

# 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

NOTE: Due to continuing product innovation, specifications in this document are subject to change without notice.

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# General Information

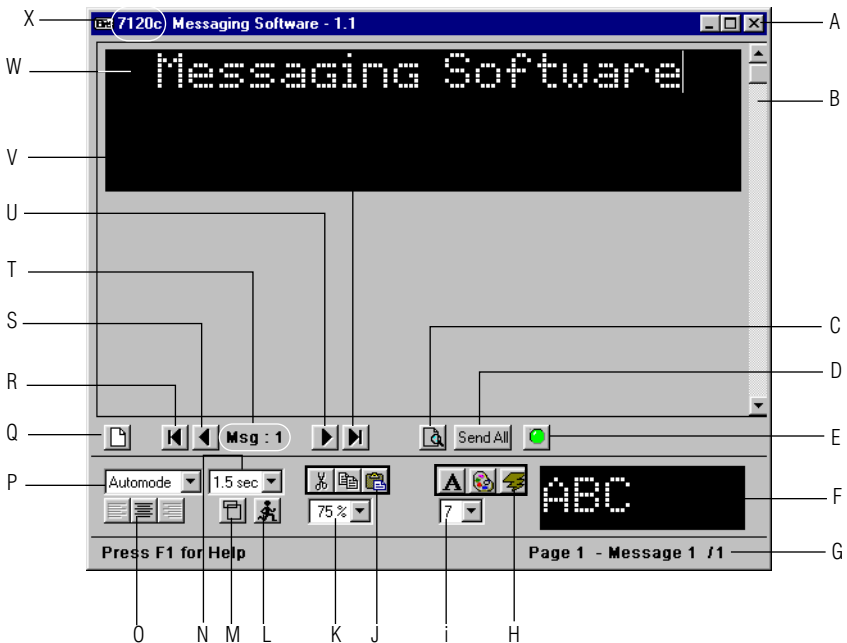
*Messaging Software* allows you to send messages to your sign using a computer.

**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: Text styles (font) icon Text color icon Text flashing icon	<p>Allows you to select one of several fonts for selections of text. Options include various widths, shadowing effect, and serif or sans-serif text.</p> <p>Allows you to select one of several colors for selections of text. The colors available depend on the type of sign you have.</p> <p>The top row(s) of colors are variations of red, yellow, and green.</p> <p>The bottom row has, in order: Horizontal Rainbow Diagonal Rainbow Mixed colors (Each character is a different color.) Autocolor (Each line is shown using colors that cycle through all available colors)</p>
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 Copy Paste	Removes the selection from the message and places it on the Clipboard. Copies the selection to the Clipboard. 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.

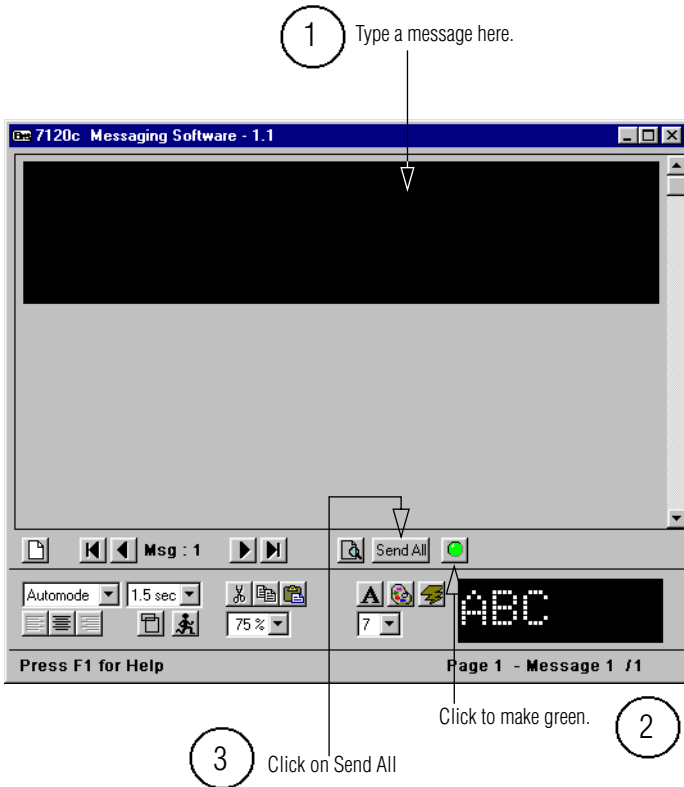
Letter	Name	Description
K	Zoom control	Shows the lines of the message at the selected percentage of full size so you can zoom out to see more lines of the message at a smaller size, or into see fewer lines at a larger size.
L	Listed in order of appearance: Animation/time/date	Allows you to include one 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: Left Center Right justification	Left- Align text on the left. Center- Aligns text in the center. 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.  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.  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).  Note: To delete text from the message, highlight the text and press the Delete/backspace key on your keyboard.  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.

