

# Messaging Software User Manual



**ADAPTIVE**

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- NOTE: Messaging Software User Manual for BetaBrite Version 1.1 and Alpha Messaging Software Version 1.0
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# General Information

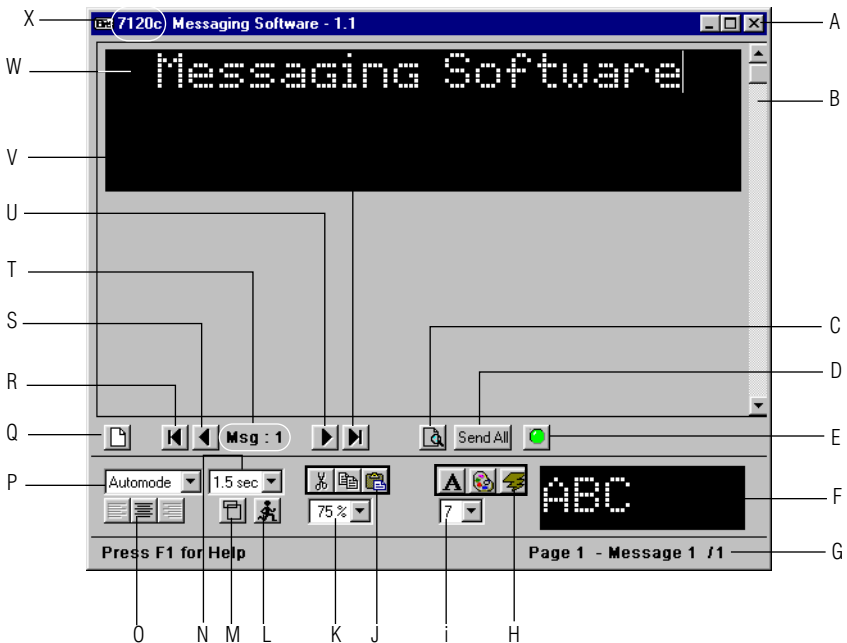
*Messaging Software* allows you to send messages to your sign using a computer.

NOTE: Items or features that are grayed out in the software either are not supported by your type of sign, or not available in the software.

NOTE: Items appearing throughout the manual in *italics* indicate software, or screen emphasis. This is what you will see on the screen.

NOTE: Items appearing throughout the manual in **bold** indicate that you are to perform a function.

After you install the *Messaging Software* and start it up, this is what should appear on your computer screen:



## Screen layout and overview

| Letter | Name   | Description  |
|--------|--|--|
| A      | Quit   | Quits out of the messaging software.   |
| B      | Scroll Bar   | When you type more text than will fit in the line windows that show on the screen, you can use the scroll bar to move up and down within the entire message. Either drag the scroll box, click in the scroll bar, or click on the up-and down arrows.  |
| C      | Preview this message   | Sends the current message to the sign. No other messages show on the sign during preview.  |
| D      | Send All messages  | Sends all available messages which are turned on. This also updates already running messages. When you are done previewing the current message, click OK.  |
| E      | On/off button  | Use this button to indicate that this message will or will not be sent to the sign when all messages are transmitted or updated.   |
| F      | Text Preview window  | Shows how the text will appear with the chosen character attributes. If text in the message is highlighted, the text preview reflects how that text appears. If no text is actually highlighted, the text review shows how the next typed will appear.   |
| G      | Status Bar   | Shows that this Help system can be displayed by pressing F1. Also shows the number of the current message-in the order of creation-and the total number of messages.   |
| H      | Listed in order of appearance on screen:<br>Text styles (font) icon<br>Text color icon<br>Text flashing icon | Allows you to select one of several fonts for selections of text. Options include various widths, shadowing effect, and serif or sans-serif text.<br><br>Allows you to select one of several colors for selections of text. The colors available depend on the type of sign you have.<br>The top row(s) of colors are variations of red, yellow, and green.<br>The bottom row has, in order:<br>Horizontal Rainbow<br>Diagonal Rainbow<br>Mixed colors (Each character is a different color.)<br>Autocolor (Each line is shown using colors that cycle through all available colors) |
| I      | Text Size  | Options for height of text: "5" high, "7" high, "10" high, and "16" high (this will depend upon your sign type. "5", "7", "10", "16", and "24" indicate the number of rows of LED lights that are used for a character. Only upper case is available for "5" high, while both upper- and lowercase are available for "7", "10", "16", and "24" high. The default is "7" high.  |
| J      | Cut<br>Copy<br>Paste   | Removes the selection from the message and places it on the Clipboard.<br>Copies the selection to the Clipboard.<br>Inserts the contents of the Clipboard where the cursor is, and replaces any selection. This command is available only if you have already cut or copied a selection.   |

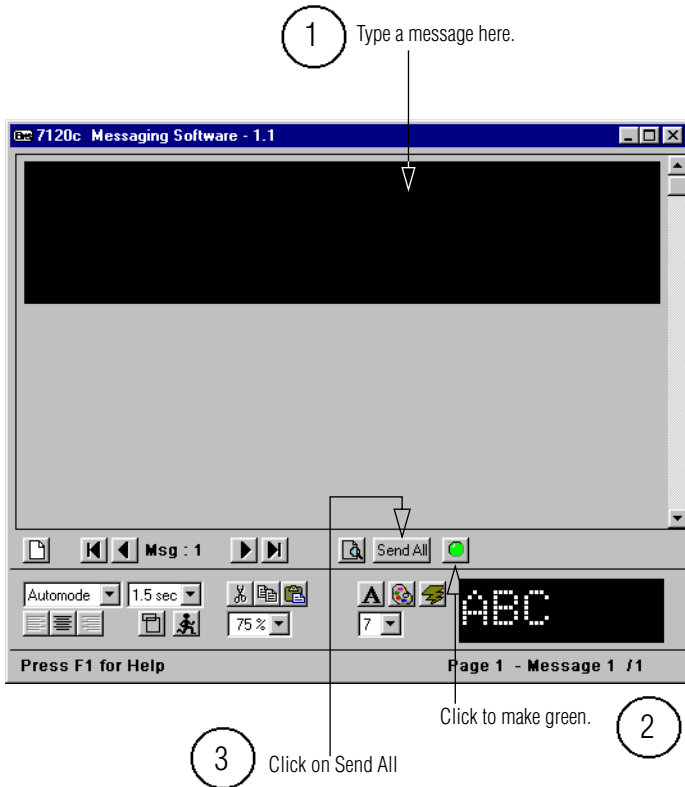
| Letter | Name  | Description   |
|--------|---|---|
| K      | Zoom control  | Shows the lines of the message at the selected percentage of full size so you can zoom out to see more lines of the message at a smaller size, or into see fewer lines at a larger size.  |
| L      | Listed in order of appearance:<br>Animation/time/date                             | Allows you to include one of several preset animations in the display of the sign. (For example, selecting Cherry Bomb displays a firecracker with a burning fuse. When the fuse burns down, the bomb explodes.) Allows you to include time/date.   |
| M      | Header/body   | Defines a selection (one or more lines) in a message to be used as a header. The header line(s) will appear above of that message.  |
| N      | Pause duration  | Indicates the amount of time the message will be shown for reading on the sign.   |
| O      | Listed in order of appearance on screen:<br>Left<br>Center<br>Right justification | Left- Align text on the left.<br>Center- Aligns text in the center.<br>Right- Aligns text on the right.   |
| P      | Special effects modes   | Modes are special effects applied to the way the messages are presented. They change the way a line of text appears on a sign.  |
| Q      | New message   | Creates a new (blank) message.  |
| R      | Navigational Bar  | First- When you have more than one message, this button will show the first one created.  |
| S      | Navigational Bar  | Previous-When you have more than one message and you are looking at any of the messages, except the first one, this button will show the previous message by order of creation.   |
| T      | Message indicator   | Indicates what message you are currently on and or viewing.   |
| U      | Navigational Bar  | Next- When you have more than one message, and you are looking at any of the messages, except the last one, this bottom will show the next message by order of creation.<br><br>Note: If you begin a new message here, and you are on your last message, a new message will be created at the end.  |
| V      | Navigational Bar  | Last- When you have more than one message, this button will show the last one created.  |
| W      | Message Window  | This set of one or more windows shows the contents of the message, including text and graphics. What you see is what you get.<br><br>Note: If your sign has a "R" after its' model type, then the sign has only red color capabilities and the message will appear in red. (Example, 4120R).<br><br>Note: To delete text from the message, highlight the text and press the Delete/backspace key on your keyboard.<br><br>Note: To delete the entire message, first delete all the contents of the message, then press the Delete/backspace key on your keyboard once more. |

| Letter | Name      | Description                    |
|--------|-----------|--------------------------------|
| X      | Title Bar | Indicates the sign model type. |




