

# Modulator Electronic Siren Series

## Features

- **Warning signals, voice communication and continued emergency operation regardless of primary power outages**
- **Excellent frequency response for clear voice reproduction**
- **360° coverage with no sound variation in the horizontal plane**
- **Easy servicing through convenient access panels**
- **Fully tested in Federal Signal's certified anechoic chamber**



Federal Signal's Modulator siren series is capable of producing intense warning signals and live and digital voice messaging over a large area. An efficient design enables the siren to produce a high sound level while making moderate demands on the battery power source.

The innovative omni-directional electronic Modulator speaker array consists of modules that each utilize four 100 watt drivers.

The Modulator Speaker Array provides a flat frequency response from 200 to 2000Hz for excellent voice reproduction and offers warning signals such as: wail (attack); steady (alert); pulsed steady; fast wail; pulsed steady; pulsed wail and westminster chime which are produced by the UltraVoice™ electronic controller. Custom tones can be purchased upon request.

An excellent alert and notification device, the Modulator siren is ideal for locations where people congregate outdoors, or in industrial settings where immediate instruction is necessary.



*Advancing security and well being.*

# Modulator Electronic Siren Series

## Specifications

Model Number	Active Modules*	Watts	dB(c)@100' **	Effective Range @ 70 dB(c) ***	Height In Inches	Shipping Weight lbs.	Net Weight lbs.
MOD1004	1	400	106	1200'	43.2	350	181
MOD2008	2	800	112	1800'	63.7	400	296
MOD3012	3	1200	115	2200'	84.3	600	411
MOD4016	4	1600	118	2800'	105	750	526
MOD5020	5	2000	120	3100'	125.5	1000	641
MOD6024	6	2400	121	3400'	146.1	1270	760
MOD6032	6	3200	123	4000'	146.1	1350	861
MOD6048	6	4800	125	4500'	146.1	1438	928

### 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	44-1/2"

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

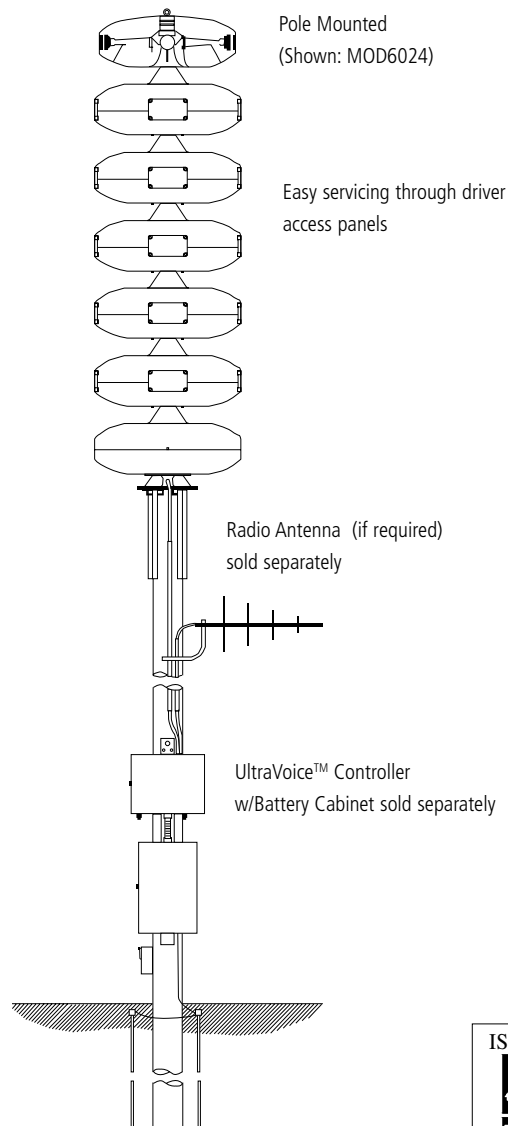
\*\* Based on far field measurements

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

### Order Information

MOD1004	One module, four drivers per module
MOD2008	Two modules, four drivers per module
MOD3012	Three modules, four drivers per module
MOD4016	Four modules, four drivers per module
MOD5020	Five modules, four drivers per module
MOD6024	Six modules, four drivers per module
MOD6032	Six modules, center cells with eight drivers per module
MOD6048	Six modules, eight drivers per module

See UltraVoice™ product literature for controller information.



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