

## 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*

### 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

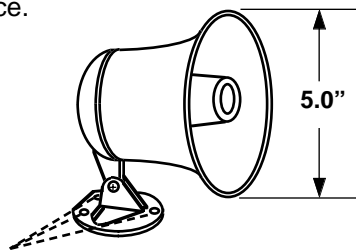
### Specifications 30AE

**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**

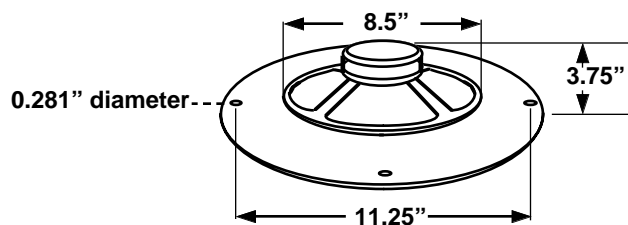
# Installation

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



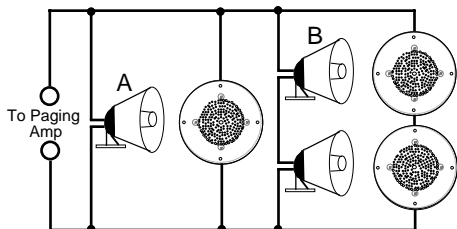
(3) #8 X 3/4" screws (not included)

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

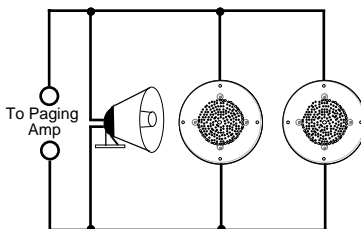


**Note:** The **25AE** paging horn is approximately 5db louder than the **30AE** speaker.

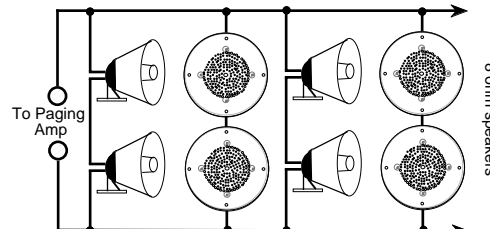
**Series/Parallel:** Speaker A will have approximately twice the volume of speaker B.



**Parallel:** Similar speakers will have the same volume.

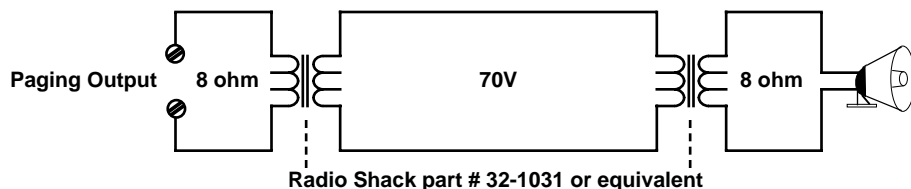


**Series/Parallel:** See table below for recommended number of 8 ohm speakers to be used if connected as shown.



## 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
<b>Quiet</b> - Conversation very easily understood	<b>50 DB</b>	Hotel lobby, hospital area, quiet office	9 ft. 14 ft.	35 ft. 50 ft.
<b>Normal</b> - Conversation easily understood	<b>60 DB</b>	Bank lobby, department store, auditorium	9 ft. 14 ft.	25 ft. 35 ft.
<b>Noisy</b> - Voice must be raised to be understood	<b>70 DB*</b>	Assembly line, supermarket, restaurant	9 ft. 14 ft.	15 ft. 25 ft.
<b>Very Noisy</b> - Conversation difficult or impossible	<b>80 DB*</b>	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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