



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° or 180° intervals. Each DSA has a 70° horizontal angle of dispersion. When positioned at 90° apart, a 180° 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.

> Specifications

DSA Specifications	
Color	Black projectors and off-white housing
Paint type	TGIC polyester powder coat
Usable Frequency Range	300 to 4KHZ

Specify Options

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

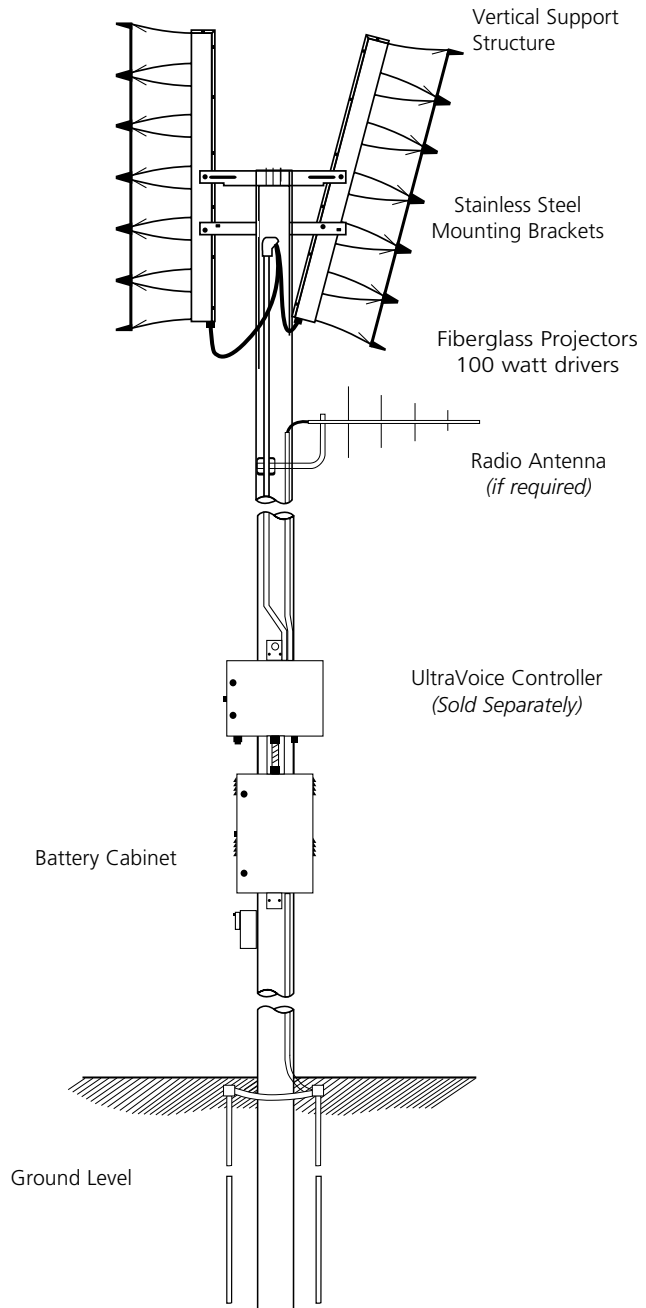
¹ Includes 45' of cable. Additional cable sold separately.

² Based on far field measurements.

Batteries not included.

	DSA2 ¹	DSA3 ¹	DSA4 ¹	DSA5 ¹	DSA6 ¹
Specifications					
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

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



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