# Beginning text messaging

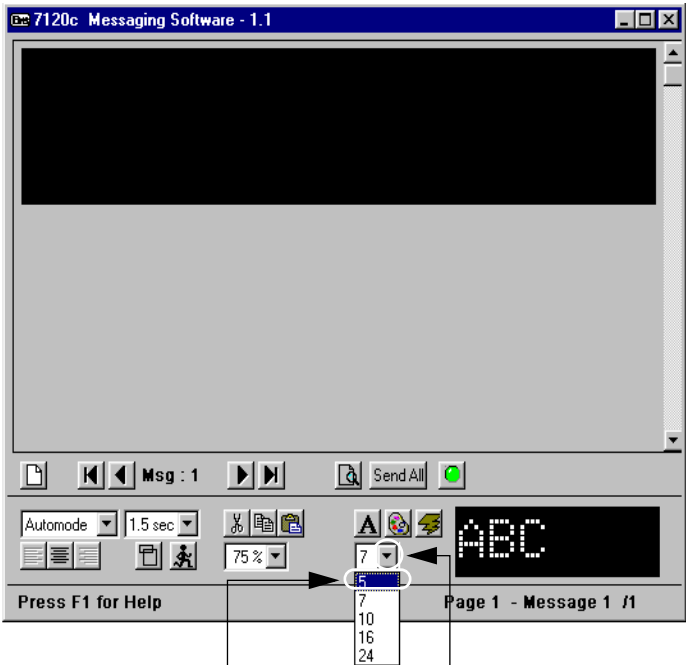
## Example 1- The Basics


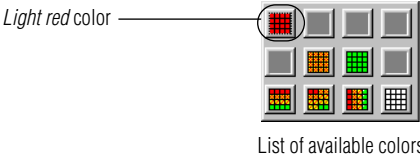



## Example 2- Creating your first message

For the first message that you create, you will be using the “5” high font.

| Step | Description  |
|------|--|
| 1    | <div>Click on the New message icon.</div> <div></div> <div>New message icon</div> |

| Step | Description  |
|------|--|
| 2    | <p>Using the <i>Text size drop down arrow</i>, select the "5" high font.</p>  <p>Select the "5" high font</p> <p><i>Text size drop down arrow</i></p> |

| Step | Description   |
|------|---|
| 3    | <p data-bbox="189 154 867 178">Click on the <i>Text color</i> icon. A list of available colors will appear. Select the <i>Light red</i> color.</p> <div data-bbox="225 214 913 773"></div> <div data-bbox="231 976 652 1131"><p data-bbox="487 1109 652 1131">List of available colors</p></div> |

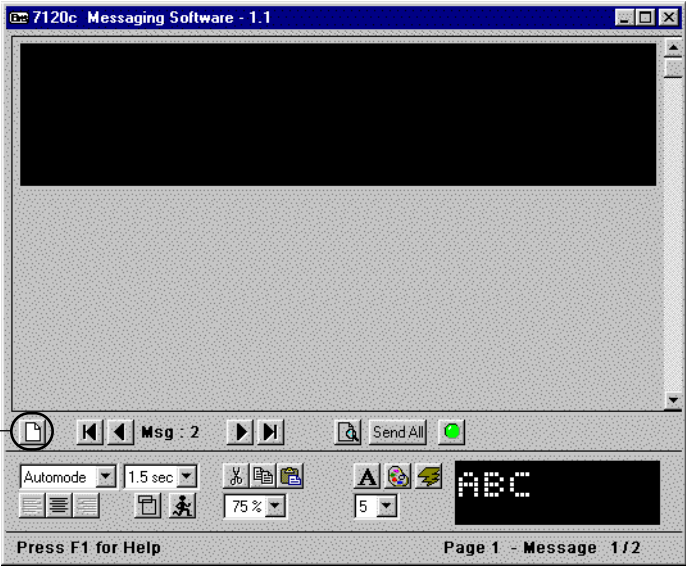
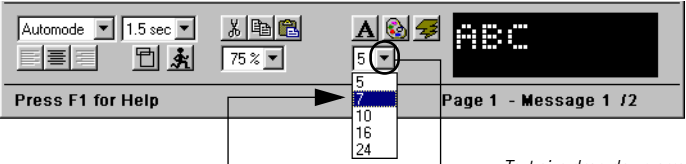
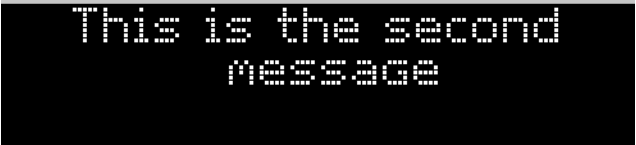
| Step | Description   |
|------|---|
| 4    | <p>Type, THIS IS YOUR FIRST MESSAGE</p>  |

| Step | Description   |
|------|---|
| 5    | <p>Click on the <i>Preview this message</i> icon to display the message on the sign . A <i>Info #1</i> screen will appear if you have programmed other messages into the sign, Click on Yes or No to send the other messages, and your new message to the sign. A reminder screen will appear once you have clicked on Send All. Click OK.</p> <div data-bbox="245 266 924 388"></div> <div data-bbox="210 407 414 565"><p>Note: When you preview the message on the sign, all of the other messages that you have programmed will be displayed unless you Click on No.</p></div> <div data-bbox="210 594 410 724"><p>Note: If you want all the messages to stay on the sign, Click on Send All instead of the <i>Preview this Message</i> icon.</p></div> <div data-bbox="469 467 705 592"></div> <div data-bbox="533 607 641 630"><p><i>Info #1</i> Screen</p></div> <div data-bbox="245 769 924 891"></div> <div data-bbox="455 937 805 1078"></div> <div data-bbox="434 1084 827 1107"><p>Click OK to have all active messages sent to the sign.</p></div> <div data-bbox="203 1146 429 1198"><p>Note: A message is active if the <i>Set message On/off</i> button is green</p></div> |

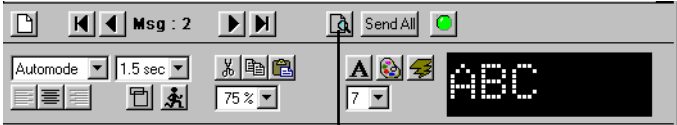
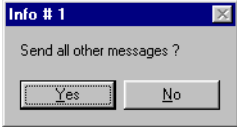


| Step | Description   |   |
|------|---|---|
| 6    | <p>This is how the message will look on the one-line series signs:</p> <div><div>THIS IS YOUR</div><div>THEN</div><div>FIRST</div><div>THEN</div><div>MESSAGE</div></div> | <p>This is how the message will look on the two-line series signs:</p> <div><div>THIS IS YOUR FIRST</div><div>MESSAGE</div></div> |
|      | You've just created a message and sent it to the sign.  |   |


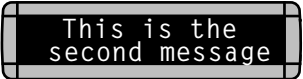






# Example 3 - Using upper and lowercase in a 1 and 2-line message

This section shows you how to create messages on your signs using the default “7” high font.

| Step | Description  |
|------|--|
| 1    | <p>Click on the <i>New message</i> icon</p>  <p><i>New Message</i> icon</p>   |
| 2    | <p>Using the <i>Text size drop down arrow</i>, select the default “7” high font.</p>  <p>Select the “7” high font</p> <p><i>Text size drop down arrow</i></p> |
| 3    | <p>Using the Shift key on your keyboard when necessary, type This is the second message</p>   |



