



## *Users Manual for Scrolling Brake Light*

### General Information

120 character scrolling messages built in a Turbo Regal 3<sup>rd</sup> brake light assembly.  
5 messages are programmable using small remote control.  
Turn on and off using remote control with power applied.  
Programmed messages are not lost when power is removed.  
Powers up to the last message that was scrolling.  
Message is bright enough to be read in the daylight even thru dark tint.  
The supplied hand held remote control is the only way to program the Scrolling Brake Light. This manual shows you how to program messages using the remote.

### Technical Specs

Power requirements are 12 volt DC @ 500mA operating between 32 and 113 degrees not to exceed 95% humidity. Red or white striped wire is positive. There is not reverse polarity protection. If you hook up the power wires backwards you will damage the electronics.

### Mounting the Scrolling Brake Light.

Remove your old 3<sup>rd</sup> brake light assembly by unscrewing both screws on either side of lower base. Remove power wire. Plug Scrolling Brake Light into power harness. This will operate the Scrolling Brake Light with the brake lights.

### Basic Operation

When you apply power, the Scrolling Brake Light it will automatically display the last displayed programmed message.

### Remote Control

|        |   |
|--------|---|
| INSERT | Inserts a letter  |
| EDIT   | Enters edit mode  |
| ENTER  | Confirms entry  |
| PREV   | Scrolls to the previous displayable character           |
| LEFT   | Moves backward to the previous character                |
| RIGHT  | Moves forward   |
| NEXT   | Scrolls to the next displayable character               |
| SHIFT  | Toggles between upper & lower case, numbers and symbols |
| CLR    | Deletes a letter or clears all text in selected message |
| SLEEP  | On and off with power applied                           |

### Creating or editing a text message P:1 thru P:5

Press EDIT button to enter edit mode. P:1 will display for the 1<sup>st</sup> memory location. The number after the P is the memory location. There are 5 separate memory locations each holding up to 120 characters each. If the selected location already contains a message then scroll to the end to add to the message using the RIGHT button or use the PREV or NEXT to change the character. Press ENTER to confirm your message.

#### Scrolling Speed SP1: thru SP3:

SP indicates the scrolling speed of the message. Use the PREV and NEXT button to change speed. ENTER to confirm.

SP1 scrolls fast

SP2 scrolls moderate

SP3 scrolls slow

#### Creating a message

After selecting scrolling speed, the Scrolling Brake Light will enter edit mode indicated by a blinking rectangle which indicates a space. Press shift key to toggle between character sets. Blinking **A** for caps, **a** for lower case, **0** for numbers and **!** for symbols. Once you have selected the character set, use the PREV and NEXT to go thru the characters. You can select a different character set at anytime using the SHIFT button or at the end of one character set the next character set will display. Pressing the ENTER button will confirm the message and it will start to scroll.

#### Running a saved message

Pressing the PREV or NEXT button while a message is scrolling will move to the next programmed message.

#### Editing existing message

Enter EDIT mode and use the LEFT or RIGHT button to get to the character you want to edit. Use the PREV or NEXT to edit character. Enter to confirm change.

#### Erasing a portion of a message

Enter edit mode and use the LEFT and Right button to get to the character you want to edit. Press the CLR. This will put a space where the character was. When finished, press ENTER to confirm.

#### Deleting a message

Press the edit button. It displays the memory location. Press CLR to clear the message at this location.

#### Sleep Mode

The SLEEP button allows you to turn off or on with power applied.

#### List of character sets

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

0123456789!@#%&()+''?,

/=-<>^.;\{}~[] and space

#### Troubleshooting No display

All Scrolling Brake Lights are tested before shipping. Insure that power is applied.

#### Troubleshooting Remote not working

Make certain that there is no obstruction from the IR emitter on the remote to the lower left receiving window on the Scrolling Brake Light. The remote has been tested on GNs with dark tint without a problem. Install the supplied replacement CR2025 battery.

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