

# SignalMaster™ Controllers

## Directional Warning Controllers



330104-SB



331105-SB

### FEATURES

- Combined 12 and 24 Vdc operation from one controller
- Operates multiple LED SignalMaster directional lights (331105-SB).
- One controller operates (2) 4-, 6-, or 8-lamp directional lights.
- Multiple user-selected warning patterns: (14) (331105-SB) / seven (330104-SB)
- AUX IN and AUX OUT functions with (8) warning patterns and steady-on mode (331105-SB)
- Turn signal override (331105-SB)
- Tactile membrane switch panel
- Reliable surface mount circuitry
- Three-year warranty

### 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.

They operate 12 and 24 Vdc systems and can be configured to operate (2) 4-, 6- or 8-lamp directional lights. Users can easily select the functions with the tactile membrane panel. Both models are enclosed in a rugged 1/8-inch thick aluminum housing and include a mounting bracket for durability.

#### Model 331105-SB

Model 331105-SB is our full-featured SignalMaster directional light controller. It is equipped with (14) user-selectable warning patterns. The 331105-SB also has a "Fast" and "Low Power" mode that can be selected for additional warning patterns. A lever switch selects the directional control on the 331105-SB. When a pattern is activated, the LED light indicator illuminates for quick recognition.

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 can switch 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 previously 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. This controller features an ergonomically designed membrane switch and offers the choice between (7) user-selectable warning patterns in place of a lever switch.

## HOW TO ORDER

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

## SPECIFICATIONS

	330104-SB	331105-SB
<b>INPUT VOLTAGE</b>	12/24 Vdc	12 /24 Vdc
<b>POLARITY</b>	Negative ground only	Negative ground only
<b>OPERATING TEMP.</b>	-22° to +149° F [-30° to +65° C]	-22° to +149° F [-30° to +65° C]
<b>STANDBY CURRENT</b>	7m A (.007A)	7mA (.007A)
<b>+BAT FUSE</b>	25 A (installer supplied)	25 A (installer supplied)
<b>+IGNITION FUSE</b>	2 A	2 A
<b>RELAY FUSE</b>	N/A	1 A (installer supplied)
<b>OUTPUT DRIVE CAPABILITY (TOTAL)</b>		
<b>DIRECTIONAL</b>	(8) 27 W lamps on eight channels	(16) 27 W lamps on eight channels (2 lightbars in parallel)
<b>AUXILIARY</b>	N/A	(4) 27 W lamps (2 per output) (2) 55 W lamps (1 per output)
<b>NORMAL DIRECTIONAL FLASH RATE</b>	Approx. 30 patterns per minute	Approx. 30 patterns per minute
<b>FAST DIRECTIONAL FLASH RATE</b>	N/A	Approx. 45 patterns per minute
<b>PHYSICAL SPECIFICATIONS</b>		
<b>LENGTH</b>	6.2 in (15.56 cm)	6.2 in (15.56 cm)
<b>WIDTH</b>	5.0 in (12.7 cm)	5.0 in (12.7 cm)
<b>HEIGHT</b>	1.5 in (3.81 cm)	1.5 in (3.81 cm)
<b>SHIP WEIGHT</b>	2.5 lb (1.2 kg)	2.5 lb (1.2 kg)



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