

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
- Interacts with most 100/200 W 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
- 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

The Rumbler introduces a revolutionary new concept to audible warning through its ability to interact with most 100/200 W 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.

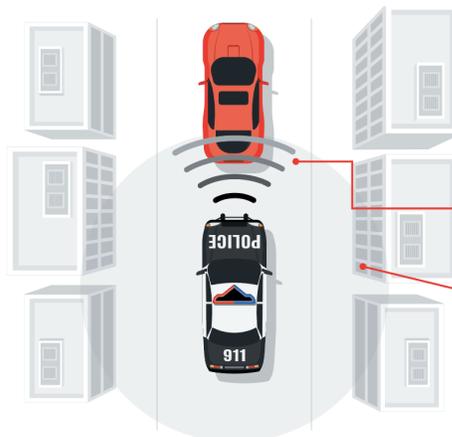
Secondary System with Built-in Safety

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, provides a highly effective warning, and automatically shuts off. The Rumbler is particularly effective when used in dense urban environments with heavy vehicle and pedestrian traffic. A complete Rumbler traffic 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 W emergency siren amplifiers.

FS TECHNOLOGIES



Rumbler.



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

RUMBLER-3	Siren Amp, Rumbler®, secondary warning system, 12 Vdc, low-frequency tones, hardware kit, housing bands and cradles
RBKIT1*	Single Rumbler Woofer for use with Pathfinder® siren
RBKIT2*	Dual Rumbler Woofer for use with Pathfinder siren

*Vehicle specific Rumbler brackets sold separately

ACCESSORY

RB-SW	Rumbler actuation switch
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VEHICLE SPECIFIC BRACKETS

VEHICLE	YEARS	MODEL
KIT, PAIR MOUNT BRACKETS WITH HARDWARE		
CHEVROLET SILVERADO HD	2020	RB-SILHD20
CHEVROLET TAHOE	2015-2020	RB-TAH15
CHEVROLET TAHOE	2021-2022	RB-TAH21
CHEVROLET VAN, ANY BUMPER THAT HAS FLANGE ON THE BOTTOM	2011-2019	RB-GVAN11
DODGE CHARGER	2015-2023	RB-CHGR15
DODGE DURANGO	2015-2017	RB-DUR15
DODGE DURANGO (SINGLE BRACKET)	2019-2023	RB-DUR19
DODGE RAM SSV	2016-2023	RB-RAM16
DODGE RAM CLASSIC	2019-2023	RB-RAM16
FORD EXPEDITION	2008-2021	RB-EXPD08
FORD POLICE INTERCEPTOR UTILITY	2020-2023	RB-FPIU20
FORD E-350/450	2008-2016	RB-ES08
FORD F-150, WITHOUT ECOBOOST	2015-2022	RB-FRD15
FORD F-150, WITH ECOBOOST	2015-2022	RB-FRD15E
FORD F-250/350/450	2008-2021	RB-FHD08
FORD F-250/350/450/550	2016-2022	RB-FHD17
FORD ESCAPE	2020-2022	RB-ESC20
UNIVERSAL	All	RB-U

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

	AMPLIFIER	RUMBLER WOOFER
LENGTH	5.7 in (14.48 cm)	-
WIDTH	6.3 in (15.57 cm)	-
HEIGHT	1.3 in (3.49 cm)	8.5 in (21.6 cm)
DIAMETER	-	7.25 in (18.4 cm) each
SHIP WEIGHT	19.0 lb (8.62 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.

Pathfinder Integrated Rumbler Capability

- Pathfinder + (1) 100 W siren speaker = single-tone, standard PA
- Pathfinder + (2) 100 W siren speaker = dual-tone, standard PA
- Pathfinder + (1) 100 W speaker + (1) or (2) Rumbler woofers = single tone, Rumbler, Enhanced PA
- Pathfinder + (2) 100 W siren speakers + RUMBLER-3 (includes two woofers) = Rumbler, dual-tone siren, standard PA (one channel will Rumble)
- Pathfinder + (1) or (2) Rumbler woofers + (2) 100 W siren speakers + MS4000 = dual-tone, Rumbler, Enhanced PA

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.