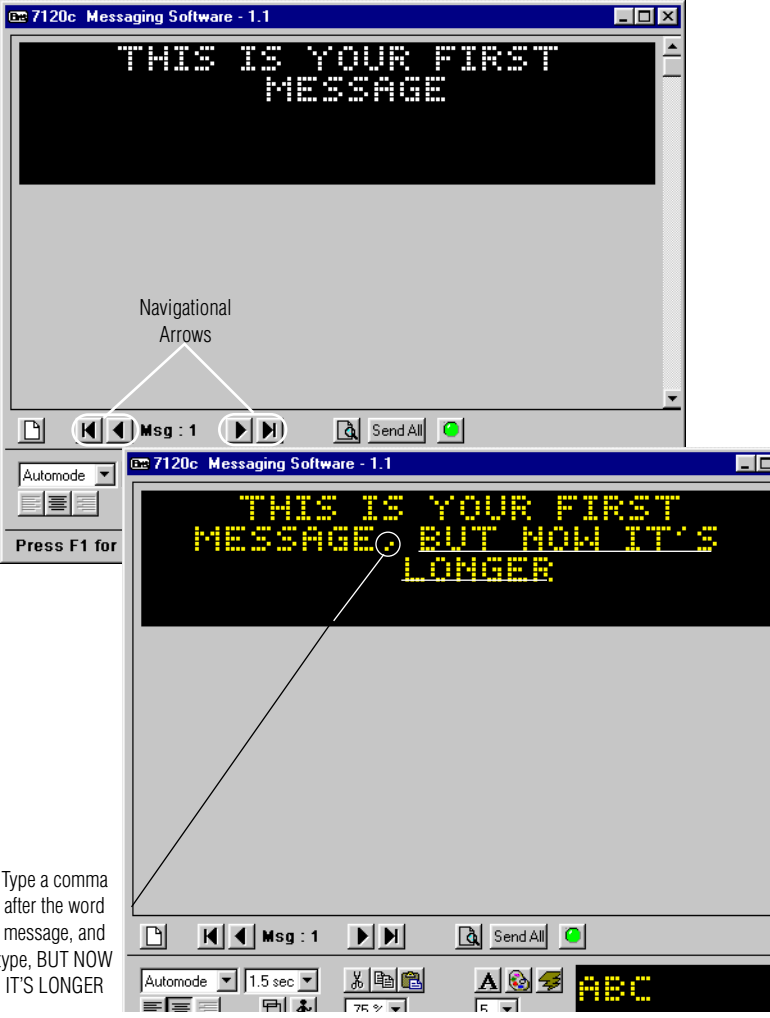
| Step | Description  |
|------|--|
| 4    | <p>Click on the <i>Preview this message</i> icon to display the message on the sign . A <i>Info #1</i> screen will appear if you have programmed other messages into the sign. Click on Yes or No to send the other messages, and your new message to the sign. Do not click on the confirmation screen until the message has appeared on the sign. A reminder screen will appear once you have clicked on Send All. Click OK.</p> <div></div> <div><p>Note: When you preview the message on the sign, all of the other messages that you have programmed will be displayed unless you Click on No.</p><p>Note: If you want all the messages to stay on the sign, Click on Send All instead of the <i>Preview this Message</i> icon.</p></div> <div></div> <p><i>Info #1 Screen</i></p> <div></div> <div></div> <p>Click OK to have all active messages sent to the sign.</p> <div><p>Note: A message is active if the <i>Set message On/off</i> button is green.</p></div> |


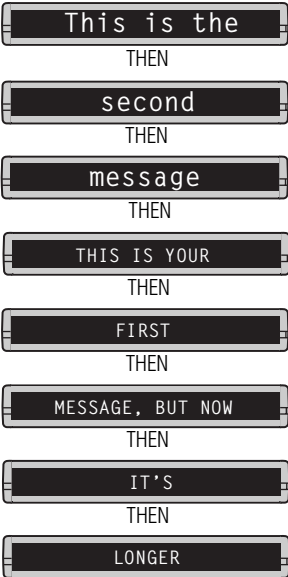
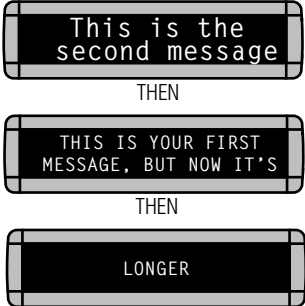
| Step | Description   |   |
|------|---|---|
| 5    | This is how the messages will look on the one-line series signs:                  | This is how the messages will look on the two-line series signs                   |
|      |  |  |
|      | THEN  | second message  |
|      |  | THEN  |
|      | THEN  |  |
|      |  |   |
|      | THEN  |   |
|      |  |   |
|      | THEN  |   |
|      |  |   |
|      | THEN  |   |
|      |  |   |

### Example 4- Editing the text of an existing message

After typing in a message, you may want to add or remove text from it. The following is an example of this common situation.



In this example, we'll change the first message to say: "This is your first message, but now it's longer":

| Step | Description   |
|------|---|
| 1    | <div><p>Using the <i>Navigational arrows</i>, locate the first message that you created, and using you keyboard, type a comma after the word Message. Then, type, BUT NOW IT'S LONGER.</p><p>Type a comma after the word message, and type, BUT NOW IT'S LONGER</p></div> |

| Step | Description  |  |
|------|--|--|
| 2    | <p>Display the message on the sign by either:</p> <ul style="list-style-type: none"><li>• Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li><li>• Clicking on <b>Send All</b> which will display the message until it's deleted (shown below).</li></ul> <div></div> |  |
| 3    | <p>This is how the messages will appear on the the one-line series signs:</p> <div></div>  | <p>This is how the messages will appear on two-line series signs:</p> <div></div> |

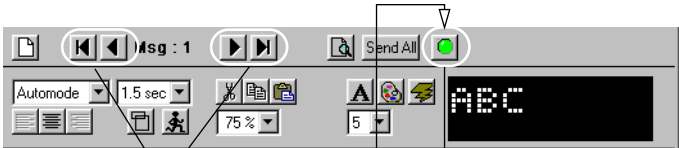
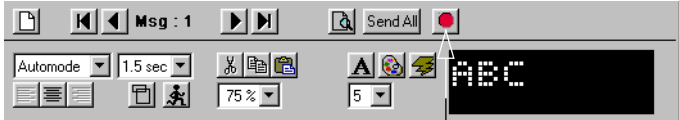

## Example 5- Reviewing your messages

This example will show you how to review messages. This example will use the first and second message that you created.

| Step | Description  |
|------|--|
| 1    | <p>Using the <i>Navigational arrows</i>, locate the first message that you created.</p> <div data-bbox="227 418 916 1040"></div> <p><i>Navigational arrows</i></p> |
| 2    | <p>Using the <i>Navigational arrows</i>, locate the second message that you created.</p> <div data-bbox="245 1252 884 1395"></div>                                |

# Example 6- Turning messages on and off

Turning messages on and off to the sign indicates whether or not the message will be transmitted to the sign. To turn a message off from the sign, you must do the following:

| Step | Description   |
|------|---|
| 1    | <p>Use the <i>Navigational</i> arrows to locate your first message, and click on the <i>Set messages On/Off</i> button until it changes to red.</p>  <p>Navigational arrows</p> <p>Set messages On/off button</p> <p>When the Set messages On/off button is green, the message is on</p>  <p>When the Set messages On/off button is red, the message is off</p> <p>Note: To update the sign so that this message does not appear on the sign after you have turned it off, click on the Send All icon to update the message status to the sign.</p> |
| 2    | <p>Click on the Send All icon. The sign will now update and the message that you have turned off will not appear.</p>  <p>Send All icon</p> <p>Note: Click on the Send All icon to update the message, otherwise the message will still appear on the sign.</p>  |

| Step | Description   |   |
|------|---|---|
| 3    | This is how the message will appear on the one-line series signs: | This is how the message will appear on the two-line series signs: |
|      |   |   |
|      |   |   |
|      |   |   |

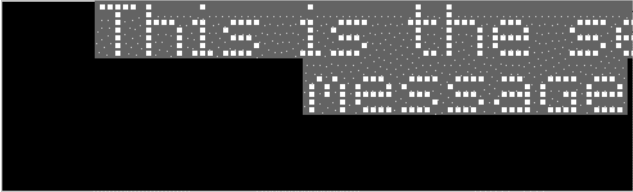
# Example 7- Zooming in and out of a message

NOTE: Zoom is used only for viewing messages on a computer screen, not on the sign.

