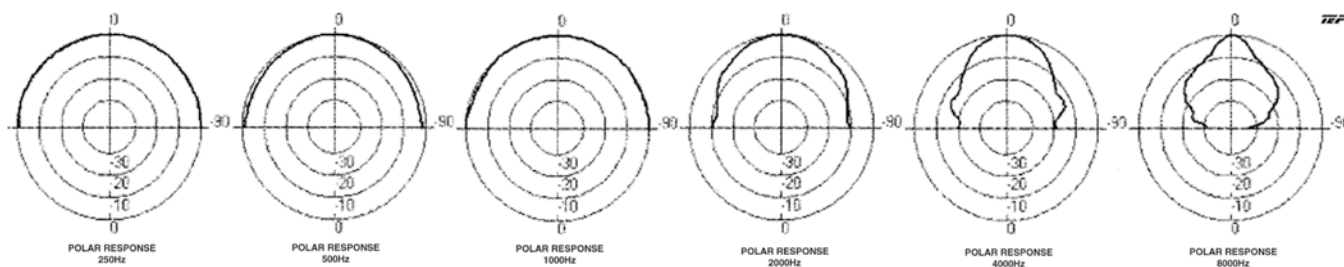
Applications

The SD72 is an aggressively priced, high quality speaker/transformer package suitable for almost any paging or background application including retail stores, restaurants, schools, and other institutional facilities.

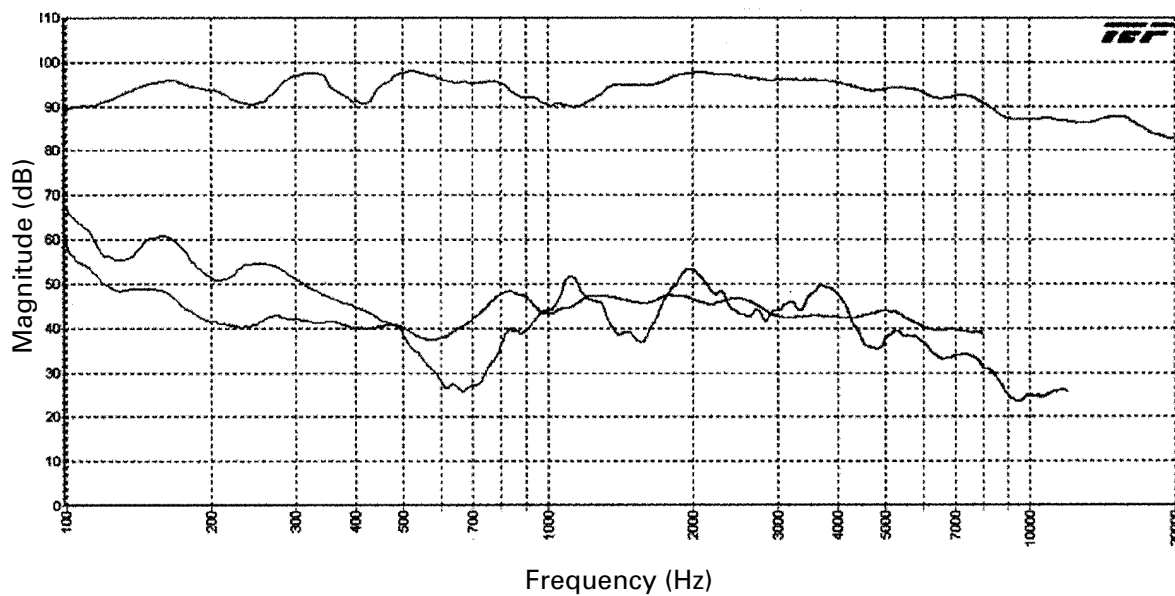
General Description

The speaker used in the SD72 is the next generation of 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 Atlas Sound C-Series in the past will know exactly what to expect when they use the SD72. Model SD72 is a dual cone, 25 Watts 8" (205mm) loudspeaker with a 10 oz. (260g) ceramic magnet. It includes a curvilinear, treated paper cone for lower harmonic distortion. The loudspeaker is also equipped with a full 1" diameter copper voice coil with a black anodized aluminum former for better power dissipation. Model SD72 operates within a frequency response range of 55Hz – 8kHz (± 5 dB) with a sensitivity of 97dB and a dispersion angle of 105°. Package includes factory installed 25V/70.7V line matching transformer with tap selections ranging from .25 to 5 Watts. It mounts a wide variety of Atlas Sound round and square baffles and enclosures to meet functional and aesthetic application requirements.

