

MS4000 MINI-SIREN

MS4000U
(undercover)



MS4000

MS4000 mini-sirens are designed with operator safety in mind!

The Federal Signal MS4000 series mini-siren is advanced, efficient, and economical. It offers value-packed, reliable performance with effective traffic clearing capability.

Years of design and manufacturing experience have made Federal Signal the leader in the electronic siren marketplace. Reliability is increased and operating temperature is decreased with the use of advanced rail circuitry and low-loss FET design arrangement. Efficiency and versatility are built-in features of the MS4000. This mini-siren comes with its own bracket and can be mounted virtually anywhere because of its compact size and lightweight construction.

MS4000 mini-sirens provide 100-watt output and meet Class A requirements when paired with any Federal Signal speaker. This mini-siren can operate from any 12-volt negative ground vehicle electrical system. It is protected against failure modes, including reversed polarity, by a fuse that can be replaced without tools. The MS4000 can be powered via the vehicle's power distribution center or directly from the vehicle's battery.

Wail, Yelp, Priority, Manual, and Air Horn are all standard on the MS4000. Two rocker switches control all the siren functions. One switch controls AIR HORN/MANUAL, and the other controls WAIL/YELP. The AIR HORN/MANUAL switch rests in the neutral (center) position and activates a function when momentarily placed into the up or down position. The WAIL/YELP switch is a three-position switch with the center position being neutral.

A new, built-in *intersection clearing feature* adds effective traffic management capability at potentially hazardous crossings. When the MS4000 is activated and in the WAIL position, depressing the momentary switch to the MANUAL position produces an eight-second Yelp tone. When the MS4000 is activated and in the YELP position, depressing the momentary switch to the MANUAL position produces an eight-second Priority tone.

The MS4000U is designed especially for the undercover officer and volunteer firefighters. Siren functions are activated in the same manner as the standard MS4000, but from switches mounted onto a small, remote switch panel.

QUICK REFERENCE

FEATURES

- Economical.
- Small and compact – mounts virtually anywhere.
- Easy to operate – new, built-in intersection clearing feature.
- High reliability – advanced circuitry and FET design.
- 100-watt output – meets Class A with just one Federal Signal speaker.
- Output short circuit protected – replaceable fuse protection.
- Tones included – Wail, Yelp, Priority, Manual (peak and hold), and Air Horn.

APPLICATIONS

- Police vehicles
- Fire chiefs
- Volunteer vehicles

APPROVAL

- Meets Class A requirements for sound output when paired with one Federal Signal 100-watt speaker

RELATED PRODUCTS

- Flashers
Bulletin #3301
- Grille Lights
Bulletin #4110
- Speakers
Bulletin #6100
- DynaMax™ Speaker
Bulletin #6102

INTERSECTION CLEARING FEATURE

Depressing the momentary MANUAL switch activates additional alternate sounds.

Depressing MANUAL Produces

- | | |
|-----------------------|------------------------|
| 1. Switch set to WAIL | 8-second Yelp tone |
| 2. Switch set to YELP | 8-second Priority tone |

How To ORDER

1. Specify model.
 - MS4000** 100-watt electronic mini-siren with intersection clearing feature
 - OR
 - MS4000U** 100-watt electronic undercover mini-siren with remote switches and intersection clearing feature
2. Order optional equipment (if necessary).
 - MS100-01** 100-watt DynaMax™ speaker with standard bail bracket mount kit
 - MS100-02** 100-watt DynaMax™ speaker with '95-'97 Ford Crown Victoria mount kit
 - MS100-03** 100-watt DynaMax™ speaker with '95-'97 Chevy Lumina mount kit
 - MS100-04** 100-watt DynaMax™ speaker with '98 Ford Crown Victoria mount kit
 - MS100-05** 100-watt DynaMax™ speaker with '98 Ford Explorer and Expedition mount kit
 - MS100-06** 100-watt DynaMax™ speaker with '96-'00 Chevy Tahoe mount kit
 - MS100-07** 100-watt DynaMax™ speaker with '00 Chevy Impala mount kit
 - FA6** Solid-state brake/turn/tail/rear deck flasher (2.4 flashes per second)
 - GS1** Compact strobe grille light, adjustable 170° vertically and 360° horizontally
 - GH1** Compact halogen grille light, 25-watt bulb draws just 2 amps when lit

SPECIFICATIONS

Power (watts)	100
Input Voltage	11-16 VDC
Standby Current	<25 mA
Operating Current	10 amperes maximum
Operating Temperature	-30° C to 65° C

Dimensions

Height	1.5 in. (3.8 cm)
Length	5.5 in. (14.0 cm)
Width	6.5 in. (16.5 cm)
Shipping Weight	2.5 lbs. (1.1 kg)



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