<b>Letter</b>	<b>Name</b>	<b>Description</b>
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.

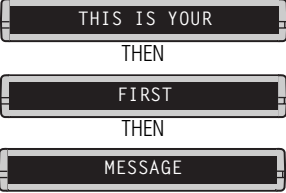

Step	Description
1	<p data-bbox="189 337 425 362">Click on the New message icon.</p> <div data-bbox="242 378 925 938"></div> <p data-bbox="255 954 399 979">New message icon</p>

Step	Description
2	<p>Using the <i>Text size drop down arrow</i>, select the "5" high font.</p>  <p>The screenshot shows the '7120c Messaging Software - 1.1' window. The interface includes a large black display area at the top, a control bar with buttons for navigation and 'Send All', and a bottom toolbar. The toolbar contains various icons, including a font size dropdown menu currently set to '7'. A dropdown menu is open, showing options for font sizes: 7, 5, 10, 16, and 24. The '5' option is highlighted. A black display area on the right shows the letters 'ABC' in a large, pixelated font. Below the screenshot, two callout lines point to the '5' in the dropdown menu and the dropdown arrow itself.</p> <p>Select the "5" high font</p> <p><i>Text size drop down arrow</i></p>

Step	Description
3	<p>Click on the <i>Text color</i> icon. A list of available colors will appear. Select the <i>Light red</i> color.</p>  <p><i>Text color</i> icon</p> <p><i>Light red</i> color</p> <p>List of available colors</p>

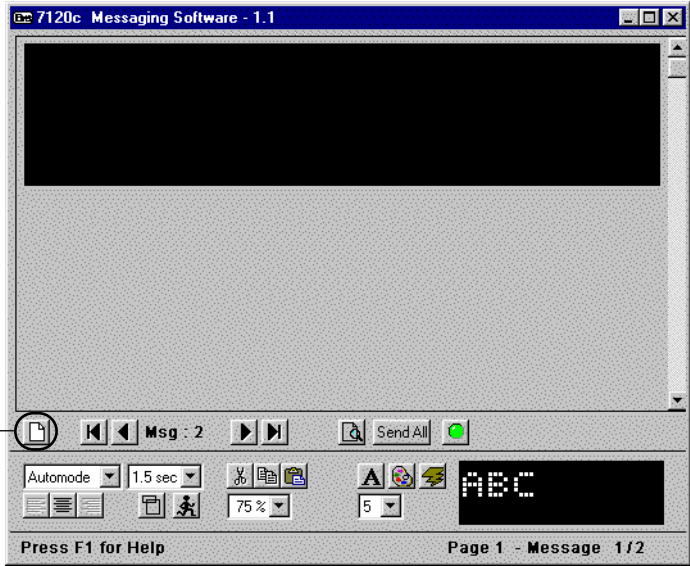
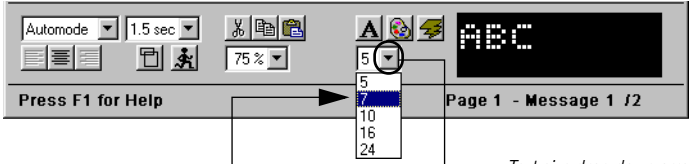

Step	Description
4	<p>Type, THIS IS YOUR FIRST MESSAGE</p>  <p>The screenshot shows a window titled "7120c Messaging Software - 1.1". The main display area contains the text "THIS IS YOUR FIRST MESSAGE" in a large, pixelated font. Below the display is a control panel with several icons and settings: a file icon, navigation arrows, "Msg : 1", "Send All" with a green light, "Automode" dropdown, "1.5 sec" dropdown, a percentage icon, a list icon, a document icon, a font size icon, a color icon, a cursor icon, a "75 %" dropdown, a "5" dropdown, and a small display showing "ABC". At the bottom, it says "Press F1 for Help" and "Page 1 - Message 1 /1".</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="244 267 925 389"> </div> <div data-bbox="207 406 430 747" style="border: 1px solid black; padding: 5px;"> <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 data-bbox="468 462 707 592"> <p style="text-align: center;"><i>Info #1</i> Screen</p> </div> <div data-bbox="244 771 925 893"> </div> <div data-bbox="452 933 803 1079"> <p style="text-align: center;">Click OK to have all active messages sent to the sign.</p> </div> <div data-bbox="202 1144 457 1218" style="border: 1px solid black; padding: 5px;"> <p>Note: A message is active if the <i>Set message On/off</i> button is green</p> </div>