SD72 Polars (Normalized to Zero on Axis) (-6dB)

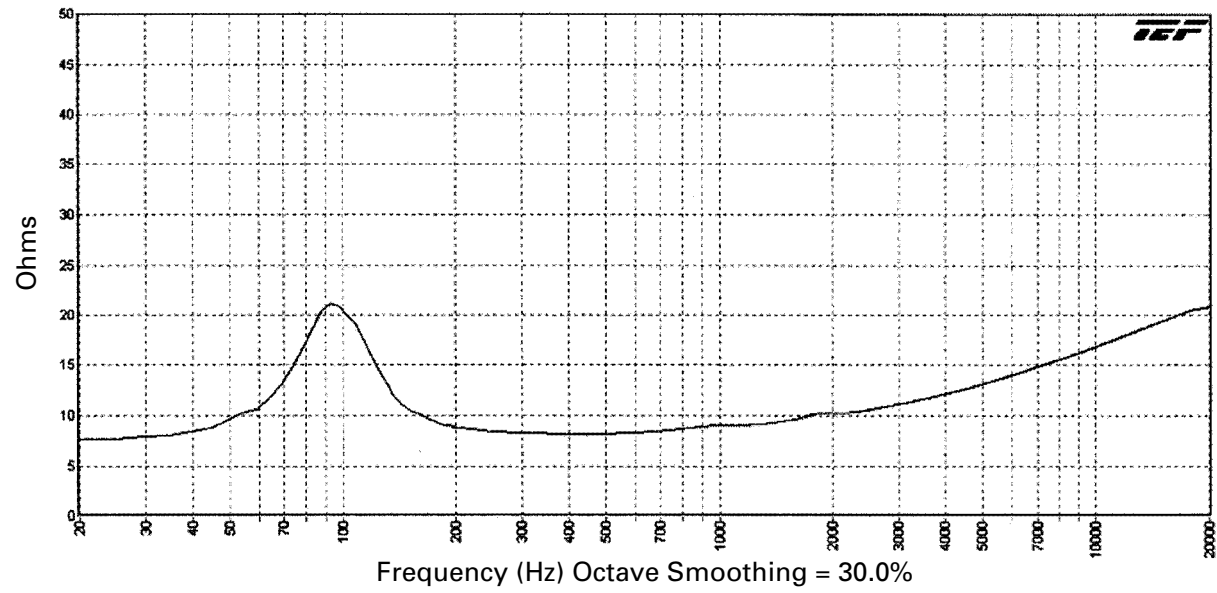


SD72 Harmonic Distortion



©2011 Atlas Sound L.P. All rights reserved. Atlas Sound and Strategy Series are trademarks of Atlas Sound L.P. All other trademarks are the property of their respective owners. ATS001450 RevB 7/12

SD72 Impedance





SD Speaker Package



All models feature standard mounting holes to accommodate the majority of Atlas Sound 8" back cans, trim rings and tile bridges.

All mounting screws are included in the package.

Each **SD72** product is **individually packaged** for stocking and delivery convenience.

Features

- 10oz Dual Cone Speaker Provides Familiar Response & Performance
- Quality 5 Watt Dual Voltage Transformer
- Choose Speaker/Transformer Only Or Complete Assembly With Attractive CRS White Powder Coat Baffle
- Available With Optional Center Mounted Volume Control

Applications

The **SD72** is an aggressively priced quality speaker/baffle/transformer package suitable for most any paging or background application including retail stores, restaurants, schools and other institutional facilities.

General Description

The speaker used in the **SD72** is the next generation of Atlas 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 Atlas Sound C Series in the past will know exactly what to expect when they purchase the **SD72**.

Three Model Options Are Offered

Model **SD72** includes a 10oz magnet dual cone loudspeaker with a factory assembled 25V/70.7V 5-watt dual voltage transformer.

Model **SD72W** includes the **SD72** fully assembled onto an attractive CRS white powder coated baffle*. This baffle includes welded speaker mounting studs making for a more discrete installed appearance.

Model **SD72WV** is identical to the **SD72W** with the addition of a 50 Ohm baffle mounted potentiometer for applications requiring local volume control. Knob may be removed to allow screwdriver adjustment.

SPECIFICATIONS

Model	SD72	SD72W	SD72WV
SPEAKER TYPE	8" Dual Cone	8" Dual Cone	8" Dual Cone
MAGNET WEIGHT	10 oz (226g)	10 oz (226g)	10 oz (226g)
FREQUENCY RESPONSE	50Hz to 18kHz	50Hz to 18kHz	50Hz to 18kHz
SENSITIVITY(1W/1M)	97dB	97dB	97dB
WATTS-PROGRAM	15	15	15
TRANSFORMER	25V/70.7V	25V/70.7V	25V/70.7V
TRANSFORMER TAPS	1/4, 1/2W, 1W, 2W, 5W	1/4, 1/2W, 1W, 2W, 5W	1/4, 1/2W, 1W, 2W, 5W
MOUNTING BOLT CIRCLE	7.625 (194mm)	-	-
BAFFLE	Baffle Not Included	62-8 Type	62-8 Type
BAFFLE MATERIAL	-	24-Gauge CRS	24-Gauge CRS
FINISH	-	White Powder Coat Epoxy	White Powder Coat Epoxy
50 OHM POT	-	-	Yes
BAFFLE DIMENSIONS		12.75" (324mm) dia. .25" (6mm) Proj. Height 11.25" (286mm) Mounting Hole Pattern 3" (76mm)	12.75" (324mm) dia. .25" (6mm) Proj. Height 11.25" (286mm) Mounting Hole Pattern 3" (76mm)
TOTAL DEPTH	2.875" (73mm)		

