

RISK REDUCTION: WHY SIREN POWER & WARNING DISTANCE MATTER FOR POLICE SAFETY

How warning siren power increases warning distance and provides greater safety for officers

SIREN POWER = EARLY WARNING

The sooner a driver detects an audible warning signal, the more time they have to recognize the signal, and respond to it.

WHAT IS WARNING DISTANCE?

Warning distance is the space between the police vehicle and the point where surrounding drivers first hear the siren and begin to react.

HOW SIREN WATTAGE CHANGES DISTANCE

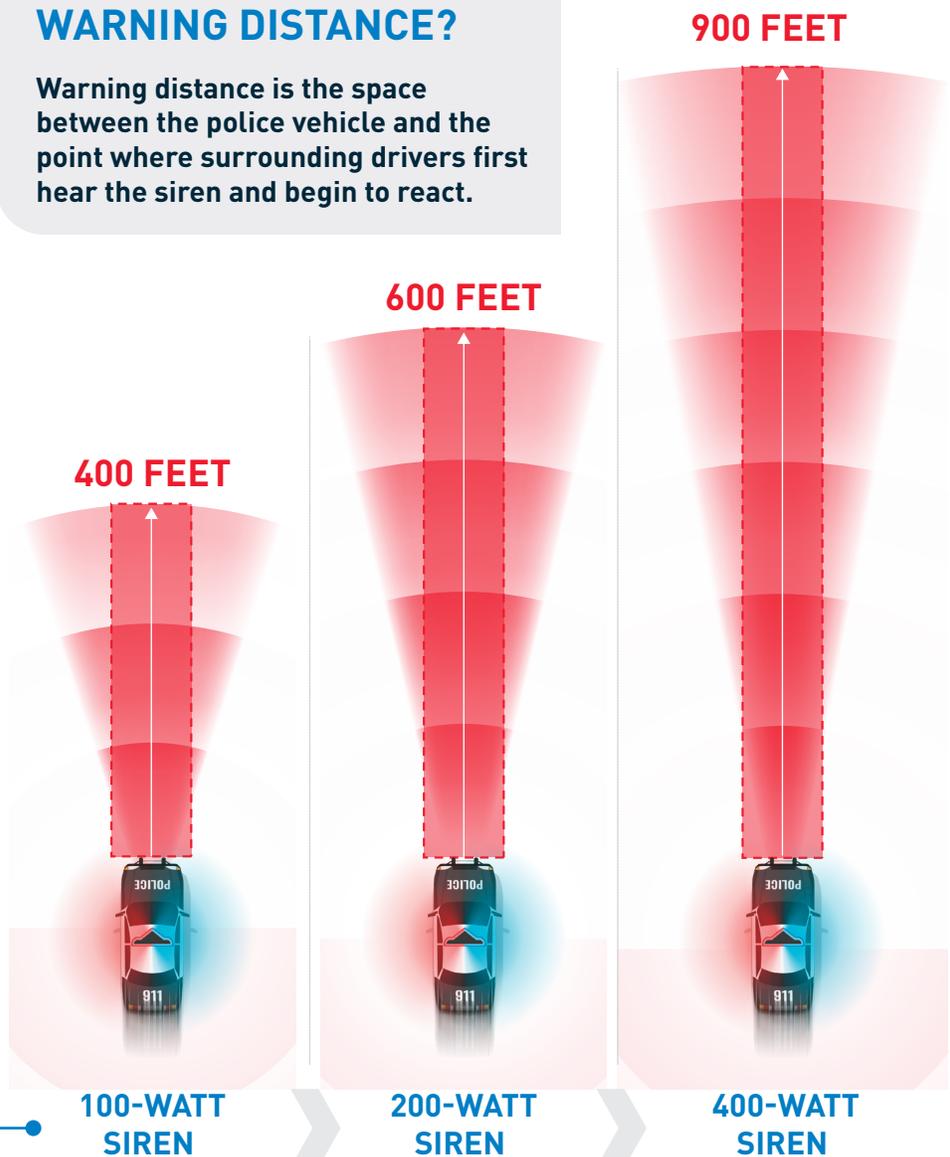


Changing from a 100-watt siren to a 400-watt siren

CAN MORE THAN DOUBLE WARNING DISTANCE

↑ 2X

where drivers are alerted to your approach.



Safety in this moment.
That's Federal Signal Strength.

For more information, contact your Sales Representation or call our Federal Signal Customer Support at 800-264-3578.
www.fedsig.com/police



SEE IT IN ACTION

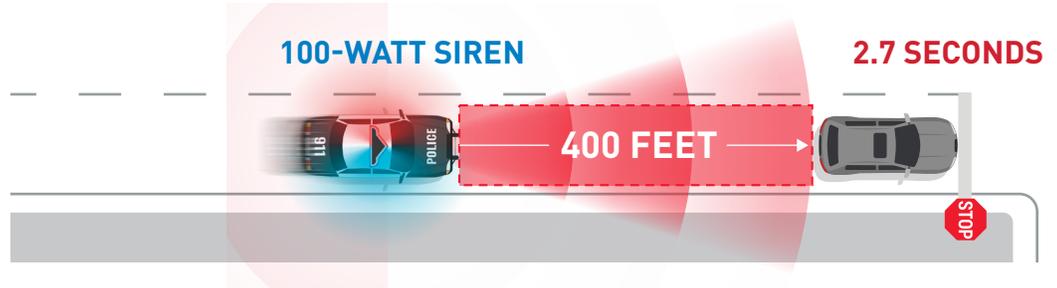


TIME AND DISTANCE EXAMPLE AT 100 MPH

Every time siren power is doubled creates a +3 decibel increase in sound pressure, which creates a +50% increase in warning distance.

100-WATT SIREN

Drivers have less than three seconds of warning distance.



400-WATT SIREN

Time increased to **6.1 seconds**, giving drivers an additional 3 seconds to detect, recognize, and respond.



SAFETY IN THIS MOMENT.

When every second counts, a 400 W siren gives you an **extra three seconds for drivers to detect, recognize, and respond**, which means more distance and more time for a safer response.

That's Federal Signal Strength.



SIREN POWER IS NOT JUST VOLUME

IT IS...



TIME



DISTANCE



OFFICER SAFETY

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SEE IT IN ACTION