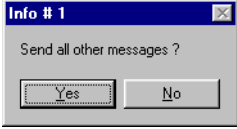


Step	Description	
6	<p>This is how the message will look on the one-line series signs:</p>  <p>THIS IS YOUR THEN FIRST THEN MESSAGE</p>	<p>This is how the message will look on the two-line series signs:</p>  <p>THIS IS YOUR FIRST MESSAGE</p>
<p>You've just created a message and sent it to the sign.</p>		

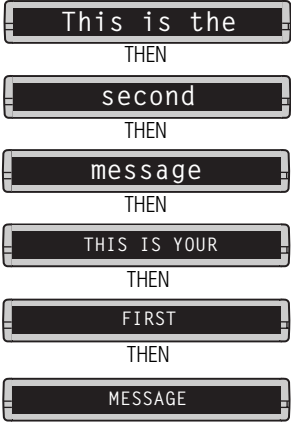
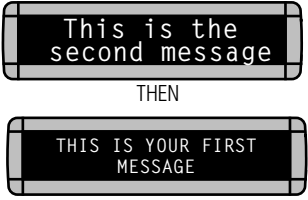
## Example 3 - Using upper and lowercase in a 1 and 2-line message

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> 



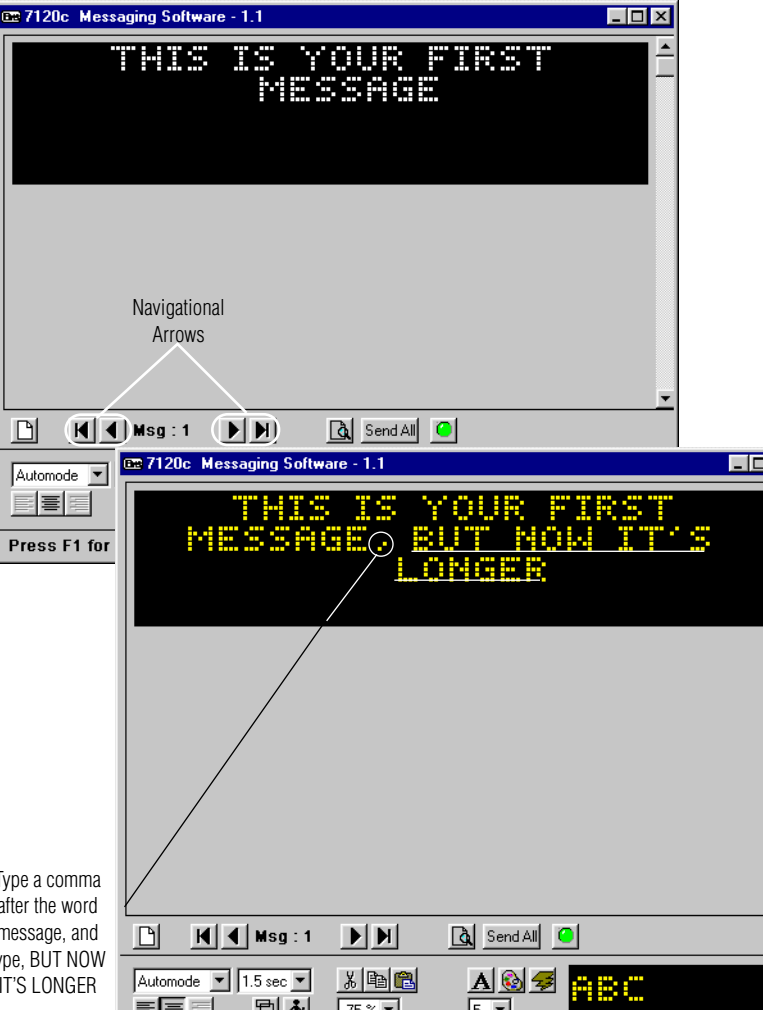
Step	Description
4	<p>Click on the <i>Preview this message</i> icon to display the message on the sign . A <i>Info #1</i> screen will appear if you have programmed other messages into the sign, Click on Yes or No to send the other messages, and your new message to the sign. Do not click on the confirmation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


