



WARNING LIGHTS



SMLED8-KS
LED SIGNALMASTER with CONTROL HEAD



LED SIGNALMASTER KONTROL SERIES- MAXIMUM EFFICIENCY

The LED SignalMaster **KONTROL SERIES** is a line of integrated directional warning systems from Federal Signal Vama. This series provides an efficient way to direct traffic or signal the presence of obstacles in emergency situations. Models are available with amber LED's and lenses in either 6 or 8 lighting modules. All systems come complete with control head and cables.

Efficiency in power consumption is achieved through use of high-performance Hewlett-Packard LED's. Each lighting module is packed with 32 LED's, maximizing light output while minimizing power consumption. Only 4 Watts of power are consumed per module, far less than conventional halogen lamps. In addition, the service life of LED's is much greater—up to 100,000 hours!

Design efficiency is realized with the lightweight and compact control head. Only 30 mm in depth, it can be mounted in a variety of air-bag safe locations. A coiled cable connects the control head to a cable box which is concealable in out-of-the-way locations.

CONTROL HEAD HAS "SIGNAL VIEWING"

Two of the most innovative features of the **KONTROL SERIES** control head are its back-lit buttons and a display band that emulates actual directional lighting patterns.

Four signaling modes are built into every system: *right sequence*, *left sequence*, *centre-outwards* and *flashing centre-end*. Additionally, two levels of light intensity, two operating speeds and an auxiliary warning light switch are included, giving more customer choice.

QUICK REFERENCE

FEATURES

- Uses long-life, high-performance LED's.
- Lower power consumption than traditional halogen lamps.
- Tough anodized aluminum lighting assembly suitable for use inside or outside vehicles.
- Choice of 6 module or 8 module versions.
- Four warning modes: *right sequence*, *left sequence*, *centre-outwards*, *centre-end* designed to make motorists act.
- Two levels of light intensity and two operating speeds are included in all models.
- Auxiliary priority warning light switch built-in.
- Ultra-compact and lightweight control head mounts anywhere.
- Control head display band emulates actual directional lighting patterns.
- Back-lit buttons brighten to indicate selection.
- Can be connected to vehicle park brake for automatic operation.
- Choice of mounting kits available.
- Long 5.5 meter connecting cable suitable for a wide variety of vehicle types.

Applications

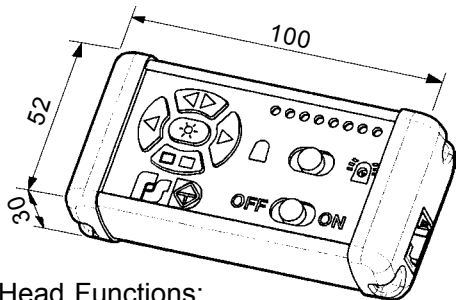
- Police, fire and emergency response vehicles.
- Roadway service and maintenance vehicles.

Related Products








- SML2 SignalMaster warning light.

SIGNALMASTER™ KONTROL SERIES LED SIGNALMASTER WITH CONTROL HEAD

PRODUCT DESCRIPTION



Control Head Functions:

- **ON/OFF** slide switch
- **WARNING MODE** push buttons
 - Right sequence mode 
 - Left sequence mode 
 - Centre-outwards mode 
 - Flashing centre-outwards mode 
- **INTENSITY / SPEED** push button 
- **WARNING LIGHTS** slide switch 
- **DISPLAY BAND** LEDs 

(Normal/Fast) Operating speed is selected by pushing INTENSITY/SPEED push button continuous twice. The warning light slide switch requires use of an external relay (user supplied). The *centre-outwards* warning mode can be automatically engaged by activating the vehicle hand brake (see product Installation Instructions for details).

SPECIFICATIONS

Power Requirements	12VDC or 24VDC models	
Power Consumption	4W per LED module	
Operating range	-25° to + 40° C	
LED type	Hewlett Packard	
No. LED's per module	32	
Directional sequence:		
- normal intensity	60 cycles per minute	
- low intensity	35 cycles per minute	
Flashing		
- normal intensity	95 cycles per minute	
- low intensity	60 cycles per minute	
SignalMaster Lighting Assy.	6 mod sys.	8 mod sys.
- dimensions (L x H x W)	798x84x69mm	1062x84x69mm
- shipping weight	2.7 Kg	3.6 Kg
Control Head - dimensions	100x52x30	
- shipping weight	0.1 Kg	

MODEL MOUNTING BRACKET

SML-UM	Universal mount kit for SMLED-KS
SML-BLOCK	Silent-Block shock absorbing mount kit for SMLED-KS
SML-SM	Kit for mounting SML2 on SMLED-KS

INSTALLATION

LED SignalMaster lighting assemblies are typically installed on the vehicle's exterior. However, they are well-suited for mounting on the interior rear deck as well. Units are constructed of heavy gauge anodized aluminum with polycarbonate lensing. For maximum reliability, they are tightly fitted and sealed against environmental effects. Supplemental SML2 halogen lights (specify blue or amber lenses) can be installed directly on top of the SignalMaster lighting assembly for additional warning light. A choice of mounting brackets is available.

A 5.5 meter cable connecting the lighting assembly to the cable box is designed to accommodate a wide range of vehicles. One end of the cable is attached to a specially coated driver board inside the lighting assembly. This driver board is matched specifically to the SignalMaster *Kontrol Series* control head. System components can not be combined for use with other directional lighting products.

Because the control head is compact and lightweight, installation is fast, easy and versatile. Simply connect the coiled cable between the cable box and control head, and affix the control head to a suitable surface using the velcro materials provided.

HOW TO ORDER

1. Specify the LED SignalMaster *Kontrol Series* model from the list below:

- 2010205** SMLED6-KS, 6 LED modules, 5.5 m cable, control head, cable box assembly, 12 volt.
- 2010206** SMLED6-KS, 6 LED modules, 5.5 m cable, control head, cable box assembly, 24 volt.
- 2010207** SMLED8-KS, 8 LED modules, 5.5 m cable, control head, cable box assembly, 12 volt.
- 2010208** SMLED8-KS, 8 LED modules, 5.5 m cable, control head, cable box assembly, 24 volt.

2. Specify mounting bracket from table (on the left side).

3. Contact the nearest authorized Federal Signal Vama representative.



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