



## ▶ Rumbler® | Intersection-Clearing System

### 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
- Three-year warranty

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.



## HOW TO ORDER

### Select Model

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

#### Select Model

RB-SW	Rumbler acuation switch
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### Vehicle Specific Brackets

Vehicle	Years	Model
<b>Kit, pair mount brackets with hardware</b>		
Chevrolet Silverado 1500	2015-2020	RB-SIL17
Chevrolet Silverado HD	2020	RB-SILHD20
Chevrolet Tahoe	2015-2020	RB-TAH15
Chevrolet Van, any bumper that has flange on the bottom	2011-2019	RB-GVAN11
Dodge Charger	2011-2014	RB-CHGR11
Dodge Charger	2015-2020	RB-CHGR15
Dodge Durango	2015-2017	RB-DUR15
Dodge Ram HD	2010-2012	RB-DG4500HD
Dodge Ram SSV	2016-2018	RB-RAM16
Dodge Ram Classic	2019	RB-RAM16
Dodge Sprinter Van, no cut-away, requires ESB-SPRNTR-D and ESB-SPRNTR-P	2011-2018	RB-SPRNTR
Ford Expedition	2008-2020	RB-EXPD08
Ford Police Interceptor Utility	2016-2019	RB-FPIU16
Ford Police Interceptor Utility	2020	RB-FPIU20
Ford E-350/450	2008-2014	RB-ES08
Ford F-150, without EcoBoost	2015-2020	RB-FRD15
Ford F-150, with EcoBoost	2015-2020	EB-FRD15E
Ford F-250/350/450	2008-2010	RD-FHD08
Ford F-250/350/450	2011-2015	RB-FHD11
Ford F-250/350/450/550	2016-2019	RB-FHD17
Universal	All	RB-U

### 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



## SPECIFICATIONS

### Specifications

Input Voltage	9/15 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	80 W

### Physical Specifications

	Height	Width	Depth
Amplifier	1.3 in (3.49 cm)	6.3 in (15.57 cm)	5.7 in (14.48 cm)
Pair of Woofers	8.5 in (21.6 cm)	7.25 in (18.4 cm) Diameter round each	
Timer	1.4 in (3.6 cm)	6.5 in (16.5 cm)	2.9 in (7.4 cm)

### 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)  
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.

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