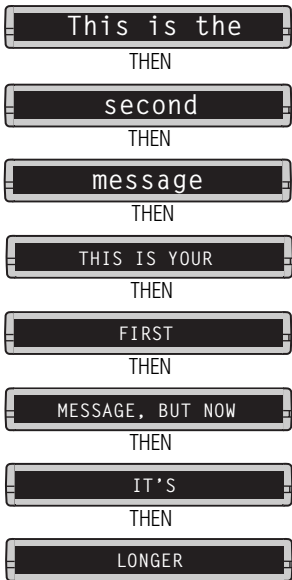

Step	Description	
5	<p>This is how the messages will look on the one-line series signs:</p> 	<p>This is how the messages will look on the two-line series signs</p> 

## 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
<p>1</p>	<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>The image contains two screenshots of the '7120c Messaging Software - 1.1' interface. The top screenshot shows a message 'THIS IS YOUR FIRST MESSAGE' on a black background. Below the message area is a control bar with 'Msg : 1' and several arrows. A label 'Navigational Arrows' points to these arrows. The bottom screenshot shows the same message being edited to 'THIS IS YOUR FIRST MESSAGE, BUT NOW IT'S LONGER'. A cursor is positioned at the end of the first line. Below the screenshots, there is a control panel with 'Automode' and 'Press F1 for'.</p> <p>Type a comma after the word message, and type, BUT NOW IT'S LONGER</p>

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>  <p style="text-align: center;"><i>Preview this message</i> icon</p> <p style="text-align: center;">Click on Send All</p>	
3	<p>This is how the messages will appear on the the one-line series signs:</p> 	<p>This is how the messages will appear on two-line series signs:</p> 

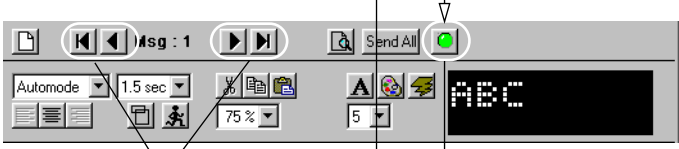
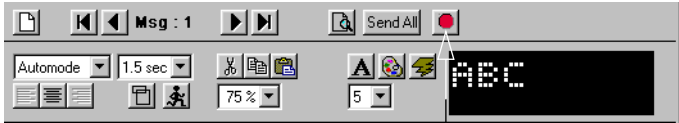

## Example 5- Reviewing your messages

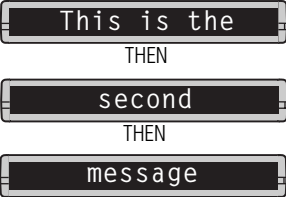

This example will show you how to review messages. This example will use the first and second message that you created.

Step	Description
1	<p>Using the <i>Navigational arrows</i>, locate the first message that you created.</p>  <p style="text-align: center;"><i>Navigational arrows</i></p>
2	<p>Using the <i>Navigational arrows</i>, locate the second message that you created.</p> 

## 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 arrows</i> to locate your first message, and click on the <i>Set messages On/Off</i> button until it changes to red.</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	<p>This is how the message will appear on the one-line series signs:</p>  <p>Then</p> <p>Then</p>	<p>This is how the message will appear on the two-line series signs:</p> 

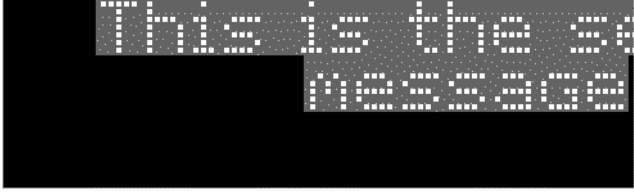
## Example 7- Zooming in and out of a message

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>  <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%. 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>  <p>Note: This is how the message will appear on your computer screen at 50%. The message will not appear this way on the sign.</p>



Step	Description
3	<p data-bbox="187 155 687 180">Highlight the message, and select the <i>Zoom control</i> range to 100%</p>  <p data-bbox="267 394 846 444">Note: This is how the message will appear on your computer screen at 100%. The message will not appear this way on the sign.</p>

