

2562669B REV. B3 0620

## Overview of the System

A special variant of the Six-Button Control Head operates the Valor Light Bar. The light bar is a standard serially-controlled light bar with a custom control-head configuration.

## Standard Installation for Light Bar Control

Follow the installation procedure for the control head and light bar in the instructions provided with each product. To modify the flash pattern, follow the instructions provided with each product.

## Operating and Programming the System

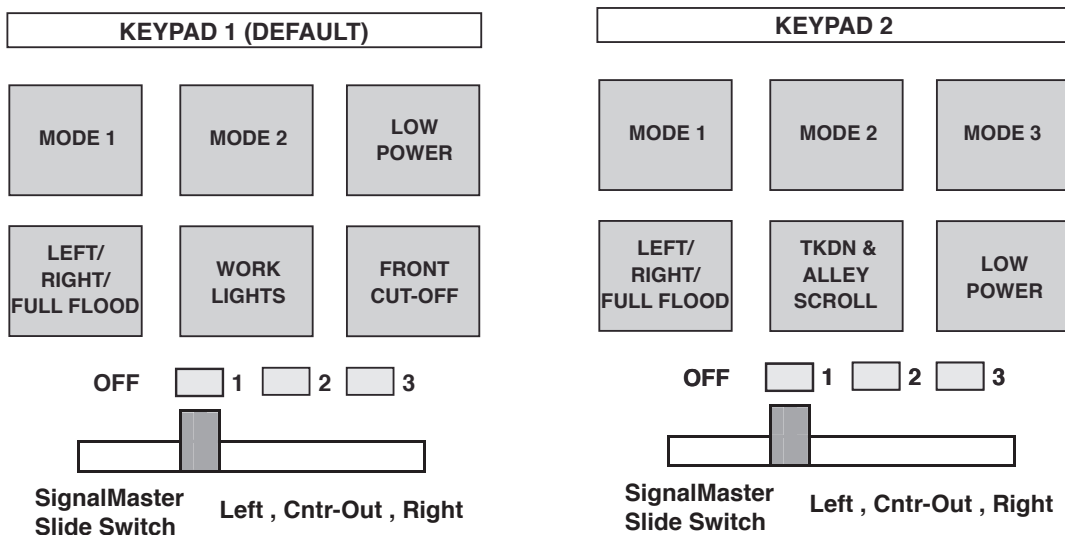
The control head is shipped fully programmed with default button functions and flash patterns. No further programming is necessary unless a change from a default flash pattern is required. To program the flash pattern for the Six-Button Control Head, follow the instructions included with the control head. Mode 1 has nine different patterns available for selection and Mode 2 has a different set of nine patterns available for selection.

