

SOFTWARE RELEASE NOTES



Product: Best Boy® Wash Luminaire

Manufacturer: PRG

Subject: Software Version 1.13

Bulletin No: BST-017

Date: May 7, 2015

INTRODUCTION

Best Boy Wash Luminaire Software Version 1.13

Software version 1.13 is now available for the Best Boy Wash Luminaire.

Summary of Changes

- + Reduced speed on interrupted moves to prevent losing position on fixed color wheel direction changes.
- + Corrected timed wheel moves when control channel changes during move.
- + Added control channel commands to force gobo wheel to always use shortest path. (Refer to "[Control Channels: New Commands](#)" on page 2.)
- + Allowed control of gobo and index while macros are running.
- + Allowed timed transition on wheels from a fixed position to a spin rate.
- + Added flash display on/off (in addition to strobing the lamp) for RDM identify.
- + CTW now opens when "open all mechs" button in Mech Tests menu is pressed.
- + Fixed "fade down" step of intensity group test.

DETAILS

Control Channels: New Commands

New DMX control channel commands have been added for Gobo Wheel control (82 and 84).

Note: All values must be held for a minimum of 3 seconds to take effect.

DMX Values	Function	Notes
10	Recalibrate: All	
11	Recalibrate: Mechanisms with Errors	
12	Recalibrate: Zoom/Edge	
14	Recalibrate: Color	
16	Recalibrate: Gobo Wheel	
18	Recalibrate: Dimmer/Strobe/Iris	
19	Recalibrate: Pan/Tilt	
20	Lamp: Douse	
30	Lamp: Start	
40	Lamp Power Limit: Full	default
45	Lamp Power Limit: Mid	
50	Lamp Power Limit: Low	
78	Edge: Near Focal Plane	
79	Edge: Far Focal Plane	
80	Gobo: Set Zero Position	
82	Gobo: Always take shortest path	NEW
84	Gobo: Take natural direction with timing *	NEW (default)
90	Display: Turn Backlight On	
95	Display: Turn Backlight Off	
108	Pan/Tilt: Free Motion On	
112	Pan/Tilt: Free Motion Off	
114	No Fade Out	
116	Fade Out After 30s	
118	Fade Out After 60s	
120	Clear Logs	
122	Invert Pan On	
124	Invert Pan Off	
126	Invert Tilt On	
128	Invert Tilt Off	
130	Swap Pan/Tilt On	
132	Swap Pan/Tilt Off	

* The new control channel command defaults to natural direction on power up.

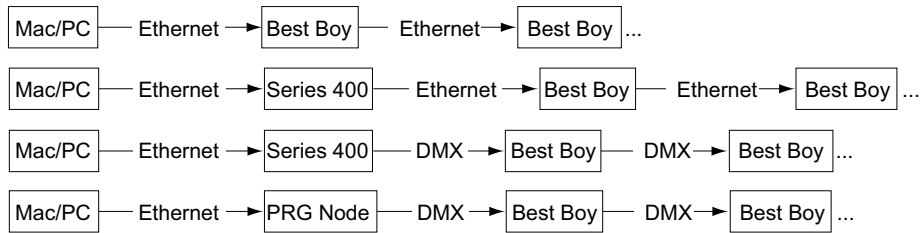
UPDATING SOFTWARE

Software Update Using LumLoader Application

Introduction

The LumLoader application allows you to update the software in a Best Boy Wash Luminaire. The update will be sent over an Ethernet connection. The luminaire can take the Ethernet input directly, or the update can be translated to DMX512 signal with an appropriate device, either Series 400® or a Virtuoso® Node (with the required software update). The fixtures can be daisy-chained to load multiple fixtures at once.

Supported configurations:



Note: There should be no active control (DMX512 or Ethernet) during the update process.

Preparation - Java

The loader (LumLoader) is a Java application which can be run on a Mac or a PC computer.

Note: Microsoft Windows® and new Mac computers do not come with the required Java run-time library installed, so you may need to go to the Sun website (java.com/getjava/) to download Java.