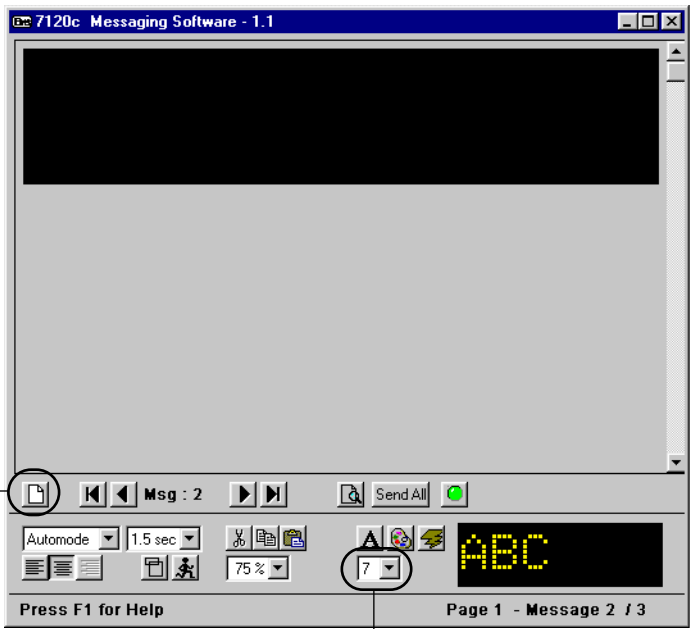
# Advanced Text Messaging

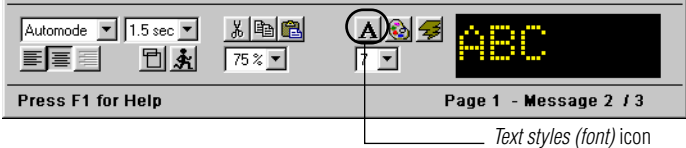
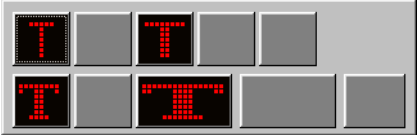
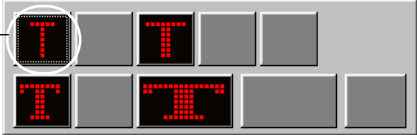

Before attempting this section, make sure you're familiar with the previous examples in the "Beginning text messaging" section of this manual.

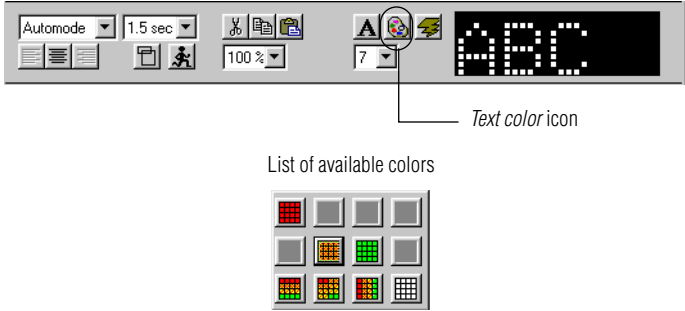
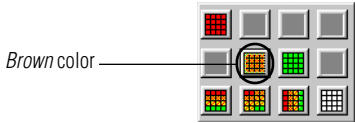


## Example 8- Using fonts and colors in a message



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	<p>Click on the <i>New message</i> icon, a new screen will appear. Use the "7" high font for this example.</p>  <p><i>New message icon</i></p> <p>Select the "7" high font</p>



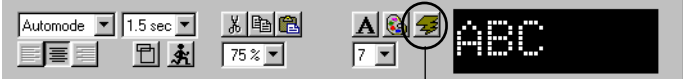
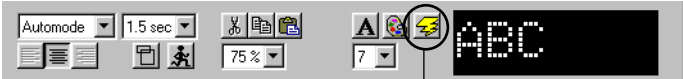

Step	Description
2	<p>Click on the <i>Text styles (font)</i> icon, the fonts available for the message height will appear.</p>  <p style="text-align: center;">List of available fonts for sign type.</p>  <p>Note: Font availability depends upon your sign type. Check your sign type for a listing of available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




Step	Description
5	<p>Click on the <i>Text color</i> icon, a list of the available colors will appear.</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> 
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>Preview this message icon</p> <p>Click on Send All</p>

Step	Description	
15	<p>This is how the messages will appear on the one-line series signs:</p>  <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p>	<p>This is how the messages will appear on the two-line series signs:</p>  <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p>

## 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><i>Text flashing</i> icon in the off position</p> <p>The <i>Text flashing</i> icon will change to <i>Yellow</i> to indicate that it has been turned on.</p>  <p><i>Text flashing</i> icon in the on position</p>
4	<p>Type, 1999</p>  <p>_____This line will flash on and off</p>

