

Modulator II High Powered Speaker - Omni

Features

- **Light-weight, compact design**
- **Utilizes Federal Signal Ultravoice™ for control and amplification**
- **Excellent frequency response for clear voice reproduction**
- **360° coverage without sound variation in horizontal planes**
- **Easy servicing through convenient access panels**
- **Anechoic chamber-certified**



Federal Signal's Modulator II High Powered Speaker Array offers the same proven technology as the original Modulator with the exception of a smaller compact chassis. Modulator II provides a flat frequency response up to 2000Hz producing intense warning signals and digital voice messaging over a large area. The Modulator II design enables the siren to produce a high sound level and intelligible voice communications.

The innovative omni-directional electronic Modulator II speaker array consists of modules that utilize four 100 watt drivers. It also provides clear voice communication and offers warning signals which are produced by Federal Signal's UltraVoice™ electronic controller and amplifier system. Custom tones and professionally recorded voice messages for the UltraVoice controller are available and can be purchased upon request.

The Modulator II High Powered Speaker Array combined with the UltraVoice controller is ideal for community/municipal, industrial and military applications where immediate instruction is necessary. The MOD6032 and MOD6048 have been replaced by the MOD8032B, which is shorter, lighter and more compact.

The Modulator II and UltraVoice controller can be networked via radio, IP, landline, cellular and/or satellite communications. Powering is available in AC, DC, or solar. The system typically operates from batteries which are charged from either AC or Solar. Federal Signal can also provide customized solutions to fit your special applications.

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Specifications

Model Number	Active Modules*	Watts	dB(c)@100' **	Effective Range @ 70 dB(c) ***	Height In (in/cm)	Shipping Weight lbs./kg	Net Weight lbs./kg
MOD1004B	1	400	106	1200'	28"/71	264/120	125/56.8
MOD2008B	2	800	112	1800'	41"/104	294/133.6	190/86.4
MOD3012B	3	1200	115	2200'	55"/140	444/201.8	255/115.9
MOD4016B	4	1600	118	2800'	69"/175	544/247.3	320/145.5
MOD5020B	5	2000	120	3100'	82"/208	744/338.2	385/175
MOD6024B	6	2400	121	3400'	96"/243	960/436.4	450/204.5
MOD8032B	8	3200	124	4200'	124"/314	1392/632.7	580/263.6

General Specifications

Color	Off-White
Paint Type	TGIC-polyester powder coat
Modulator Horn Type	Hyperbolic flare
Frequency Response	200-2000 Hz
Horizontal Coverage	360° +/- 1 dB(C)
Diameter	35"/88.9cm

* The bottom module contains no active devices and is simply used as a reflective surface.

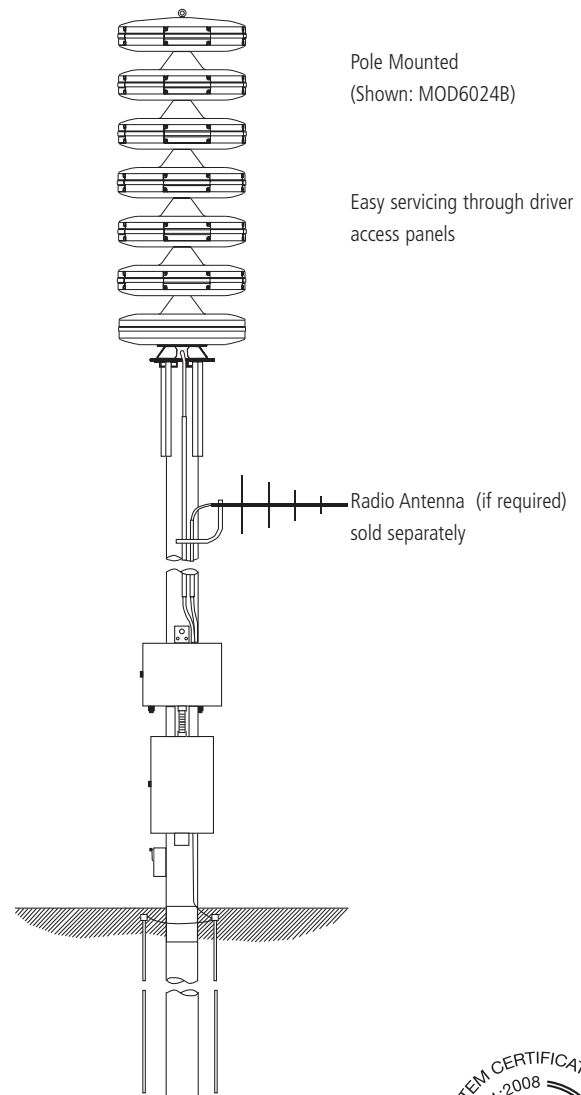
** Based on far field measurements

*** Coverage based on 10 dB(C) distance doubled loss factor

Order Information

MOD1004B	One module, four drivers per module
MOD2008B	Two modules, four drivers per module
MOD3012B	Three modules, four drivers per module
MOD4016B	Four modules, four drivers per module
MOD5020B	Five modules, four drivers per module
MOD6024B	Six modules, four drivers per module
MOD8032B	Eight modules, four drivers per module

See UltraVoice™ product literature for controller information.



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Safety and Security Systems
Protecting people and our planet

