

Part nr. 1035rev2.2  
Power: 3V – 5.5V

firmware: rev3.2

Includes: 3 ultra bright LED's  
red, green, white

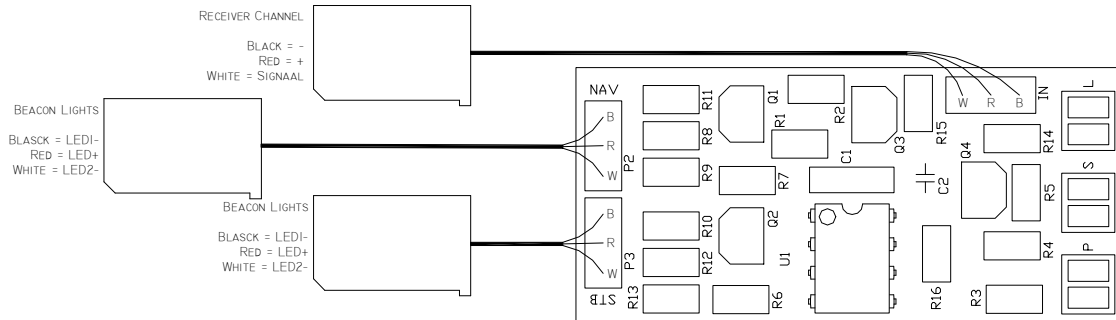


figure 1

## User's Guide

To decrease the flash frequency:

Short the two 'L' pads together and hold for 1 flash cycle. (See figure 1)

To increase the flash frequency:

Short the two 'S' pads together and hold for 1 flash cycle. (See figure 1)

To set the default flash frequency:

Short both the two 'S' pads together and the two 'L' pads together and hold for 1 flash cycle. (See figure 1) There is no danger in shorting 'L' and 'S' together during this process.

The inputs are read once before each flash cycle. The shorts must be in place then. If the input stays on then it will be read and acted upon repeatedly. The new settings are stored in memory and retained even when the power is off. A small piece of aluminum foil makes a good shorting tool.

To choose a flash pattern:

Short the two 'P' pads together and hold for 1 flash cycle. (See figure 1)

The input is read the same as the others and the following pattern will be chosen. (See figure 2)

To set default values for all settings:

1. Short all 3 pad pairs together before the power is turned on. (See figure 1)
2. Turn on the unit. The NAV lights will flash once.
3. Turn the unit off and remove the shorts.

Use a ferrite ring around the cables in case of receiver interference.

Control signals:

1. If the unit is connected to a receiver, the lights can be turned on and off with a receiver channel.
2. The receiver signal line can also be connected to a switch for control. In this case, use only the unit's supply voltage as a control signal.

**Caution: LED light output is bright enough to cause injuries to the eyes. Precautions must be taken to prevent looking directly at the LED without proper safety equipment.**

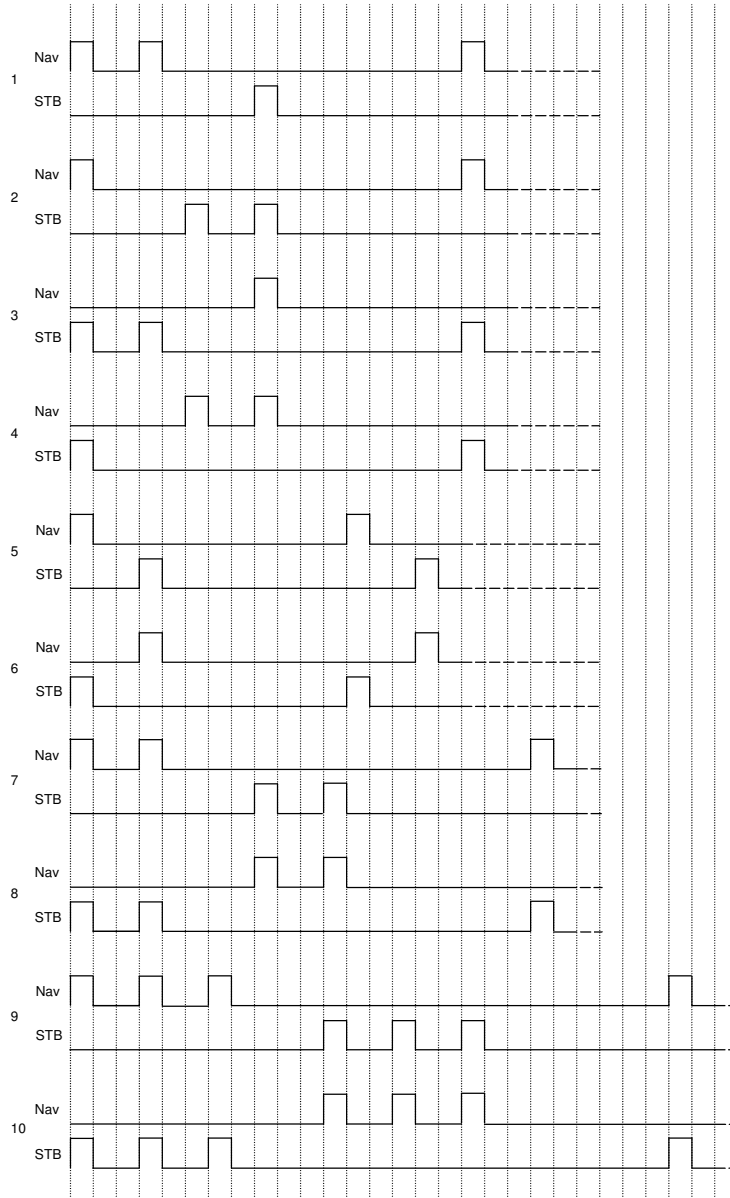


figure 2

### Specifications

Name	Navigation Lighting Module
Part nr.	1035
Hardware rev	2.2
Firmware rev	3.2
Control voltage	3.5V – 5.5V
Current use	Variable per settings
Weight	16 gm
Cable length	29 cm
Available flash patterns	10
Lamp channels	4
Output channels	2
Control input	1-2ms pulse or switched V+

Check for the latest version of this manual at: <http://www.thomson-automation.com/RC/WebModules/1035/1035en.aspx>

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