

Installation Instructions

ADDING LED FLASH TO MUSIC Kit #26735601, 26735701, 26735801

These instructions outline the procedures to install the parts needed to allow the Lighting Assembly LED's to flash to the music.

Tools Required

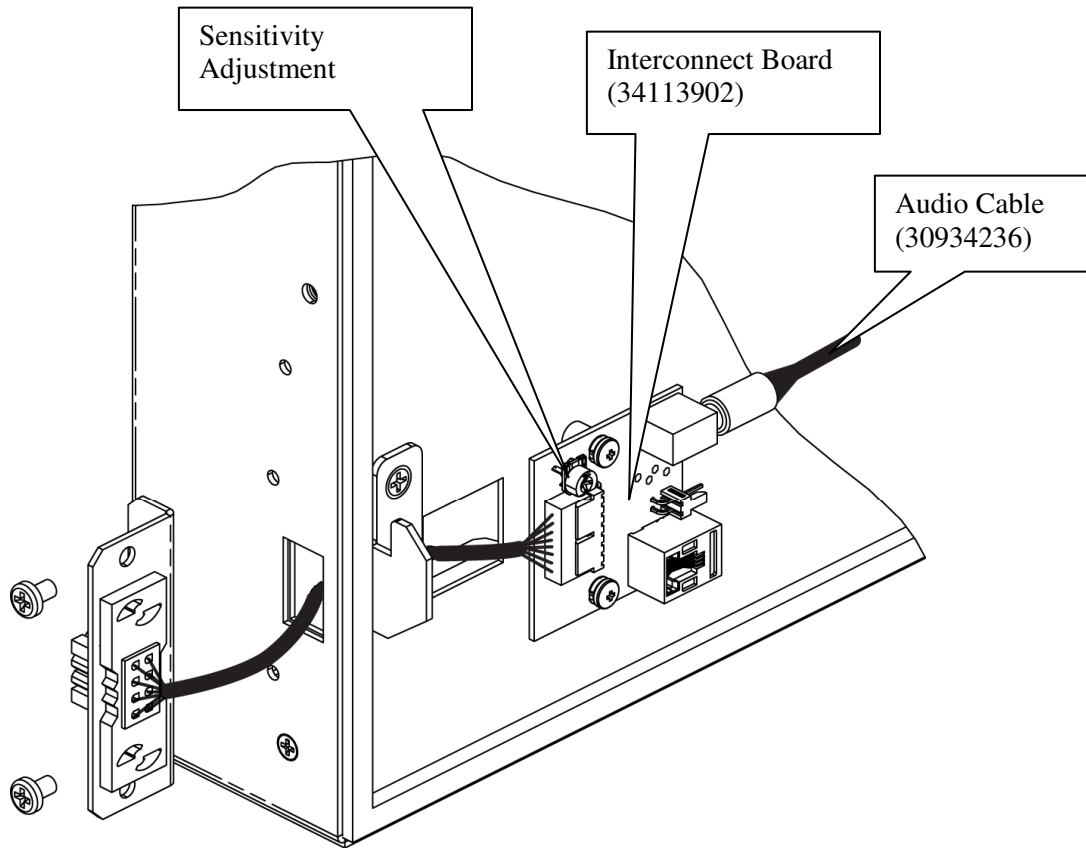
#2 Philips Screwdriver, ¼" Nut Driver

Parts Included with this Kit:

Item #	Marquee	Part Number		Description	Qty
		NGX Grand	Nitehawk		
1	41011401	---	---	CBA Marquee Lghtg Ctrl	1
1	---	41011501	---	CBA Grand Lghtg Ctrl	1
1	---	---	41011601	CBA Nitehawk Lghtg Ctrl	1
2	34113902	34113902	34113902	CBA LED Intercon W/Music	1
3	30934235	30934235	30934235	Splitter-Audio	1
4	30934236	30934236	30934236	Cable-Audio 6ft 3.5mm	1

1. Turn the jukebox power off and unplug the power cord from the wall outlet.
2. Unplug the harnesses from the Interconnect Board, remove it, and replace it with the new Interconnect board (34113902) as shown in Figure 1. Replug the harnesses.
3. Locate the Audio Splitter Cable (30934235). Unplug the Audio Cable from the Core Computer and plug it into the one of the female connectors of the splitter. Plug the male end of the splitter into the Green jack on the Core Computer. Locate the Audio Cable (30934236). Plug one end into the remaining female connector of the splitter. Route the cable along with the rest of the wiring going to the door. Plug the other end into the audio jack on the new Interconnect board. (See Figure 1)





4. Locate the cover for the LED Controller which is found on the back side of the lighting assembly. Remove the two attaching screws. Unplug the harnesses to the LED Controller. Remove the LED Controller by removing the 4 screws. Using the 4 screws, attach the new LED Controller to the lighting assembly. Reattach the harnesses to the LED Controller.
5. Plug the power cord into the wall outlet, and turn jukebox power on.
6. Adjust the sensitivity as described under Operation.

Operation

The lighting assembly can be set up to display various static colors or one of two animated color changing modes. The lighting assembly also includes a feature which allows the lights to move with the music.

By default, the lighting assembly is set to slowly cycle through six different colors with a slow transition between each color.

There are two blue pots on the board marked BRIGHT and SPEED. These are used to set the brightness of the LEDs and adjust the speed of color changes for the two animated color cycling modes.

The four position DIP switch is used to set the operating mode of the controller. Use the following table to set the mode.

SW1	SW2	SW3	SW4	Mode
OFF	OFF	OFF	OFF	Cycle – slow color change (default)
OFF	ON	OFF	OFF	Blue
OFF	OFF	ON	OFF	Cyan
OFF	ON	ON	OFF	Green
OFF	OFF	OFF	ON	Cycle – quick color change
OFF	ON	OFF	ON	Yellow
OFF	OFF	ON	ON	Magenta
OFF	ON	ON	ON	Red
ON	OFF	OFF	OFF	White

There is a Sensitivity adjustment on the Interconnect board on the back of the jukebox door. This adjustment is used to set the audio level so the lights react properly to the music. Play a few song selections and turn the Sensitivity adjustment until the lights react nicely to the music. Adjust the Sensitivity for the best looking light show.

To disable this feature, turn the sensitivity adjustment fully clockwise.



