



RUMBLER™ INTERSECTION-CLEARING SYSTEM



The Rumbler™, intersection-clearing system, demonstrates the long-standing commitment of Federal Signal to continue as the technological leader in audible warning and operator safety.

Improves Intersection Warning Effectiveness

The Rumbler introduces a revolutionary new concept to audible warning through its ability to interact with most 100/200-watt siren amplifiers and provide secondary, low frequency duplicate tones. Low frequency tones have the distinct advantage of penetrating solid materials allowing vehicle operators and nearby pedestrians to FEEL the sound waves.

Secondary System with Built-in Safety

The Rumbler system senses the primary siren tone signal, and reduces the signals' frequency by 75%. It then amplifies the sound through a pair of high output woofers. The system's timer allows the tone to sound for eight seconds, providing highly effective warning at hazardous intersections, and then automatically shuts off. The Rumbler is particularly effective when used in dense urban environments with heavy vehicle and pedestrian traffic.

A complete Rumbler intersection-clearing system consists of an amplifier, with built-in timer and two subwoofers. Vehicle specific mounting hardware is ordered separately. This system can be paired with most 100/200-watt emergency siren amplifiers.

> Features

- Improves emergency vehicle operator safety.
- Produces penetrating/vibrating low frequency sound waves.
- Interacts with most 100/200-watt emergency vehicle siren amplifiers.
- Enabled via any emergency vehicle steering wheel horn ring.
- Eight second safety timer provides automatic tone shutdown.
- Highly effective in dense urban environments with heavy vehicle traffic.

> How to Order

Select compatible primary siren system (see below)

RUMBLER Siren amp, Rumbler, secondary warning system, 12V low frequency tones, hardware kit, housing bands and cradles

Accessories and Kits (mount kit required)

RB-CV1C05 Kit, pair of mount brackets and hardware for Ford Crown Victoria vehicles, '05 -'08, late mode Chevrolet Tahoe vehicles

RE-ES08 Kit, pair of mount brackets and hardware for 2008 Ford E-Series Chassis

Specifications	
Input Voltage	9 VDC to 15 VDC
Input Current, Operating	12A max
Polarity	Negative grounded systems only
Standby Current	0mA nominal
Operating Temperature Range	-30°C to + 65°C
Frequency Ranges	182 to 400 Hz
Output Voltage	64 VDC (nominal) peak-to-peak
Output Power	80W
Physical Dimensions	
Amplifier	1.3 in H (3.49 cm) X 6.3 in L (15.57 cm) X 5.7 in D (14.48 cm)
Pair of Woofers	8.5 in H (21.6 cm) x 7.25 in (18.4 cm) Diameter round each
Ship Weight	19.0 lbs (8.62 kg)

The Following Federal Signal siren models are compatible with the Rumbler System when used with a Federal Signal speaker(s).

PA300
PA640
SS2000SS
MS4000
AS-422 (VAMA)
Omega U90
Omega Touchmaster Delta
PA4000

In order to emulate the sound of the Q-Siren®, the E-Q2B™ uses a digital signal processor to generate signal containing a complex harmonic structure. This complex harmonic structure makes the E-Q2B incompatible with the Rumbler™ system.



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