Technical Specifications

Current Draw	12 V	24 V	
	IZ V	24 V	
Output power with 13.5V with one 11 ohm speaker:	100 W	100 W	
with two 11 ohm speakers:	180 W	180 W	
ntensity with one 11 ohm speaker:		5 A maximum	
with two 11 ohm speakers:	10 A maximum 18 A maximum	8 A maximum	
	60 V	60V	
Ouput voltage:	00 V	001	
Frequencies (depending on siren version)	600- 1350 Hz		
VAIL	12 cycles per minute		
'ELP	180 cycles per minute		
BITONAL	450 - 600Hz		
farmonic distortion	0,87% (35 W, 100 Hz)		
Passing band +/- 3 dB	90 Hz - 28,000 Hz		
Radio signal level	2,5 V maximum		
ntensity of auxiliary outputs			
ights relay	10 A maximum		
Auxiliary relay	1 A maximum		
perating temperatures	-30°C - +50°C		
hipping weight	1300 gr (each siren)		
Amplifier dimensions	55 x 135 x 170 m	ım	

HOW TO ORDER

Select option from the following list:

<u>Sirens</u>		
Voltage	Public Address	
□ 12V □ 24V	☐ Public address kit	
Speakers □ AL-252 □ AL-257 □ ES100		
Control head		
☐ BCT2015-19, Internati	onal BCT2010-09, Germany	
Control head connectors Kit 8299753 (necessa	ry when there is no lightbars on the system).	

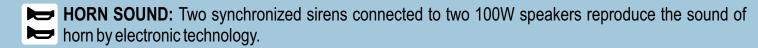
FEDERAL SIGNAL VAMA
Protecting people and our planet

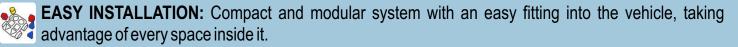
ISO 9001:2008 Certified Company Dr. Ferrán, 7 08339 VILASSAR DE DALT BARCELONA - SPAIN Phone 34 93 741 79 00 Fax 34 93 750 78 23 Email: marketing@vama.es

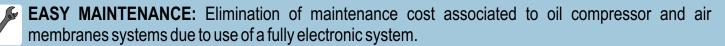


FEDHORN System

Federal Signal Vama presents the new Electronic Sirens System FEDHORN, with horn sound.









DAY/NIGHT: An internal sound damping assure a sound reduction during the night.

CANBUS: Communication System between lights, sirens and controller head. This system minimizes wiring installation and allows controlling all the elements by a single remote control.

FEDHORN System



MAIN FEATURES

System composed by two electronic synchronized sirens (master/slave) connected to two 100W speakers synchronized too. All the equipment is controlled by a CAN BUS control head (*).

- Siren tone change through horn activation.
- Lamp failure detection.
- Relay outputs for priority lights.
- Relay output for tachograph.
- Easy to install mounting bracket for amplifier.
- Standard sound functions: wail, yelp and two-tones.
- Specific configurations for different countries.
- Small size and easy installation.
- Available in 12V and 24V.

* CANBUS control head selected will establish the different functions.

Approvals:

Comply with the Eurpean Directive 2004/104/CE on Electromagnetic Compatibility.

European Standard sounds (Germany TUV certified, Italy, France, etc.)

SPEAKERS

- AL-252, 100W Speaker with round horn and metallic brackets.
- AL-257, 100W Speaker with rectangular horn and driver housing.
 Available in white.
- ES100, 100W Compact speaker.



AL-252



AL-257



ES100