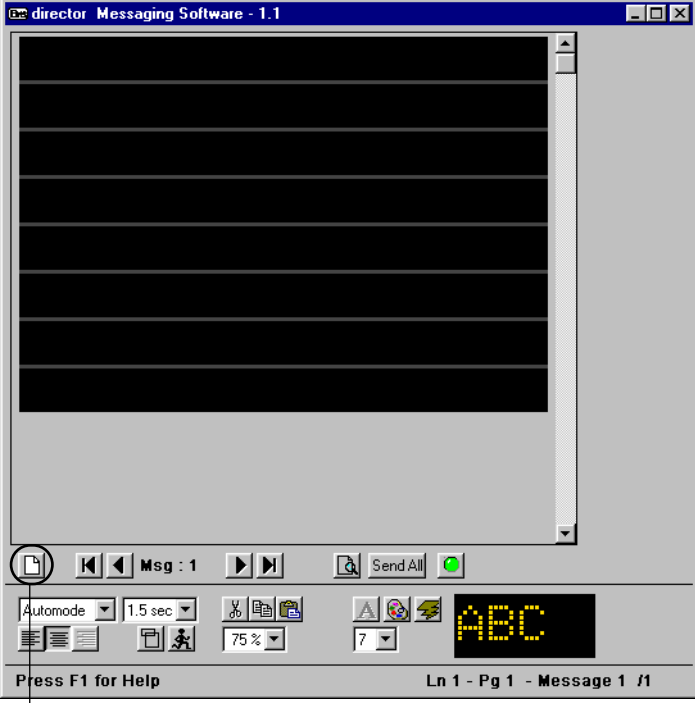
Step	Description	
5	<p>Display the message on the sign by either:</p> <ul style="list-style-type: none"> <li>Clicking on the <i>Preview this message</i> icon to display the message on the sign.</li> <li>Clicking on <b>Send All</b> which will display the message until it's deleted (shown below).</li>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

## Example 10- Aligning or justifying text in a message

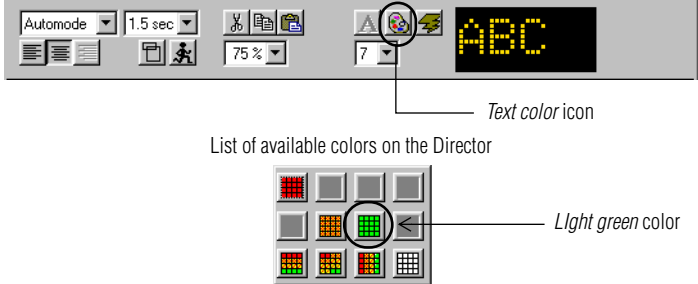
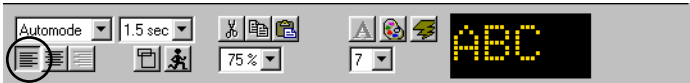

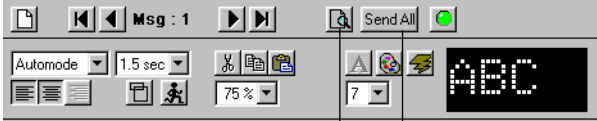
In this message, we'll create a message that is left aligned.

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	<p>Click on the <i>New message</i> icon. A new screen will appear.</p>  <p><i>New message icon</i></p>






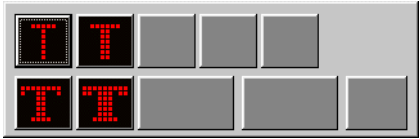
Step	Description
2	<p>Click on the <i>Text color</i> icon. The list of colors will appear. Select the <i>Light green color</i> icon.</p>  <p style="text-align: center;">List of available colors on the Director</p>
3	<p>Click on the <i>Left justification</i> icon.</p> 
4	<p>Type, Today's meeting cancelled</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> 



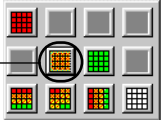


## Example 11- Speeding up or slowing down messages




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.