The Messaging Software has a Zoom feature which allows you to view a message at a closer range on the computer screen.

| Step | Description  |
|------|--|
| 1    | <p>Using the <i>Navigational arrows</i>, locate the second message that you created. Look at the <i>Zoom control</i> area, notice that this message was created while being at the 75% viewing capacity.</p> <div></div> <p><i>Navigational Arrows</i></p> <p><i>Zoom Control</i></p> <p>Note: This is how the message will appear on your computer screen at 75%.<br/>The message will not appear this way on the sign.</p> |
| 2    | <p>Highlight the message, and select the <i>Zoom control</i> range to 50%.</p> <div></div> <p>Note: This is how the message will appear on your computer screen at 50%.<br/>The message will not appear this way on the sign.</p>   |



| Step | Description  |
|------|--|
| 3    | <p>Highlight the message, and select the <i>Zoom control</i> range to 100%</p>  <p>Note: This is how the message will appear on your computer screen at 100%.<br/>The message will not appear this way on the sign.</p> |

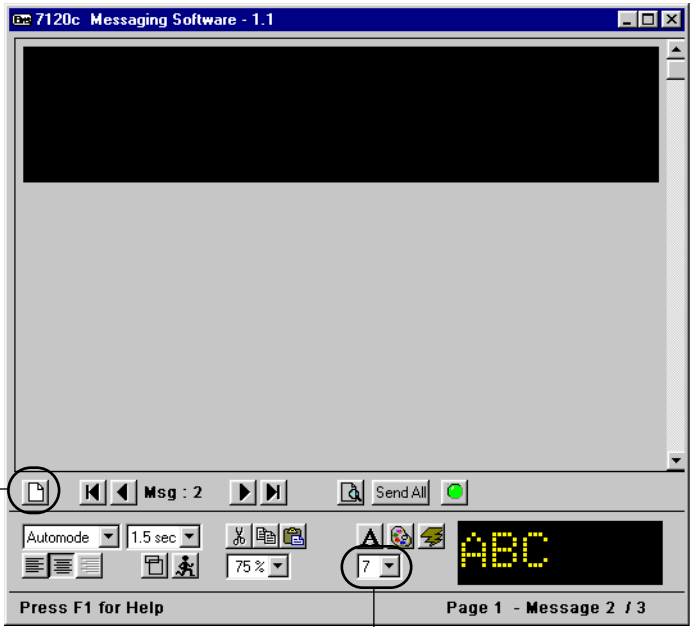
# Advanced Text Messaging


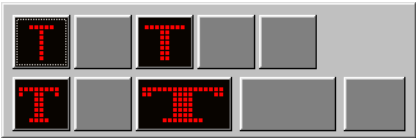
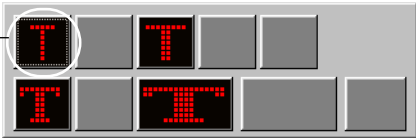

Before attempting this section, make sure you’re familiar with the previous examples in the “Beginning text messaging” section of this manual.

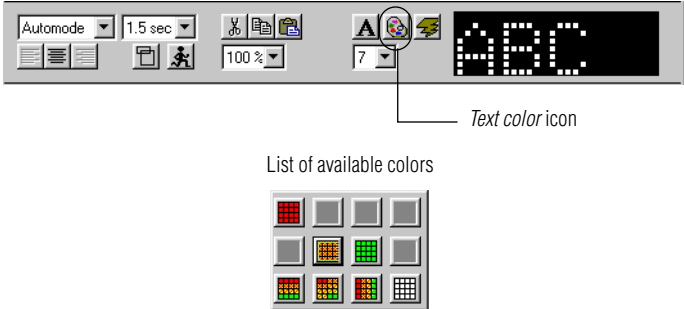
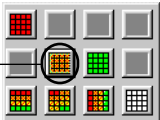


## Example 8- Using fonts and colors in a message


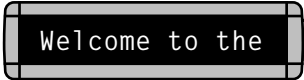





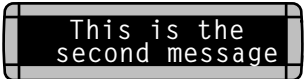



In this example, we’ll create a message that uses different colors and fonts.

NOTE: Only those colors/fonts which are available for the particular sign will appear. Check with your sign model for color /font capabilities

| Step | Description  |
|------|--|
| 1    | <div>Click on the <i>New message</i> icon, a new screen will appear. Use the “7” high font for this example.</div> <div></div> <div>New message icon</div> <div>Select the “7” high font</div> |



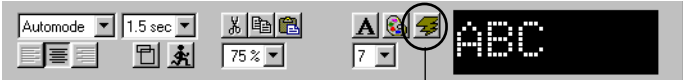
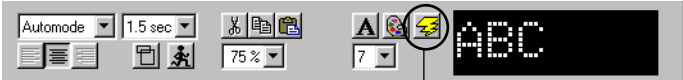

| Step  | Description  |
|---|--|
| 2   | <p>Click on the <i>Text styles (font)</i> icon, the fonts available for the message height will appear.</p> <div><p><i>Text styles (font)</i> icon</p><p>List of available fonts for sign type.</p><div></div><p>Note: Font availability depends upon your sign type. Check your sign type for a listing of available fonts.</p></div> |
| 3   | <p>Click on the <i>Sans Serif font T</i>, this is how the font will appear when you type on the first line of the sign.</p> <div><p><i>Sans Serif font T</i></p><div></div></div>   |
| 4   | <p>Using your Shift key when necessary, type, <b>Welcome to the</b></p> <div><div></div><p>Message reflects the <i>Sans Serif font</i> that we selected in step 3</p></div>  |
| Now, we will change the color for the second line of the message. |  |




| Step | Description  |
|------|--|
| 5    | <p>Click on the <i>Text color</i> icon, a list of the available colors will appear.</p>  <p><i>Text color</i> icon</p> <p>List of available colors</p> <p>Note: Color capabilities depend upon your sign type. Check your sign type for a listing of color capabilities.</p>  |
| 6    | <p>Click on the color <i>Brown</i>. The next line of text that you type will appear in this color.</p>  <p><i>Brown</i> color</p>   |
| 7    | <p>Press the Enter key on your keyboard and using the Shift key when necessary, Christmas Party</p>    |
| 8    | <p>Display the message on the sign by either:</p> <ul style="list-style-type: none"><li>• Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li><li>• Clicking on <b>Send All</b> which will display the message until it's deleted (shown below).</li></ul>  <p><i>Preview this message</i> icon</p> <p>Click on Send All</p> |

| Step | Description   |   |
|------|---|---|
| 15   | This is how the messages will appear on the one-line series signs:                | This is how the messages will appear on the two-line series signs:                |
|      |  |  |
|      | THEN  | THEN  |
|      |  |  |
|      | THEN  | THEN  |
|      |  |  |
|      | THEN  | THEN  |
|      |  |  |
|      | THEN  |   |
|      |  |   |
|      | THEN  |   |
|      |  |   |
|      | THEN  |   |
|      |  |   |

## Example 9- Making text flash

In this message, we'll use the message you previously created in “Example 8- Using fonts and colors in a message” on page to make the message flash.

| Step | Description  |
|------|--|
| 1    | <p>Locate the message that you created in Example 8.</p>    |
| 2    | <p>Press the Enter key on your keyboard..</p>   |
| 3    | <p>Click on the <i>Text flashing</i> icon.</p>  <p>The <i>Text flashing</i> icon will change to <i>Yellow</i> to indicate that it has been turned on.</p>  |
| 4    | <p>Type, 1999</p>   |

