

# GD87A

## 8" Coaxial 16 Watt Speaker



### Features

- Industry Standard 8" (203mm) Coaxial, 8 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

### General Description

Use AtlasIED's 8" (203mm) diameter, multi-purpose, coaxial loudspeaker package Model GD87A for voice transmission, music, and signal reproduction in high-quality commercial, industrial, and institutional applications.

The speaker used in the GD87A package is the next generation of AtlasIED 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 GD87A.

The easy to use GD87A "dog leg" mounting system works with several popular AtlasIED hardware combinations for use in new or existing drywall or acoustic ceilings.

Suggested Mounting Hardware:

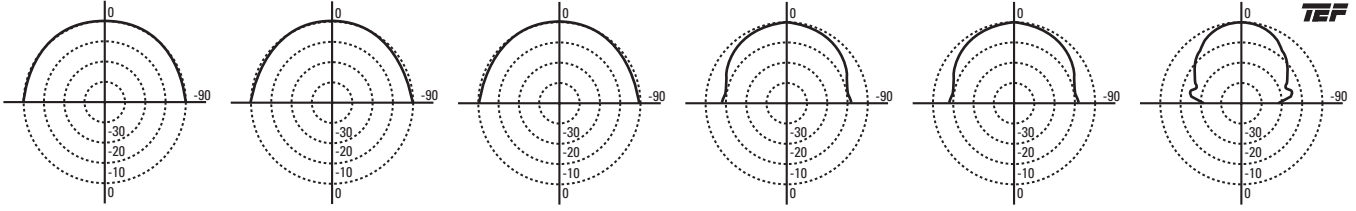
Mineral Tile - No Enclosure - FA81-8 Tile Bridge

Drywall Ceiling New Construction - No Enclosure - FA-TR8

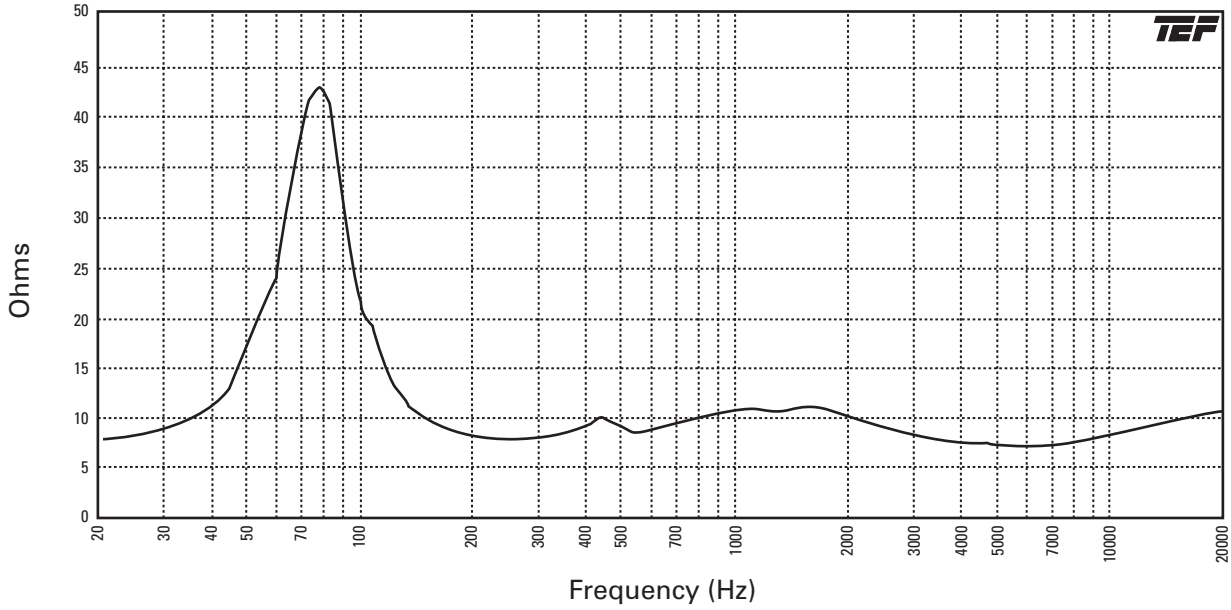
System	
Type	8" Coaxial, Ceiling Loudspeaker
Frequency Response (+/- 7dB)	55Hz - 15kHz
Power Handling (RMS)	16 Watts
Transformer	70.7V
Transformer Taps - 70V	1W, 2W, 4W, and 8W
Peak Sensitivity at 1W/1m	98dB
Average Sensitivity at 1W/1m	96dB
Enclosure	
Finish	White
Baffle	Included
Magnet Weight	10oz (283g)
Cutout Diameter	9.437" (240mm)
Product Dimensions (HxWxD)	ø10.710" x 3.45" (ø272mm x 88mm)