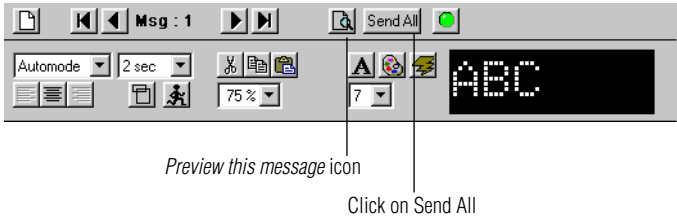
Step	Description
1	<p data-bbox="189 402 425 425">Click on the <i>New message</i> icon.</p>  <p data-bbox="295 1016 436 1039"><i>New message</i> icon</p>


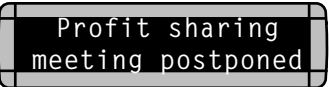



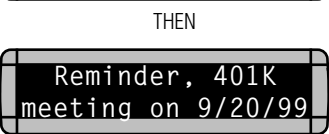







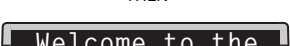




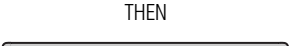
Step	Description
2	<p>Using the <i>Pause duration</i> drop down arrow, select the <i>1second</i> for the message. (This is how long the message will remain on the sign.)</p>  <p style="text-align: right;">— <i>Pause duration</i> drop-down arrow</p> <p>Select the <i>1 sec</i>. This is how long the message will remain on the sign for.</p>
3	<p>Click on the <i>Text styles (font)</i> icon, the fonts available for the message height will appear.</p>  <p style="text-align: right;">— <i>Text styles (font)</i> icon</p> <p>Fonts available for "7" high font</p>  <p>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"</i> high font</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><i>Preview this message icon</i></p> <p>Click on Send All</p>
<p>Each line of your message will appear on the screen for one second, and then the next message will appear.</p>	

Step	Description	
8	<p>This is how the message will appear on the one-line series sign:</p>  <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p>	<p>This is how the message will appear on the two-line series signs:</p>  <p>THEN</p> <p>THEN</p> <p>THEN</p> <p>THEN</p>
<p>Now, let's create a message that will remain on the sign for 2 seconds.</p>		
9	<p>Click on the <i>New message</i> icon.</p>  <p><i>New message</i> icon</p>	

Step	Description
10	<p data-bbox="187 154 782 180">Using the <i>Pause duration</i> drop down arrow, select the <i>2 second Pause duration</i>.</p>  <p>The screenshot shows the '4120c Messaging Software - 1.1' window. The interface includes a main display area, a control bar with 'Msg : 1' and 'Send All' buttons, and a bottom panel with 'Automode' and 'Pause duration' dropdowns. The 'Pause duration' dropdown is open, showing options: 0, 0.5 sec, 1 sec, 1.5 sec, 2 sec (highlighted), and 2.5 sec. A callout box points to the '2 sec' option with the text: 'Select 2 sec. This is how long the message will remain on the sign'. Another callout points to the dropdown arrow with the text: 'Pause duration drop down arrow'. The bottom panel also shows 'Press F1 for', a '75%' zoom setting, and a 'Page 1 - Message 1 / 5' indicator.</p>


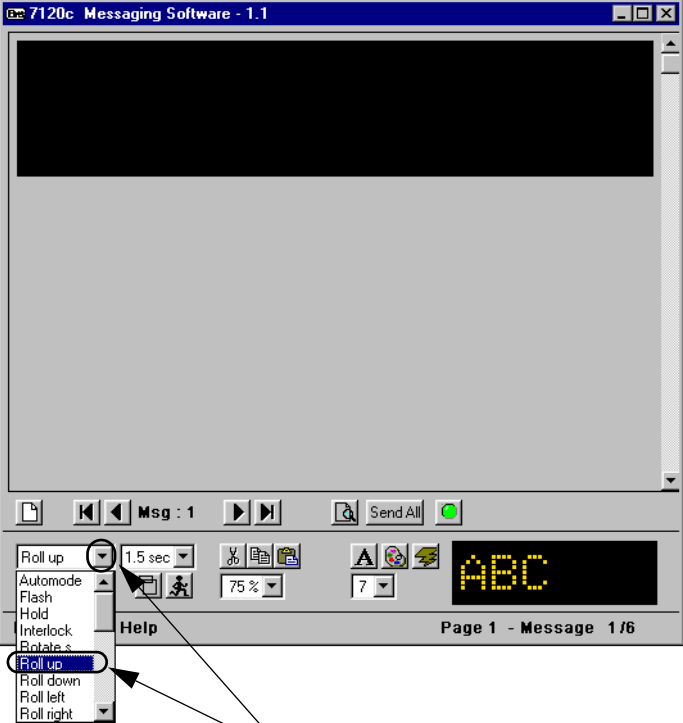
Step	Description
11	<p>Click on the <i>Text color</i> icon and select the <i>Light green</i> color. Using your Shift when necessary type, Profit Sharing meeting postponed until 9/20/99</p> 
12	<p>Display the message on the sign by either:</p> <ul style="list-style-type: none"> <li>• Clicking on the <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> 