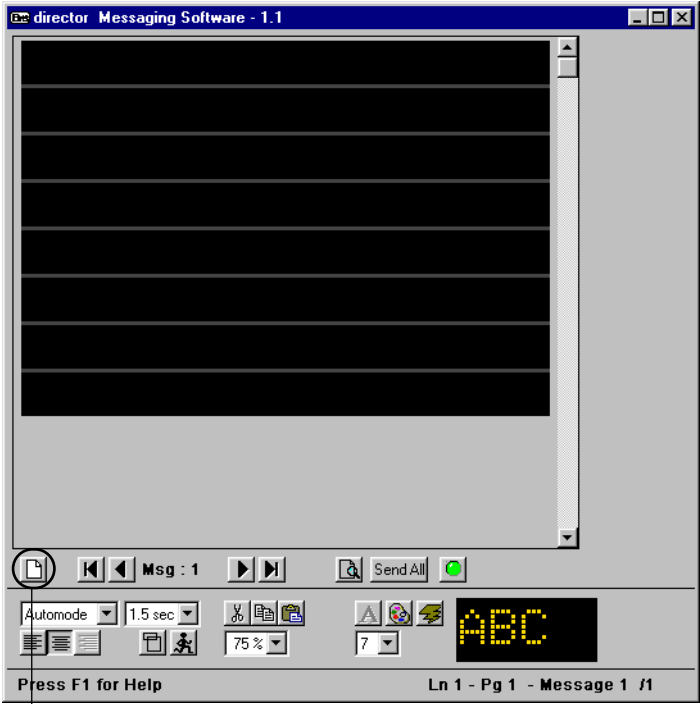
| Step | Description  |   |
|------|--|---|
| 5    | <div>Display the message on the sign by either:</div> <ul style="list-style-type: none"><li>Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li><li>Clicking on <b>Send All</b> which will display the message until it's deleted (shown below).</li></ul> <div></div> |   |
| 6    | <div>This is how the message will appear on the one-line series signs:</div> <div></div>   | <div>This is how the message will appear on the two-line series signs:</div> <div></div> |

# Example 10- Aligning or justifying text in a message

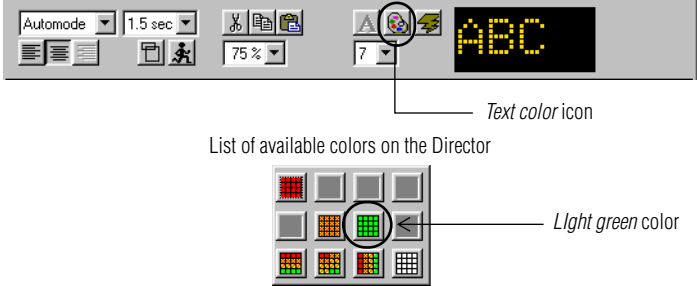


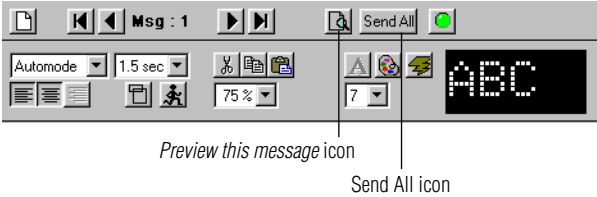
In this message, we'll create a message that is left aligned.

NOTE: This feature is only available on the Director series signs.

NOTE: Items or features that are grayed out in the software either are not supported by your type of sign, or not available in the software.

| Step | Description  |
|------|--|
| 1    | <div>Click on the <i>New message</i> icon. A new screen will appear.</div> <div></div> <div>New message icon</div> |




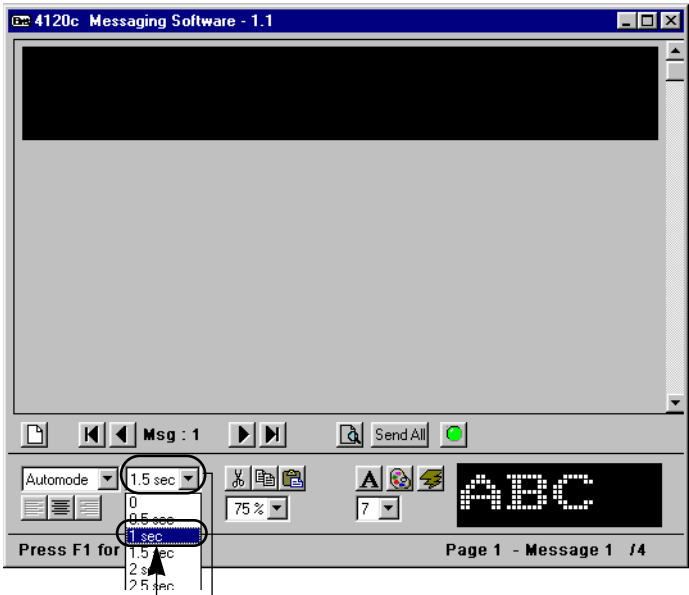
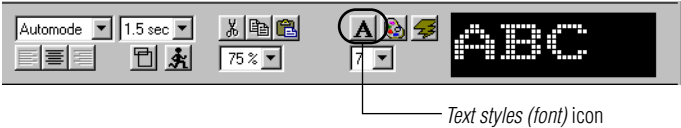

| Step | Description   |
|------|---|
| 2    | <p>Click on the <i>Text color</i> icon. The list of colors will appear. Select the <i>Light green color</i>.</p>  <p>Text color icon</p> <p>List of available colors on the Director</p> <p>Light green color</p>  |
| 3    | <p>Click on the <i>Left justification</i> icon.</p>  <p>Left justification icon</p>  |
| 4    | <p>Type, Today's meeting cancelled</p>   |
| 5    | <p>Display the message on the sign by either:</p> <ul style="list-style-type: none"><li>• Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li><li>• Clicking on <b>Send All</b> which will display the message until it's deleted (shown below).</li></ul>  <p>Preview this message icon</p> <p>Send All icon</p> |

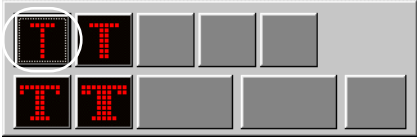

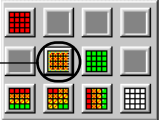


# Example 11- Speeding up or slowing down messages


Speeding up and slowing down a message refers to how long the sign will hold the message. In the first example we'll speed up the message by creating a message that is held on the sign for 1 second.


In the second example we'll slow the message down and have it held on the sign for 3 seconds.

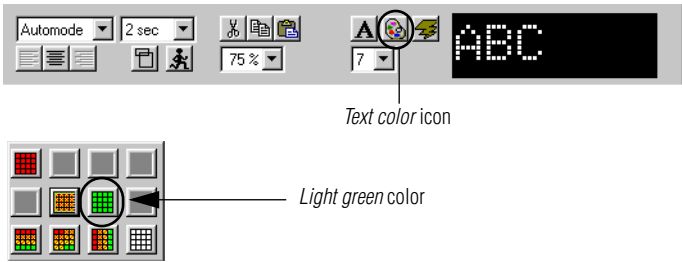

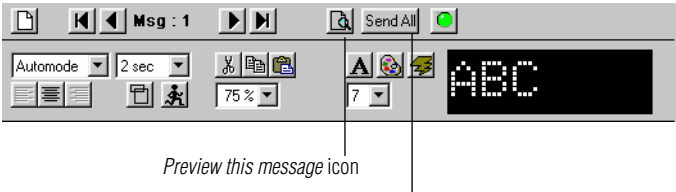
| Step | Description  |
|------|--|
| 1    | <div>Click on the <i>New message</i> icon.</div> <div></div> |