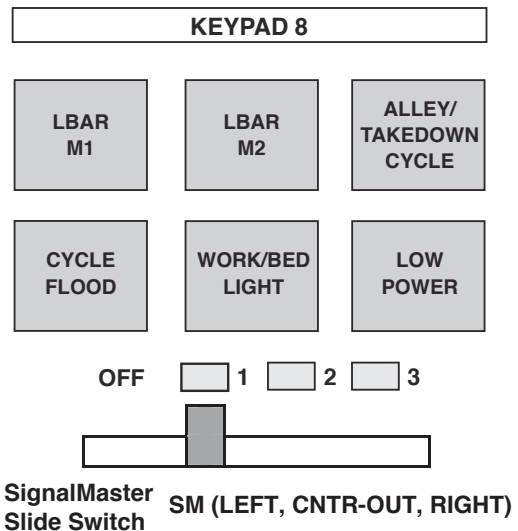
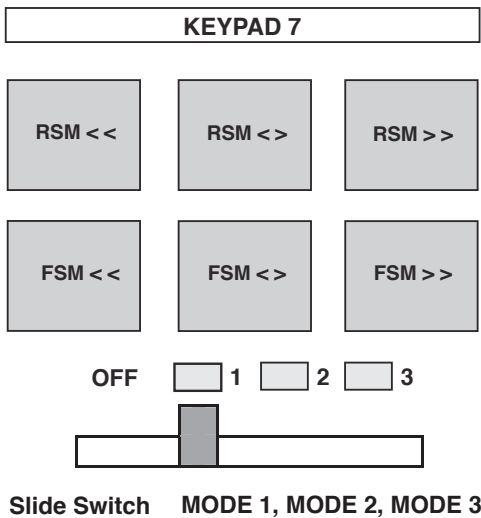
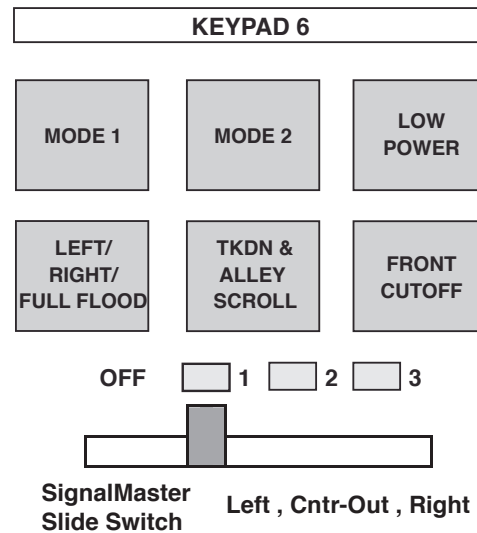
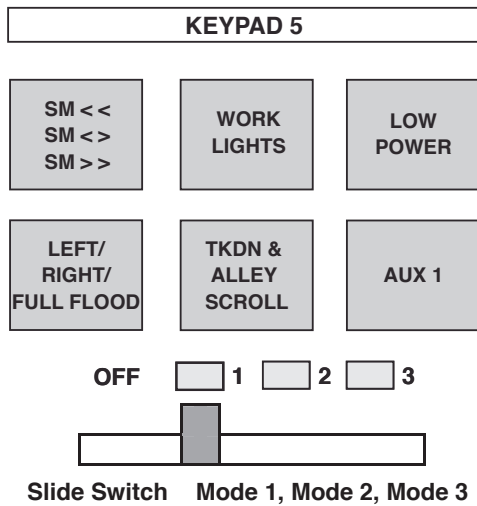
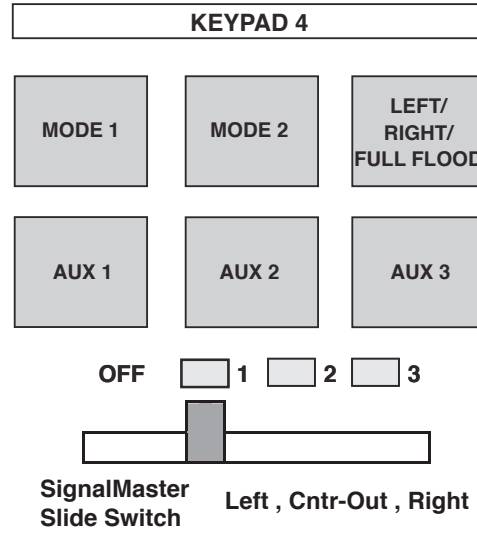
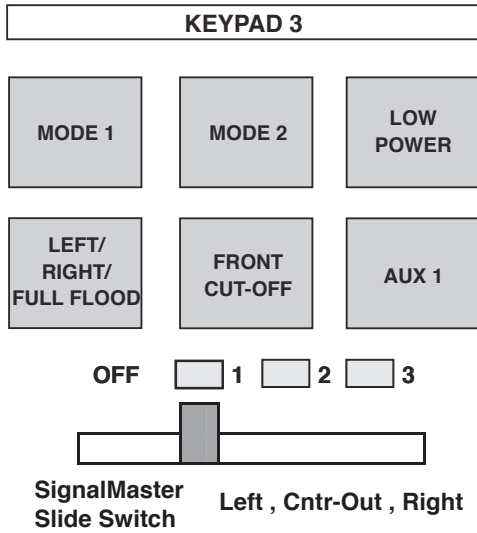
With the proper connections at power up, a button on the keypad blinks when the system starts up. All buttons then glow dimly until pressed. A press of a button sends a serial function command to the light bar, a buzzer beeps, and the button glows at full brightness. A second press of the button either initiates a different function or turns off both the serial function and the button.