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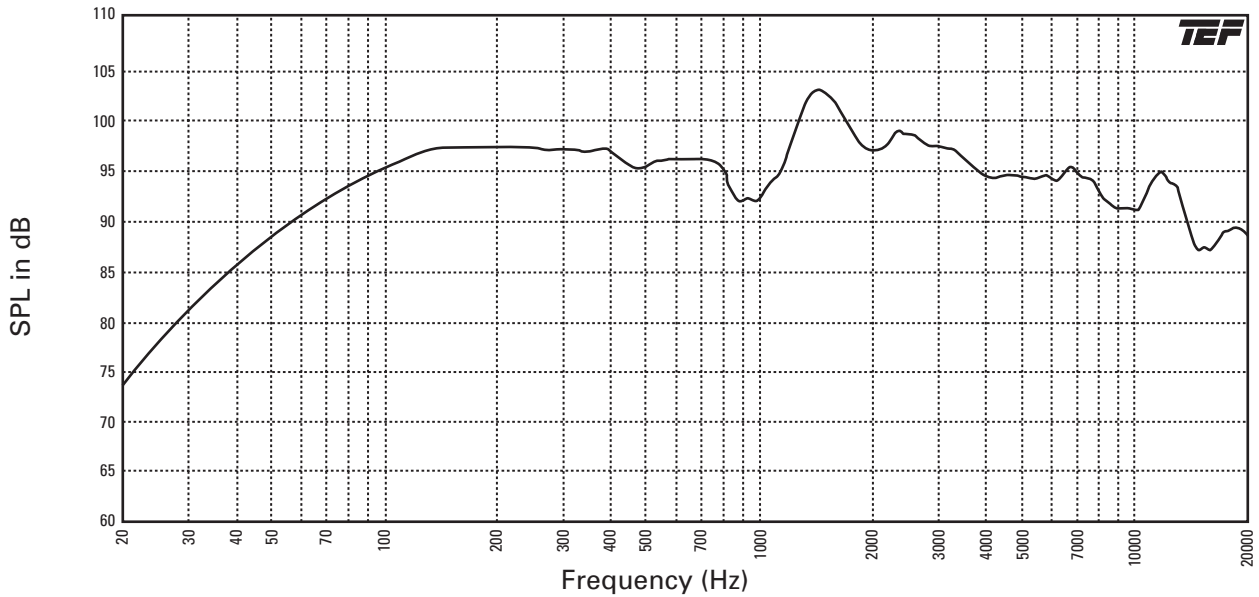
### Polars Are Normalized To Zero On Axis (-6dB)



### Impedance



### Frequency Response



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## Architect and Engineer Specifications

Unit shall be AtlasIED 8" coaxial loudspeaker Model \_\_\_\_\_ (GD87A or approved equivalent). It shall have a (10oz.) ceramic magnet with a power handling of 16 Watts. Frequency response shall be 55Hz-15kHz ( $\pm 7$ dB, nominal). Average sensitivity shall be 96dB at 1W/1M. The Unit shall also include an 8W, 70.7V transformer with power taps at 1, 2, 4, and 8 Watts.

Finish shall be white powder coated and shall also include a baffle. Dimensions shall be 8.125" (206mm) diameter with a depth of 2.875" (73mm).