Selecting an Ethernet Interface

Connect the computer to the system, and start the LumLoader application. When the application starts, it will ask which active Ethernet port should be used. Select the appropriate port. You may be able to differentiate the ports by IP address, compared with your network setup. Typically the en0 is the first built-in Ethernet port, and other interfaces could include additional network ports or wireless adapters.

Selecting the Module

The loader can support multiple versions of software, so make sure the appropriate version is selected. The default version will typically be fine.

Download the Software

Press "Start Download" to initiate the update. You should see the luminaires immediately drop into the startup screen and erase flash, which takes about 30 seconds. Then the new module is sent out, the screen indicates "Loading", and when complete they will go back to the main menu and start calibration.

If the fixture already has the update software version, it will not attempt the update.

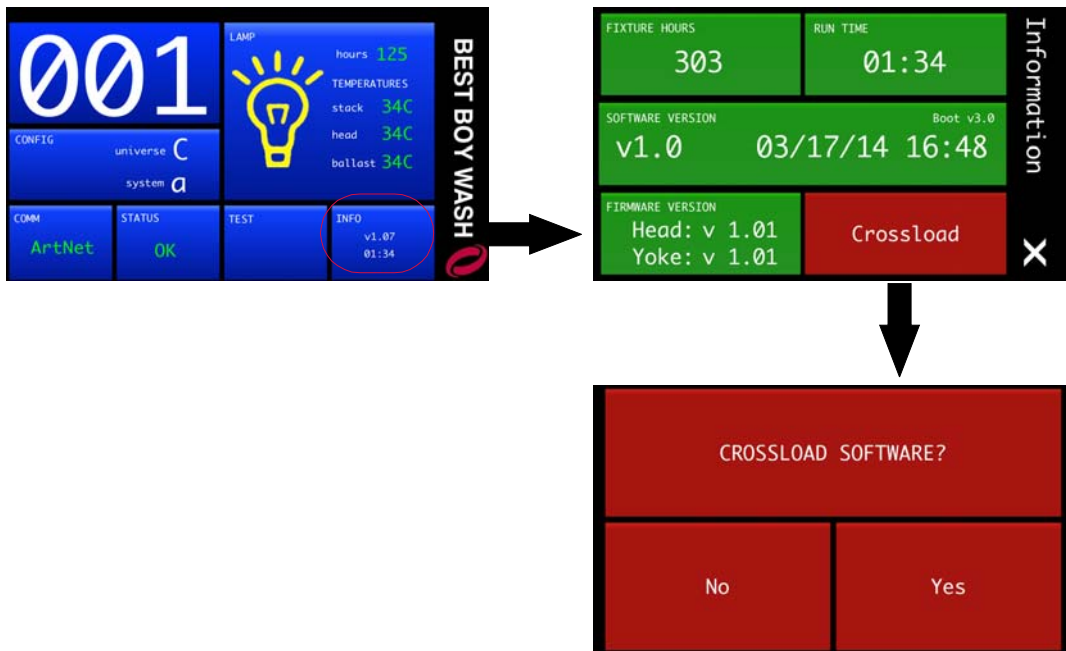
Troubleshooting

- + If the LumLoader application does not start up, make sure the Java library is installed.
- + Make sure the network port is active before starting the application. Sometimes it takes several seconds for the operating system to recognize the network link.
- + Make sure there is only one instance of the LumLoader application running.
- + Wireless should be disabled on the computer.

Software Crossload

The Information menu provides a method for sending a luminaire's current software version to all connected luminaires. (Luminaires can be daisy-chained via DMX512 or Ethernet.)

To initiate the software crossload, press **Crossload Software** at the Information screen. At confirmation screen, press "Yes." If a connected luminaire already has that software version, it will do nothing. If it does not have the same version, it will go into the boot screen and start updating.



Note: There should be no active control (DMX512 or Ethernet) during the update process.