## Keypad Configurations for the Special Valor Control Pad

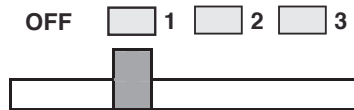
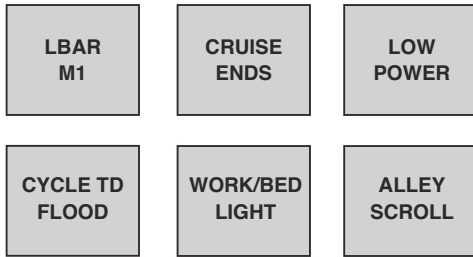
The illustration in this section shows the keypad configuration with button functions for the custom Six-Button Control Head for the Valor Light Bar. To select a keypad other than the default, follow the instructions included with the control head (doc. no. 2562360).

There are 18 different keypad layouts available as shown in the following figures.



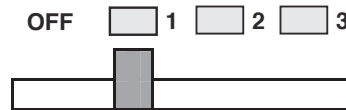
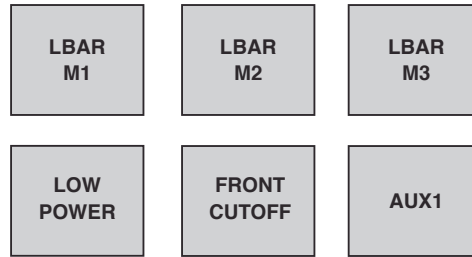


**KEYPAD 9**



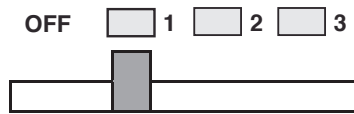
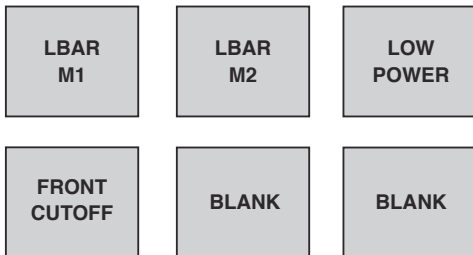
SignalMaster Side Switch SM (LEFT, CNTR-OUT, RIGHT)

**KEYPAD 10**



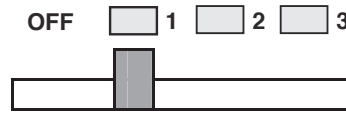
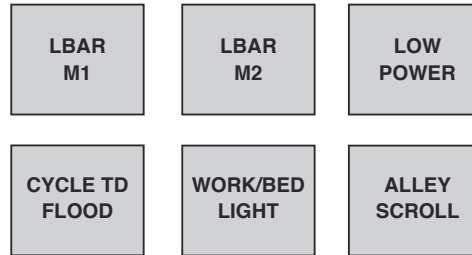
SignalMaster Side Switch SM (LEFT, CNTR-OUT, RIGHT)

**KEYPAD 11**



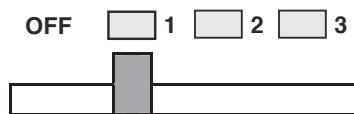
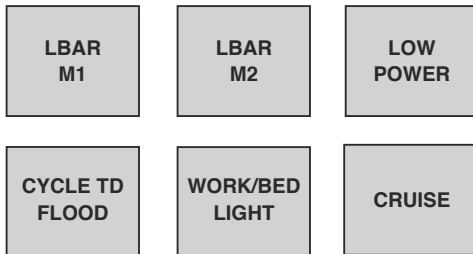
Slide Switch BLANK

**KEYPAD 12**



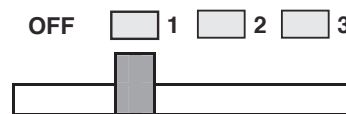
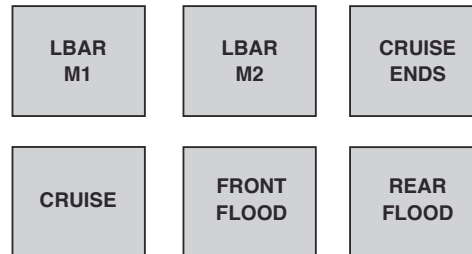
Slide Switch BLANK

