



► Model DSA1

100W Non-amplified Speaker

Federal Signal's Directional Speaker Array (DSA) product line now includes a 100 watt non-amplified speaker, model DSA1. The DSA1 provides variable taps for 100, 55, 32 or 18 Watts for use in a variety of applications. It can also be powered from a Ultra-Voice Controller or any 25/70 V amplifier.

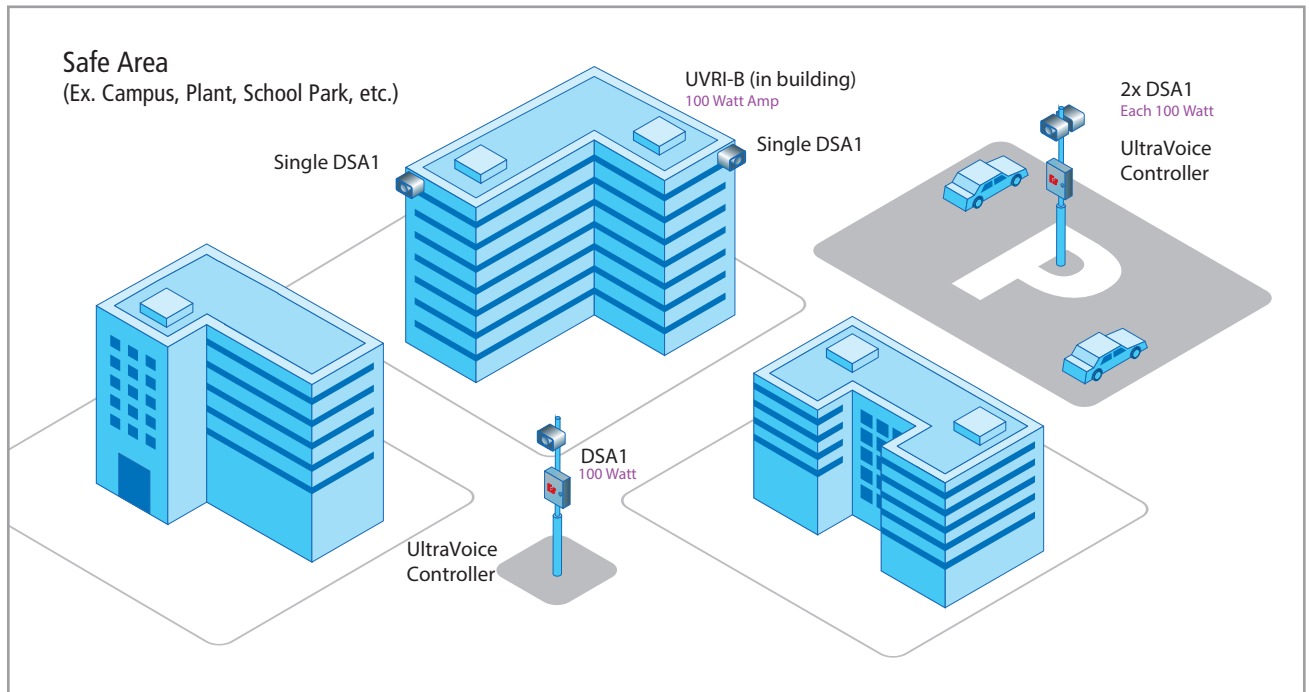
The DSA1 includes stainless steel hardware for wall or ceiling mounting; optional large or small mounting brackets and a unique omni-directional mounting bracket are also available. The DSA1 enclosure has multiple access points to allow installation of strobes, sensors or lights.

The DSA1 can be combined with the DSA 2, 4 or 6 for an integrated mass notification system. With a maximum output of 100 Watts, the DSA1 speaker addresses customer needs for a cost effective voice and/or tone speaker. This speaker is an ideal solution for existing notification systems where lack of coverage exists and doesn't require high power levels.

F E A T U R E S

- Indoor/Outdoor 100 watt tappable speaker with high-powered voice and tone
- 25 V and 70 V input taps
- Easy to install and service design
- Flexible terminal block for daisy-chaining speaker
- 100 W, 55 W, 32 W, and 18 W output taps
- Ceiling or pole mounts available, wall mount standard
- Optional Omni-directional Accessory
- 3/4" and 1/2" NPT conduit or gland openings
- NEMA 4X outdoor rated
- UL and cUL listed
- UL marine rated

DSA1 Non-Amplified Speaker



S P E C I F I C A T I O N S

- Operating Temperature: -40°F to 150°F (-40°C to 66°C)
- Small size with rugged construction
7 in x 9 in 10 in (178 mm x 229 mm x 254 mm)
- Maximum Sound Pressure Level @ 100 W
 - 103 dB (± 2 dB) @ 100'
 - 120 dB (± 2 dB) @ 10'
 - 130 dB (± 2 dB) @ 1 m
- Wall or pole mount options
- 25 V and 70 V input taps
- 100 W, 55 W, 32 W, and 18 W output taps
- SPL @ 55 W
 - 117 db @ 10'
 - 127 db @ 1 M
- SPL @ 32 W
 - 114 db @ 10'
 - 124 db @ 1 M
- SPL @ 18 W
 - 111 db @ 10'
 - 121 db @ 1 M
- Net Weight 15.6 lbs 7.08 kg
- Capacitively coupled speaker

H O W T O O R D E R

Description	Part Number
100 Watt wall mount speaker	DSA1
Small (6" or less) Pole Mount Bracket	I-IP100-PM
Large (over 6") Pole Mount Bracket	I-IP100-PMW
Omni-Directional Option	I-IP100-OMNI
UltraVoice Controller	UVRI-B, UVIC-B, UVTD