

DSA Directional Speaker Array

Features

- **Ideal for outdoor warning**
- **Vertical support structures for 2 to 6 re-entrant speakers**
- **Seven distinct, standard warning signals**
- **Decibel output range from 111 to 121 dB(C)**
- **Maintenance free**



The Federal Signal Directional Speaker Array, model DSA, is a maintenance free, electronic siren comprised of one to four vertical support structures with two to six re-entrant speakers providing output ranging from 111 to 121 dB(C).

The DSAs vertical support structure can be positioned at 90-degree or 180-degree intervals. Each DSA has a 70-degree horizontal angle of dispersion. When positioned at 90-degree apart, a 180-degree horizontal coverage is produced.

The DSA consists of a vertical aluminum base with fiber-glass speakers, stainless steel mounting hardware and one 100 watt driver per speaker.

The DSA provides excellent voice reproduction and, with the aid of the UltraVoice™ controller (purchased separately), will produce the following standard warning signals: wail, pulsed steady, steady, pulsed wail, alternating alert, alternating wail and westminster chimes.

The DSA is an excellent choice to provide warning for hazardous weather conditions, dam safety, civil defense, industrial applications and other types of emergencies.



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DSA Directional Speaker Array

Specifications

DSA Specifications

Color	Black projectors and off-white housing
Paint type	TGIC polyester powder coat
Frequency Response	200 to 2000 Hz

Specify Options

DV480	Digital voice — 8 minutes
FSPWARE	Windows® programming software (DTMF and two-tone) (Windows XP/Vista, Windows 7 compatible)

400W amplifier(s) required with UltraVoice™ controllers

UV400	Required amplifier, 400 watts, 70 Vrms
UltraVoice Controller	(See UltraVoice literature for details)

Specify Mounting Kits

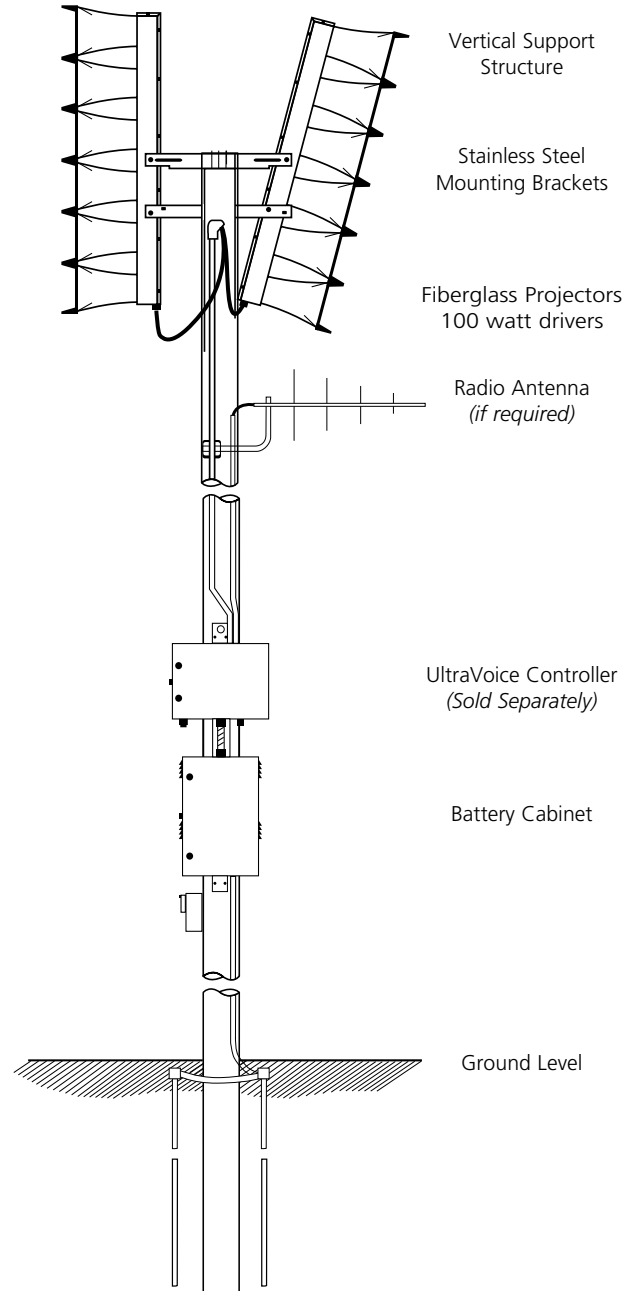
DSAMK1	Wall mount for one vertical support
DSAMK2	Pole mounting kit for one or two vertical stack(s), 180° apart
DSAMK4	Mounting kit for one to four vertical stack(s) 90° or 180° apart
DSAMKSP	Mounting kit for steel poles, one vertical stack
DSAMKSPB45	4.5" mounting brackets for steel pole, bracket for one vertical stack
DSAMKSPB23	2.375" mounting brackets for steel pole, bracket for one vertical stack

1 Includes 45' of cable. Additional cable sold separately.

2 Based on far field measurements.

Batteries not included.

Shown: Two quantity DSA's and One quantity DSAMK4 at 90° apart



Specifications	DSA2 ¹	DSA3 ¹	DSA4 ¹	DSA5 ¹	DSA6 ¹
Number of Speakers	2	3	4	5	6
Watts	200	300	400	500	600
dB(C) @ 100' ²	111	115	117	119	121
Effective Range @ 70 dB(C)	1700'	2200'	2600'	3000'	3400'
Height in inches	25	46	48	70	72
Shipping Weight (lbs)	127	130	175	220	230
Net Weight (lbs)	43	80	95	110	125

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