**KEYPAD 13**

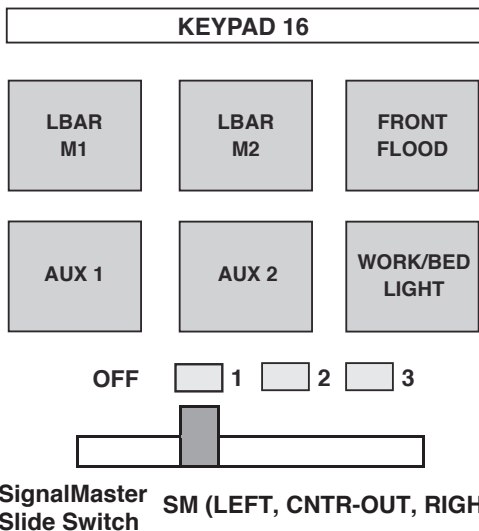
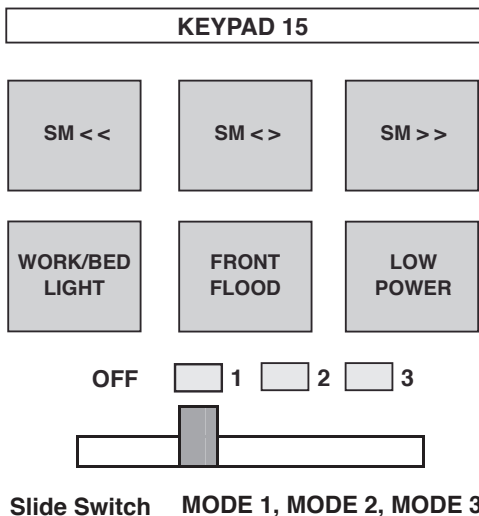


SignalMaster Side Switch SM (LEFT, CNTR-OUT, RIGHT)

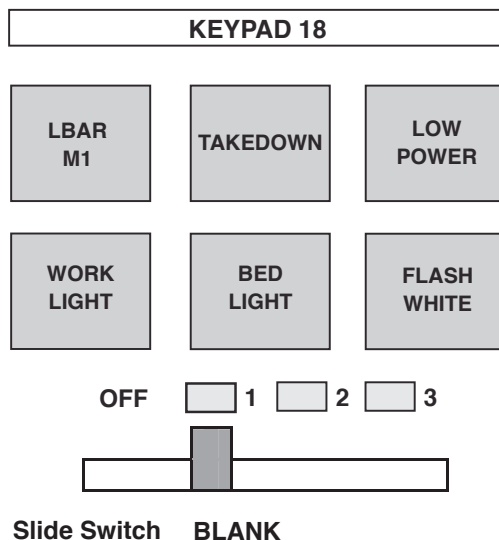
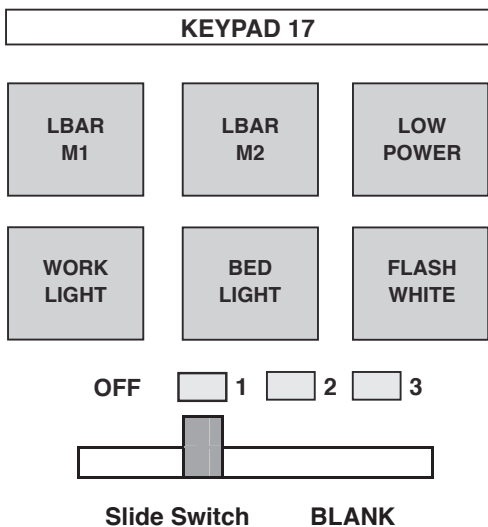
**KEYPAD 14**



SignalMaster Side Switch SM (LEFT, CNTR-OUT, RIGHT)



**NOTE:** Use keypads 17 and 18 for the 21-inch Allegiant Light Bar.



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