| Step | Description  |
|------|--|
| 2    | <p data-bbox="189 152 948 204">Using the <i>Pause duration</i> drop down arrow, select the <i>1second</i> for the message. (This is how long the message will remain on the sign.)</p> <div data-bbox="217 240 908 831"></div> <p data-bbox="578 857 825 880"><i>Pause duration</i> drop-down arrow</p> <p data-bbox="212 889 559 938">Select the <i>1 sec</i>. This is how long the message will remain on the sign for.</p>   |
| 3    | <p data-bbox="189 980 849 1003">Click on the <i>Text styles (font)</i> icon, the fonts available for the message height will appear.</p> <div data-bbox="225 1016 908 1143"></div> <p data-bbox="670 1117 829 1140"><i>Text styles (font)</i> icon</p> <p data-bbox="451 1182 689 1205">Fonts available for "7" high font</p> <div data-bbox="363 1234 780 1370"></div> <p data-bbox="227 1403 889 1451">Note: Font availability depends upon your sign type. Check your sign type for a listing of available fonts.</p> |

| Step   | Description  |
|--|--|
| 4  | <p>Click on the <i>Sans Serif 7</i> font.</p> <p><i>Sans Serif "7" high font</i> — </p>   |
| 5  | <p>Click on the <i>Text color</i> icon. A list of the available colors will appear. Select the <i>Brown</i> color icon.</p> <p> — <i>Text color icon</i></p> <p>List of available colors</p> <p><i>Brown color icon</i> — </p> <p>Note: Color capabilities depend upon your sign type. Check your sign type for a listing of color capabilities.</p> |
| 6  | <p>Using your Shift key when necessary type, Reminder, 401k meeting on 9/20/99</p>    |
| 7  | <p>Display the message on the sign by either</p> <ul style="list-style-type: none"><li>• Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li><li>• Clicking on <b>Send All</b> which will display the message until it's deleted (shown below)</li></ul> <p></p> <p><i>Preview this message icon</i></p> <p>Click on Send All</p>  |
| Each line of your message will appear on the screen for one second, and then the next message will appear. |  |

| Step | Description  |  |
|------|--|--|
| 8    | <p>This is how the message will appear on the one-line series sign:</p> <div><div>Reminder, 401K</div><div>THEN</div><div>meeting on</div><div>THEN</div><div>9/20/99</div><div>THEN</div><div>Welcome to the</div><div>THEN</div><div>Christmas</div><div>THEN</div><div>Party</div><div>THEN</div><div>1999</div><div>THEN</div><div>This is the</div><div>THEN</div><div>second message</div></div> | <p>This is how the message will appear on the two-line series signs:</p> <div><div>Reminder, 401K<br/>meeting on 9/20/99</div><div>THEN</div><div>Welcome to the<br/>Christmas Party</div><div>THEN</div><div>1999</div><div>THEN</div><div>This is the<br/>second message</div></div> |
|      | Now, let's create a message that will remain on the sign for 2 seconds.  |  |
| 9    | <p>Click on the <i>New message</i> icon.</p> <div></div> <p><i>New message icon</i></p>   |  |

| Step | Description   |
|------|---|
| 10   | <p data-bbox="189 154 782 178">Using the <i>Pause duration</i> drop down arrow, select the <i>2 second Pause duration</i>.</p> <div data-bbox="221 232 909 917"><p>The screenshot shows the '4120c Messaging Software - 1.1' window. The main display area is a large black rectangle. Below it is a control panel with various icons and buttons. A dropdown menu is open for the 'Pause duration' setting, which is currently set to '1.5 sec'. The menu options are: 0, 0.5 sec, 1 sec, 1.5 sec, 2 sec (highlighted), and 2.5 sec. A callout line points from the text 'Select 2 sec. This is how long the message will remain on the sign' to the '2 sec' option in the dropdown. Another callout line points from the text 'Pause duration drop down arrow' to the dropdown arrow icon.</p></div> |


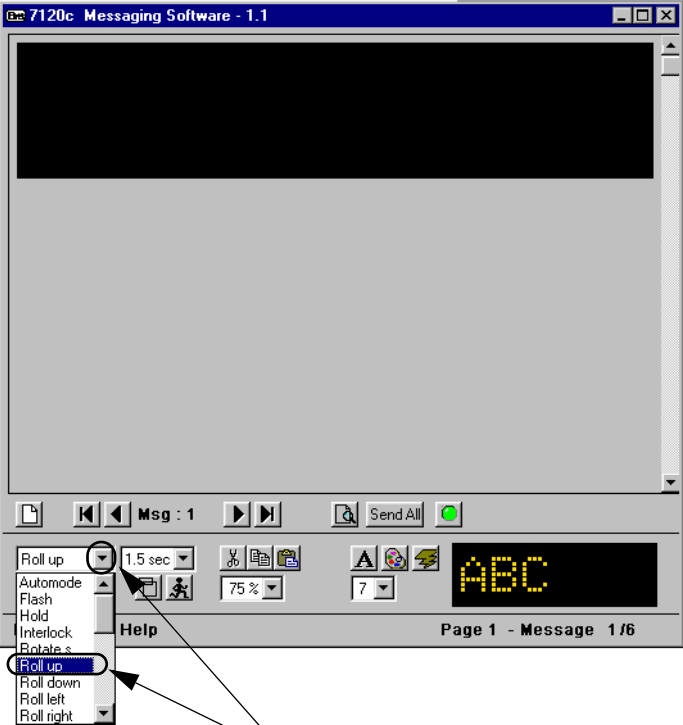
| Step | Description   |
|------|---|
| 11   | <p>Click on the <i>Text color</i> icon and select the <i>Light green</i> color. Using your Shift when necessary type, Profit Sharing meeting postponed until 9/20/99</p>  <p>The screenshot shows the software interface with a toolbar. The 'Text color' icon, which is a circle containing a color wheel, is circled. Below it, a color palette is shown with the 'Light green' color selected. The text 'ABC' is visible on the right side of the interface.</p>  <p>The screenshot shows the sign displaying the message: Profit sharing meeting Postponed until 9/20/99.</p> |
| 12   | <p>Display the message on the sign by either:</p> <ul style="list-style-type: none"><li>• Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li><li>• Clicking on <b>Send All</b> which will display the message until it's deleted (shown below)</li></ul>  <p>The screenshot shows the software interface with a toolbar. The 'Preview this message' icon, which is a magnifying glass over a document, is circled. The 'Send All' button is also visible. The text 'ABC' is visible on the right side of the interface.</p>   |



| Step | Description   |   |
|------|---|---|
| 13   | This is how the message will appear on the one line series signs: | This is how the message will appear on the two-line series signs: |
|      | <div>Profit sharing</div> <div>THEN</div>                         | <div>Profit sharing<br/>meeting postponed</div> <div>THEN</div>   |
|      | <div>meeting</div> <div>THEN</div>                                | <div>until 9/20/99</div> <div>THEN</div>                          |
|      | <div>postponed</div> <div>THEN</div>                              | <div>Reminder, 401K<br/>meeting on 9/20/99</div> <div>THEN</div>  |
|      | <div>until 9/20/99</div> <div>THEN</div>                          | <div>Welcome to the<br/>Christmas Party</div> <div>THEN</div>     |
|      | <div>Reminder, 401K</div> <div>THEN</div>                         | <div>1999</div> <div>THEN</div>                                   |
|      | <div>meeting</div> <div>THEN</div>                                | <div>This is the<br/>second message</div>                         |
|      | <div>on 9/20/99</div> <div>THEN</div>                             |   |
|      | <div>Welcome to the</div> <div>THEN</div>                         |   |
|      | <div>Christmas</div> <div>THEN</div>                              |   |
|      | <div>Party</div> <div>THEN</div>                                  |   |
|      | <div>1999</div> <div>THEN</div>                                   |   |
|      | <div>This is the</div> <div>THEN</div>                            |   |
|      | <div>second message</div>   |   |




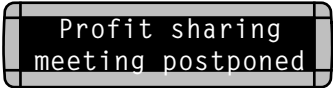

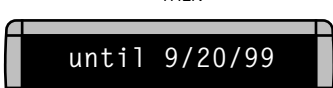



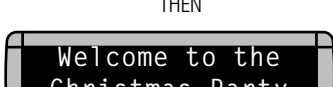




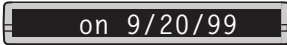










## Example 12- Using special effects or Modes in a message

Special effects (or “modes”) determine the way text and graphics move on a sign. For example, using the Roll up mode, we’ll make the message Roll up on the sign.