*Baffle matches Atlas Sound model 62-8 dimensions and includes mounting screws.

• Five Year Limited Warranty •



1601 Jack McKay Blvd.
Ennis, TX 75119
AtlasSound.com
Tech Support 800.876.3333

Printed in the USA
Specifications are subject to change without notice.

©Atlas Sound LP. Atlas Sound is a trademark of Atlas Sound LP. All rights reserved.

484213

000302

ATS001155 RevA 3/02



GD Speaker Package



Rear view of GD87

All models feature standard mounting holes to accommodate the majority of Atlas Sound 8" back cans, trim rings and tile bridges.

All mounting screws are included in the package.

The **GD87** and **GD87W** are individually packaged for stocking and delivery convenience.

Each **GD87W** package is individually packaged for stocking and delivery convenience.

Features

- Industry Standard 8" (203mm) Coaxial, 16 Watt, Loudspeaker
- Offers Proven Performance with Wide Frequency Response
- Ideal for Multi-Purpose Commercial, Industrial, and Institutional Use
- Attractive Weld Stud Baffle
- Quality 8 Watt 70.7V Transformer

Use Atlas Sound's 8" (203mm) diameter, multi-purpose, coaxial loudspeaker package Model **GD87** for voice transmission, music, and signal reproduction in high-quality commercial, industrial, and institutional applications.

The speaker used in the **GD87** package is the next generation of Atlas high performance coaxial 8" cone loudspeakers, very similar to the 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 **GD87**.

Two Model Options Are Offered:

Model GD87. The **GD87** includes a 16 watt coaxial loudspeaker with a post-mounted tweeter, which adds strength to the assembly and provides an attractive appearance. This coaxial loudspeaker features a 70 Hz-15.5 kHz, ± 5 dB frequency response and a broad, uniform dispersion pattern. Such provisions allow for highly intelligible sound reproduction and better distribution for high-quality sound systems. The woofer has a 10 oz. (260g) ceramic magnet; the tweeter has a 2.35 oz. (67g) ceramic magnet, and the unit has a peak sensitivity of 98dB (at 1 watt, 1 meter). The loudspeaker is matched with a high efficiency 8 watt 70.7V transformer with a maximum insertion loss of 0.6dB. This premium transformer is constructed of audio grade laminations and has a full range frequency response of + 1dB from 50 Hz to 15 kHz. The primary taps are 1, 2, 4, and 8 watts.

Model GD87W includes the **GD87** fully assembled to an attractive CRS white powder coated baffle*. This baffle includes welded speaker mounting studs making for a more discrete installed appearance.

SPECIFICATIONS

Model	GD87	GD87W
SPEAKER TYPE	8" Coaxial	8" Coaxial
MAGNET WEIGHT	10 oz (226g)	10 oz (226g)
FREQUENCY RESPONSE (± 5dB)	70Hz to 15.5kHz	70Hz to 15.5kHz
SENSITIVITY (1W/1M)	98dB Peak, 95dB Avg	98dB Peak, 95dB Avg
WATTS RMS	16	16
TRANSFORMER	70.7V	70.7V
TRANSFORMER TAPS	1W, 2W, 4W, 8W	1W, 2W, 4W, 8W
MOUNTING BOLT CIRCLE	7.625 (194mm)	-
BAFFLE	Baffle Not Included	62-8 Type
BAFFLE MATERIAL	-	24-Gauge CRS
FINISH	-	White Powder Coat Epoxy
BAFFLE DIMENSIONS		12.75" (324mm) dia. .25" (6mm) Proj. Height 11.25" (286mm) Mounting Hole Pattern 3" (76mm)
TOTAL DEPTH	2.875" (73mm)	

*Baffle matches Atlas Sound model 62-8 dimensions and includes mounting screws.

• **Five Year Limited Warranty** •



1601 Jack McKay Blvd.
Ennis, TX 75119
AtlasSound.com
Tech Support 800.876.3333

Printed in the USA
Specifications are subject to change without notice.

©Atlas Sound LP. Atlas Sound is a trademark of Atlas Sound LP. All rights reserved.

484213

000302

ATS001155 RevA 3/02