

Rumbler®

Traffic Clearing System



FEATURES

- Rumbler low frequencies deliver up to 10 dB more sound pressure inside civilian vehicles near emergency vehicle—getting attention and clearing traffic more effectively than a standard siren tone
- Low-frequency tones work simultaneously with primary siren
- Produces penetrating/vibrating low-frequency sound waves
- 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
- Rumbler low frequency speakers work in conjunction with Federal Signal sirens that feature integrated Rumbler Traffic Clearing capability
- Rumbler low frequency speakers are also available with Rumbler amplifier to work with other Federal Signal sirens
- Vehicle specific mounting brackets available, sold separately
- Three-year warranty

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

Improves Traffic Warning Effectiveness

Rumbler provides a secondary, low-frequency duplicate tone. Low-frequency tones have the distinct advantage of penetrating solid materials allowing vehicle operators and nearby pedestrians to feel the sound waves.

Rumbler senses the primary siren tone signal and reduces the signals' frequency by 75%. It then amplifies the sound through a pair of or single high output speakers. The system's timer allows the tone to sound for eight seconds, provides a highly effective warning, and automatically shuts off.

Secondary System with Built-in Safety

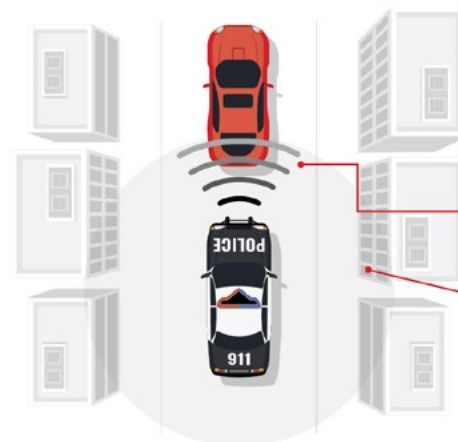
Rumbler low frequency speakers include two new different variations. The Rumbler Solo is a single speaker, allowing for easier and faster install. The Compact Rumbler low frequency speakers are a pair of compact speakers allowing for additional mounting locations.

Rumbler low frequency speakers work in conjunction with Federal Signal sirens that feature integrated Rumbler Traffic Clearing capability. This allows the sirens to produce a Rumbler tone without the need for a separate externally mounted amplifier.

Rumbler low frequency speakers are also available with a Rumbler amplifier, providing Rumbler feature to other Federal Signal sirens.

Vehicle specific mounting hardware is available and ordered separately.

FS TECHNOLOGY



RUMBLER. 2X LOUDER WHERE IT MATTERS

Rumbler® low frequencies deliver up to 10dB more sound pressure inside civilian vehicles near your emergency vehicle—getting attention and clearing traffic more effectively than a standard siren tone.

Sound pressure varies based on vehicle type and distance.

Low frequency tones work simultaneously with primary siren—penetrating nearby vehicles.

Particularly effective for Police and Fire/EMS applications in dense urban environments with heavy vehicle traffic.

HOW TO ORDER

RBKIT2-COMPACT	Pair of Rumbler® Compact low frequency speakers for use with sirens with integrated Rumbler capability
RBKIT1-COMPACT	Single Rumbler Compact low frequency speaker for use with sirens with integrated Rumbler capability
RBKIT-SOLO	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability
RUMBLER-C2	Rumbler amp, pair of Rumbler Compact low frequency speakers, and hardware kit
RUMBLER-SOLO	Rumbler amp, single Rumbler Solo low frequency speaker, and hardware kit

ACCESSORY

RB-SW	Rumbler activation switch
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VEHICLE SPECIFIC BRACKETS

VEHICLE	YEARS	RUMBLER SOLO OR SINGLE COMPACT	PAIR OF RUMBLER COMPACT
CHEVROLET TAHOE	2021-2023	RBS-TAH21ND	RBC2-TAH21ND
DODGE CHARGER	2015-2023	RBS-CHGR15	NA
DODGE DURANGO	2019-2023	RBS-DUR21ND	RBC2-DUR21ND
FORD POLICE INTERCEPTOR UTILITY	2020-2023	RBS-FPIU20ND	RBC2-FPIU20ND

SPECIFICATIONS

AUDIO OUTPUT POWER	80 W
INPUT VOLTAGE	9/15 Vdc
NOMINAL OUTPUT VOLTAGE	64 V peak-to-peak
STANDBY CURRENT	0.025 A
INPUT CURRENT, OPERATING	12 A max
OPERATING TEMP.	-22° to +149° F (-30° to +65° C)
POLARITY	Negative ground only
FREQUENCY RANGE	182 to 400 Hz

PHYSICAL SPECIFICATIONS

	COMPACT SPEAKER	SOLO SPEAKER	AMPLIFIER
LENGTH	6.5 in (16.5 cm)	10.2 in (25.9 cm)	5.7 in (14.48 cm)
WIDTH	7.6 in (19.3 cm)	7.6 in (19.3 cm)	6.3 in (15.57 cm)
HEIGHT	7.6 in (19.3 cm)	7.6 in (19.3 cm)	1.3 in (3.49 cm)
SHIP WEIGHT	8.55 lb (3.9 kg)	10.79 lb (4.9 kg)	2.1 lb (0.9 kg)

Compatible Federal Signal Siren Models

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

- PA300
- MS4000
- AS-422 (VAMA)
- Pathfinder
- PA4000
- SSP3000
- E-Q2B-200/EQ2B-100*

*Note: EQ2B(Legacy) amplifiers are not compatible.



Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Sirens and Speakers may cause hearing damage. Wear hearing protection.

Rumbler, E-Q2B-200 and E-Q2B-100 are trademarks of Federal Signal Corporation. Ford, Chevrolet and Dodge are trademarks of their respective owners.