| Step | Description  |
|------|--|
| 1    | <p>Click on the <i>New message</i> icon to create a new message.</p>  <p>New message icon</p>   |
| 2    | <p>Using the <i>Special effects</i> drop down arrow, select the <i>Roll up</i> mode.</p>  <p>Special effects drop down arrow.<br/>Select the <i>Roll up</i> mode for this example.</p> |

| Step | Description   |
|------|---|
| 3    | <p>Type, Hello</p>   |
| 4    | <p>Display the message on the sign by either:</p> <ul style="list-style-type: none"><li>• Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li><li>• Clicking on <b>Send All</b> which will display the message until it's deleted (shown below)</li></ul>  <p><i>Preview this message</i> icon</p> <p>Click on Send All</p> |

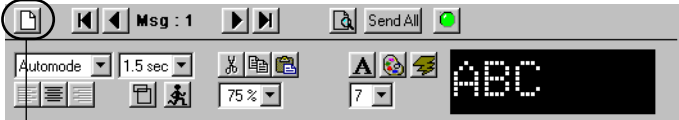

| Step | Description   |   |
|------|---|---|
| 5    | This is how the message will appear on the one-line series signs:                           | This is how the message will appear on the two-line series signs:                           |
|      | <br>THEN   | <br>THEN   |
|      | <br>THEN   | <br>THEN   |
|      | <br>THEN   | <br>THEN   |
|      | <br>THEN   | <br>THEN   |
|      | <br>THEN   | <br>THEN   |
|      | <br>THEN   | <br>THEN   |
|      | <br>THEN   | <br>THEN  |
|      | <br>THEN   | <br>THEN |
|      | <br>THEN   | <br>THEN |
|      | <br>THEN   |   |
|      | <br>THEN  |   |
|      | <br>THEN |   |
|      | <br>THEN |   |
|      |          |   |

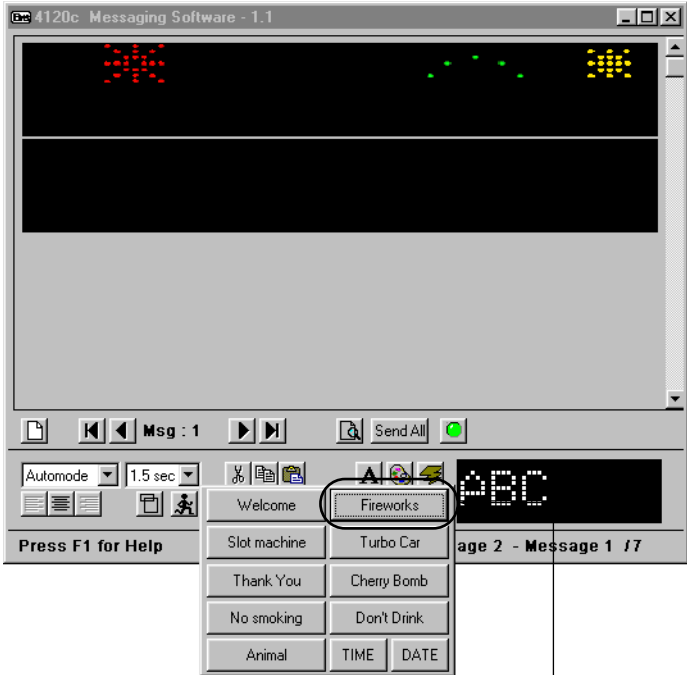

### Example 13- Inserting animations, time, and date in a message


Animation is a pre-programmed Graphic which can be used and displayed with messages.




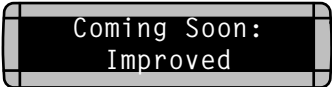
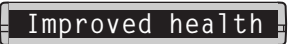




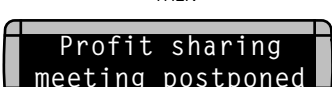

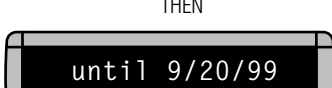

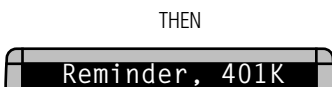

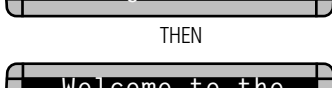

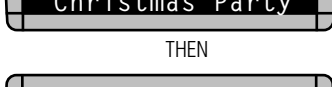




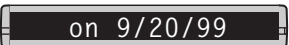

Now, we'll do an example using Animation and text in a message.

NOTE: Graphic abilities are not available on all sign models.  
Check your sign for graphic capabilities.

| Step | Description  |
|------|--|
| 1    | <p>Click on the <i>New message</i> icon.</p>  <p>The screenshot shows the top toolbar of the Messaging Software. The first icon on the left, which represents a new message, is circled in red. Other icons include navigation controls, a 'Msg : 1' indicator, a 'Send All' button, and a status light. Below the toolbar, there are settings for 'Automode', '1.5 sec', a percentage dropdown set to '75%', and a page indicator '7'. A digital display on the right shows the text 'ABC'.</p> <p>— <i>New message</i> icon</p>   |
| 2    | <p>Click on the <i>Animation/time/date</i> icon, a list of the available animations will appear.</p>  <p>The screenshot shows the same Messaging Software window, but now a menu of animation options is displayed. The 'Animation/time/date' icon in the toolbar is circled in red. The menu contains the following options: Welcome, Fireworks, Slot machine, Turbo Car, Thank You, Cherry Bomb, No smoking, Don't Drink, Animal, TIME, and DATE. The digital display still shows 'ABC'.</p> <p><i>Animation/time/date</i> icon</p> <p>List of available animations for the sign</p> |

| Step | Description  |
|------|--|
| 3    | <p data-bbox="189 152 836 177">Click on <i>Fireworks</i>. The graphic will appear on the first line of the message on the sign.</p> <div data-bbox="224 180 913 850"></div> <p data-bbox="604 894 918 946">By selecting Fireworks, this is the graphic that will appear in your message</p> |
| 4    | <p data-bbox="189 985 828 1010">Use your Shift key when necessary and type, Coming soon: Improved health care plan</p> <div data-bbox="241 1053 880 1341"></div>  |

| Step | Description   |
|------|---|
| 5    | <p>Display the message on the sign by either:</p> <ul style="list-style-type: none"><li>Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li><li>Clicking on <b>Send All</b> which will display the message until it's deleted (shown below).</li></ul>  <p>The screenshot shows a software interface for displaying messages on a sign. It includes a toolbar with various icons for file operations, navigation, and message control. The 'Send All' button is highlighted with a green circle, and the 'Preview this message' icon is highlighted with a green circle. The sign display area shows the text 'ABC'.</p> <p>Preview this message icon</p> <p>Click on <i>Send All</i></p> |

| Step | Description   |   |
|------|---|---|
| 6    | This is how the messages will appear on the one line series signs:                  | This is how the messages will appear on the two-line series signs:                  |
|      |    |    |
|      | THEN  | THEN  |
|      |    |    |
|      | THEN  | THEN  |
|      |    |    |
|      | THEN  | THEN  |
|      |    |    |
|      | THEN  | THEN  |
|      |    |    |
|      | THEN  | THEN  |
|      |    |    |
|      | THEN  | THEN  |
|      |    |   |
|      | THEN  | THEN  |
|      |    |  |
|      | THEN  | THEN  |
|      |    |  |
|      | THEN  | THEN  |
|      |    |  |
|      | THEN  | THEN  |
|      |   |  |
|      | THEN  | THEN  |
|      |  |  |
|      | THEN  | THEN  |
|      |   |  |
|      |   | THEN  |

| Step | Description   |
|------|---|
| 6    | <div><div><div>Welcome to the</div><div>THEN</div><div>Christmas</div><div>THEN</div><div>Party</div><div>THEN</div><div>1999</div><div>THEN</div><div>This is the</div><div>THEN</div><div>second message</div></div><div><div>THEN</div><div>This is the<br/>second message</div></div></div> |



## Example 14- Adding a Header to your message

NOTE: The Header function is available on multi-line signs only.  
Check your sign for Header availability.

