

Sold by:



Telecommunication Peripheral Products

Technical Practice

25AE and 30AE

Paging Horn/
Ceiling Speaker

June 12, 2000

VIKING

Cost Effective Speakers for Indoor and Outdoor Use



25AE

environments the directional design allows the installer to focus the sound cone down aisles and toward work areas.

In office and restaurant environments, it is best to distribute sound more evenly. Ceiling mounted 30AE speakers in close proximity offer the best distribution and are cost effective.

The 25AE and 30AE paging speakers provide additional economical paging coverage to existing Viking paging units (PA-2A, CPA-7B, HF-3W, M2W) or to any system with an 8 ohm output.

In outdoor, factory or warehouse environments, 25AE paging horns are the best method of producing understandable sound. In these



30AE

<http://www.VikingElectronics.com>

[E-mail...Sales@VikingElectronics.com](mailto:Sales@VikingElectronics.com)

Features

25AE Paging Horn

- Adjustable base for easy mounting and directional adjustment
- Compact design for out of the way mounting
- Designed to work with all of Viking's paging products

30AE Ceiling Speaker

- Attractive white grill for flush mounting in office ceiling
- Mounting hardware included
- Large permanent magnet
- Excellent frequency response
- Designed to work with all of Viking's paging products

Applications

- Add additional speakers and coverage area to existing paging systems such as Viking's PA-2A, CPA-7B, HF-3W and M2W
- Add speakers to the DVA-2W

Specifications 25AE

Nominal Power: 12 watts

Impedance: 8 ohms

Dimensions: 127mm (5") diameter

Shipping Weight: .68 kg (1.5 lbs)

Environmental: 5% to 95% non-condensing humidity

Frequency Response: 400 Hz to 7000 Hz

Specifications 30AE

Nominal Power: 6 watts

Impedance: 8 ohms

Dimensions: 324mm x 95mm (12.75" x 3.75")

Shipping Weight: 1.36 kg (3 lbs)

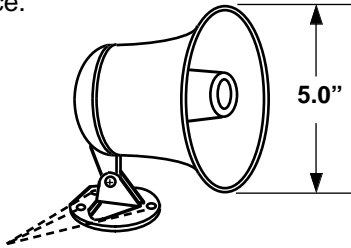
Environmental: 5% to 95% non-condensing humidity

Frequency Response: 85 Hz to 15000 Hz

Sales...(715) 386 - 8861

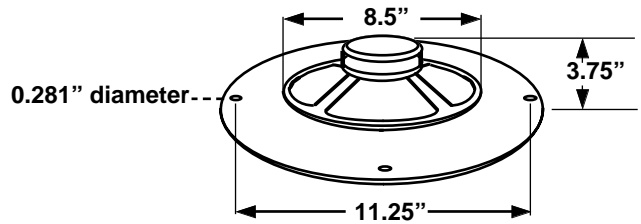
Installation

The **25AE** is designed to be surface mounted on any rigid surface.



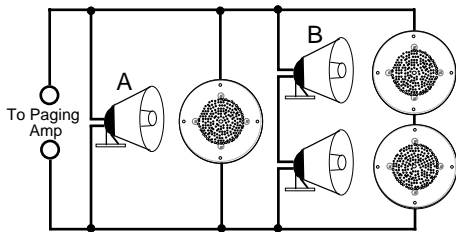
(3) #8 X 3/4" screws (not included)

Mounting hardware for the **30AE** is included for easy installation in drop ceilings or speaker enclosures.

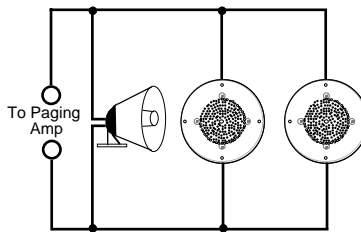


Note: The **25AE** paging horn is approximately 5db louder than the **30AE** speaker.

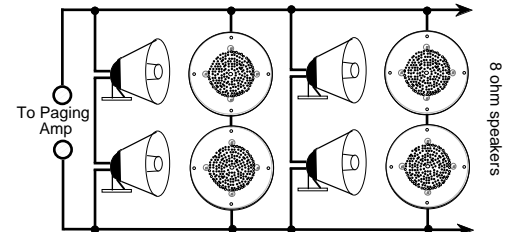
Series/Parallel: Speaker A will have approximately twice the volume of speaker B.



Parallel: Similar speakers will have the same volume.

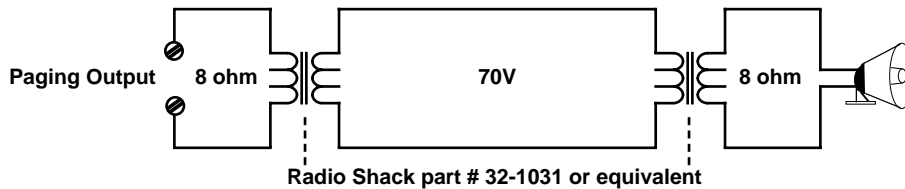


Series/Parallel: See table below for recommended number of 8 ohm speakers to be used if connected as shown.



Long Cable Runs

Very long runs may require step up transformers.



Model	Number of Speakers
CPA-7B	16
HF-3W	2
M2W	6
PA-2A	6

Recommendations

Ambient Noise Environment	Level	Typical Examples	Ceiling Height	Distance Between Speakers
Quiet - Conversation very easily understood	50 DB	Hotel lobby, hospital area, quiet office	9 ft. 14 ft.	35 ft. 50 ft.
Normal - Conversation easily understood	60 DB	Bank lobby, department store, auditorium	9 ft. 14 ft.	25 ft. 35 ft.
Noisy - Voice must be raised to be understood	70 DB*	Assembly line, supermarket, restaurant	9 ft. 14 ft.	15 ft. 25 ft.
Very Noisy - Conversation difficult or impossible	80 DB*	Punch press, printing plant, garage, yard	Paging Horns	25 ft. to 75 ft.

* An **FBI-1A** Feedback Eliminator is recommended (**Fax Back Document 465**).

Product Support Line...(715) 386-8666

Fax Back Line...(715) 386-4345

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