



330104-SB



331105-SB

► SignalMaster™ Controllers | Directional Light Controllers

FEATURES

- Combined 12 and 24 VDC operation from one controller
- Operates two halogen or multiple LED SignalMaster directional lights (331105-SB).
- One controller operates (2) 4-, 6-, or 8-lamp directional lights.
- Fourteen (331105-SB) / seven (330104-SB) SignalMaster warning patterns
- AUX IN and AUX OUT functions with eight warning patterns and steady-on mode allows customization of complete warning packages (331105-SB)
- Turn signal override feature ((331105-SB)
- Tactile membrane switch panel
- Reliable surface mount circuitry

SignalMaster Directional Light Controllers

Federal Signal's SignalMaster™ directional light controllers offer intelligent, reliable design with expanded features and functions. The innovative design makes them unlike any other in the market.

SignalMaster controllers perform the same functions as our previous models, but provide users with a great deal more. They operate 12 and 24 VDC systems and can be configured to operate two 4-, 6- or 8-lamp directional lights. Users can easily select the functions with the tactile membrane panel. For durability, both models are enclosed in a rugged 1/8" thick aluminum housing and include a mounting bracket.

Model 331105-SB – Multiple Flash Patterns

Model 331105-SB, is our full-featured SignalMaster directional light controller. It is equipped with fourteen user-selectable warning patterns. The 331105-SB also has a "Fast" and "Low Power" mode that can be selected for additional warning patterns. The directional control on the 331105-SB is selected by a lever switch. When a pattern is activated, the LED light indicator illuminates for quick recognition.

Auxiliary Light Functions

A unique feature of the 331105-SB is its increased auxiliary light output functionality. The equivalent of a two-channel flasher is incorporated into the controller when the AUX button is activated. The two flasher channels (5-amps each) offer the user the choice of eight selectable patterns plus a steady-on mode. In addition to the flasher channels, the auxiliary feature is capable of switching a user-supplied relay to turn on almost any electronic device from the AUX button.

The auxiliary input feature allows users to activate the selected warning pattern from a remotely installed switch. The 331105-SB controller also features a turn signal override. When connected at the time of installation, use of



the vehicle's turn signal will disable the directional lightbar, allowing the end pods to mimic the vehicle's turn signal. Once the turn is completed, the directional pattern will return to the previous activated pattern. Furthermore, the increased current capacity of the controller allows the operation of multiple LED SignalMaster directional lights.

Model 330104-SB

Model 330104-SB, is our basic SignalMaster™ directional light controller. In place of a lever switch, this controller features an ergonomically designed membrane switch and offers the choice between seven user-selectable warning patterns.

HOW TO ORDER

Specify model

- 330104-SB Basic directional light controller
- 331105-SB Full-featured directional light controller



VPX SignalMaster with Viper EXT LED modules.



Halogen SignalMaster directional light.

SPECIFICATIONS

331105-SB

Specifications

Input Voltage	12 VDC to 24 VDC
Polarity	Negative ground only
Operating Temp. Range	-30°C to +65°C
Standby Current	7mA
+BAT Fuse	25 A (installer supplied)
+Ignition Fuse	2 A
Relay Fuse	1 A (installer supplied)
Output Drive Capability (Total)	
Directional	(16) 27 W lamps on eight channels (2 lightbars in parallel)
Auxiliary	(4) 27 W lamps (2 per output) (2) 55 W lamps (1 per output)
Normal Directional Flash Rate	Approx. 30 patterns per minute
Fast Directional Flash Rate	Approx. 45 patterns per minute

Physical Specifications

Height	1.5 in (3.81 cm)
Width	6.125 in (15.56 cm)
Depth	5.0 in (12.70 cm)

Ship Weight

2.5 lbs (1.13 kg)

330104-SB

Specifications

Input Voltage	12 VDC to 24 VDC
Polarity	Negative ground only
Operating Temp. Range	-30°C to +65°C
Standby Current	7m A (.007A)
Lightbar Fuse	25 A (installer supplied)
+IGNITION Fuse	2 A
Output Drive Capability (Total)	
Directional	(8) 27 W lamps on eight channels
Normal Directional Flash Rate	Approx. 30 patterns per minute

Physical Specifications

Height	1.5 in (3.81 cm)
Width	6.125 in (15.56 cm)
Depth	5.0 in (12.70 cm)

Ship Weight

2.5 lbs (1.13 kg)



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