A Header can be used to title the message.

| Step | Description  |
|------|--|
|      | <p>In this example, we'll create a message with a Header.</p> <div><div>Header</div><div>Body</div><div>Coming Events:<br/>Improved</div></div> <p>THEN</p> <div><div>Header</div><div>Body</div><div>Coming Events:<br/>Charity Fund Raiser</div></div> |
| 1    | <p>Click on the <i>New message</i> icon.</p> <div><div>New message icon</div><div><div>Msg : 1</div><div>Send All</div><div>Automode</div><div>1.5 sec</div><div>75 %</div><div>7</div><div>ABC</div></div></div>  |

2



Click on the *Header/body* icon which will take you to the *Header set-up* screen.


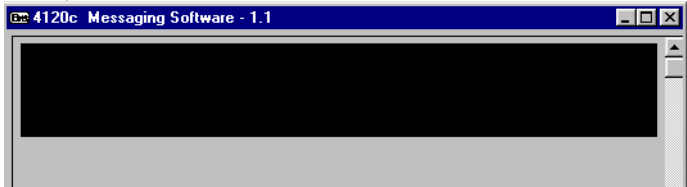




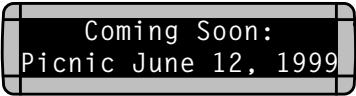
*Header/body icon*

*Header/body set-up screen*



|   |  |
|---|--|
| 3 | <p>Using the <i>drop-down</i> arrow, select the "7" <i>high</i> font</p>  <p>Select the "7" <i>high</i> font</p> <p>Drop-down arrow</p> |
| 4 | <p>Using the Shift key on your keyboard when necessary, type Coming events:</p>   |

|   |  |
|---|--|
| 5 | <p>Click on the <i>Header/body</i> icon to return to the <i>Message</i> screen.</p>  <p>Click on the <i>Header/body</i> icon to return to the <i>Message</i> screen as shown below</p>  |
| 6 | <p>Using the Shift key on your keyboard when necessary, type Picnic June 12, 1999</p>   |

|   |  |
|---|--|
| 7 | <p>Display the message on the sign by either:</p> <ul style="list-style-type: none"><li>• Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li><li>• Clicking on <b>Send All</b> which will display the message until it's deleted (shown below).</li></ul> <div data-bbox="239 250 919 368"></div> <p>Preview this message icon</p> <p>Click on Send All</p> |
| 8 | <p>This is how the message will appear on the two line signs:</p> <div data-bbox="402 521 759 615"></div>   |

# Appendixes

## Appendix A- Special effects or Modes available on a sign

| Modes      | Big Dot | 210C Module | 215C | 215R | 220C | 320C | 330C | 4080C | 4120C | 4120R | 4160C | 4160R | 4200C | 4200R | 4240C | 4240R | 7080C | 7120C | 7160C | 7200C |
|------------|---------|-------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Automode   | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Flash      | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Hold       | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Interlock  | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Rotate S   | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Rotate C   | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Roll Up    | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Roll Down  | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Roll Left  | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Roll Right | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Roll In    | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Roll Out   | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Scroll     | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Slide      | ✓       |             | ✓    | ✓    |      | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Snow       | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Sparkle    | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Spray      | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Starburst  | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Switch     | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Twinkle    | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Wipe Up    | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Wipe Down  | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Wipe Left  | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Wipe Right | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Wipe In    | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Wipe Out   | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |

## Appendix B- Fonts available on signs

| Fonts       | Big Dot | 210C Module | 215C | 215R | 220C | 320C | 330C | 4080C | 4120C | 4120R | 4160C | 4160R | 4200C | 4200R | 4240C | 4240R | 7080C | 7120C | 7160C | 7200C |
|-------------|---------|-------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 5 High font | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 7 High font | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |

## Appendix C- Colors available on signs

NOTE: Sign models appearing with the letter “C” after their name indicates that the sign has color capabilities for the messages.

Sign models appearing with the letter “R” after their name indicates that the sign only has the capability of producing red for the messages.

| Colors       | Big Dot | 210C Module | 215C | 215R | 220C | 320C | 330C | 4080C | 4120C | 4120R | 4160C | 4160R | 4200C | 4200R | 4240C | 4240R | 7080C | 7120C | 7160C | 7200C |
|--------------|---------|-------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Red          | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| Light Red    | ✓       |             | ✓    |      |      | ✓    | ✓    |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Green        | ✓       | ✓           | ✓    |      | ✓    | ✓    | ✓    | ✓     | ✓     |       | ✓     |       | ✓     |       | ✓     |       | ✓     | ✓     | ✓     | ✓     |
| Light Green  | ✓       |             | ✓    |      |      | ✓    | ✓    |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Amber        | ✓       | ✓           | ✓    |      | ✓    | ✓    | ✓    | ✓     | ✓     |       | ✓     |       | ✓     |       | ✓     |       | ✓     | ✓     | ✓     | ✓     |
| Brown        | ✓       |             | ✓    |      |      | ✓    | ✓    |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Orange       | ✓       |             | ✓    |      |      | ✓    | ✓    |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Yellow       | ✓       |             | ✓    |      |      | ✓    | ✓    |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Rainbow 1    | ✓       | ✓           | ✓    |      | ✓    | ✓    | ✓    | ✓     | ✓     |       | ✓     |       | ✓     |       | ✓     |       | ✓     | ✓     | ✓     | ✓     |
| Rainbow 2    | ✓       | ✓           | ✓    |      | ✓    | ✓    | ✓    | ✓     | ✓     |       | ✓     |       | ✓     |       | ✓     |       | ✓     | ✓     | ✓     | ✓     |
| Mixed Colors | ✓       | ✓           | ✓    |      | ✓    | ✓    | ✓    | ✓     | ✓     |       | ✓     |       | ✓     |       | ✓     |       | ✓     | ✓     | ✓     | ✓     |
| Autocolor    | ✓       | ✓           | ✓    |      | ✓    | ✓    | ✓    | ✓     | ✓     |       | ✓     |       | ✓     |       | ✓     |       | ✓     | ✓     | ✓     | ✓     |

## Appendix D- Animations available on signs

NOTE: Sign models appearing with the letter “C” after their name indicates that the sign has color capabilities for the messages.

Sign models appearing with the letter “R” after their name indicates that the sign only has the capability of producing red for the messages.

| Animations     | Big Dot | 210C Module | 215C | 215R | 220C | 320C | 330C | 4080C | 4120C | 4120R | 4160C | 4160R | 4200C | 4200R | 4240C | 4240R | 7080C | 7120C | 7160C | 7200C | Beta Brite 1036 |
|----------------|---------|-------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| Welcome        | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       |       |       |       | ✓               |
| Slot Machine   | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       |       |       |       |       |       | ✓               |
| Trumpet        |         | ✓           |      |      | ✓    |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       | ✓               |
| No Smoking     | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       |       |       |       |       |       | ✓               |
| Don't Drink    | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       |       |       |       |       |       | ✓               |
| Fish           |         | ✓           |      |      | ✓    |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       | ✓               |
| Fireworks      | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       |       |       |       | ✓               |
| Balloons       |         | ✓           |      |      | ✓    |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       | ✓               |
| Cherry Bomb    | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       |       |       |       | ✓               |
| Time/Date      | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       | ✓     | ✓     | ✓     | ✓               |
| Running Animal | ✓       |             | ✓    | ✓    |      | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       |       |       |       |       |       |                 |
| Thank You      | ✓       | ✓           | ✓    | ✓    | ✓    | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       |       |       |       |       |       | ✓               |
| News Flash     |         | ✓           |      |      | ✓    |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       | ✓               |
| Turbo Car      | ✓       |             | ✓    | ✓    |      | ✓    | ✓    | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |       |       |       |       |       |       |                 |