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:
		
	THEN 	THEN 
	THEN 	THEN 
	THEN 	THEN 
	THEN 	THEN 
	THEN 	THEN 
	THEN 	
	THEN 	
	THEN 	
	THEN 	
	THEN 	
	THEN 	
	THEN 	



## 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><i>Special effects</i> drop down arrow. 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 icon</i></p> <p>Click on Send All</p>



Step	Description	
<p>5</p>	<p>This is how the message will appear on the one-line series signs:</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Hello</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Profit sharing</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">meeting</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">postponed until</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">9/20/99</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Reminder, 401K</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">meeting</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">on 9/20/99</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Welcome to the</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Christmas</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Party</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">1999</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">This is the</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">second message</div>	<p>This is how the message will appear on the two-line series signs:</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Hello</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Profit sharing meeting postponed</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">until 9/20/99</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Reminder, 401K meeting on 9/20/99</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">Welcome to the Christmas Party</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">1999</div> <p style="text-align: center;">THEN</p> <div style="border: 1px solid black; background-color: black; color: white; padding: 2px; text-align: center; margin-bottom: 5px;">This is the second message</div>

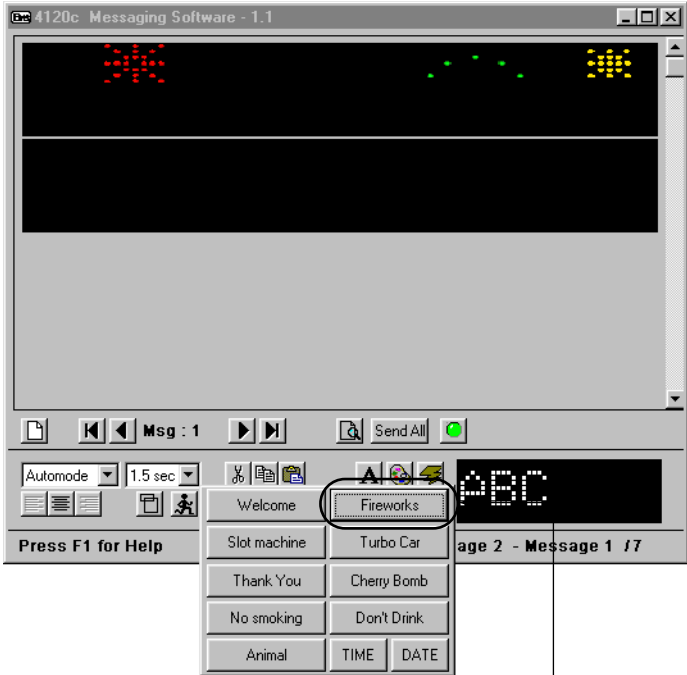

## Example 13- Inserting animations, time, and date in a message


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



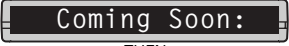
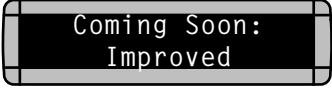

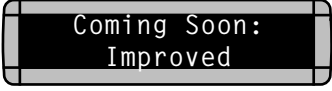







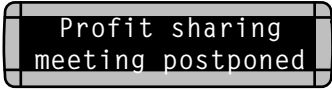
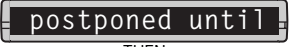
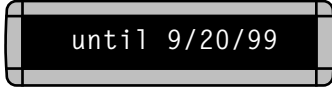

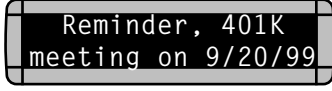

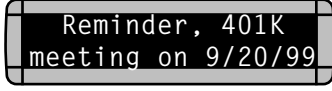
Now, we'll do an example using Animation and text in a message.

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 style="text-align: center;">New message icon</p>
2	<p>Click on the <i>Animation/time/date</i> icon, a list of the available animations will appear.</p>  <p style="text-align: center;">Animation/time/date icon</p> <p style="text-align: right;">List of available animations for the sign</p>

Step	Description
3	<p>Click on <i>Fireworks</i>. The graphic will appear on the first line of the message on the sign.</p>  <p>The screenshot shows a window titled "4120c Messaging Software - 1.1". The main display area is black with three rows of colorful dot-matrix graphics: red, green, and yellow. Below the display is a control panel with various icons and buttons. A menu is open, listing options: "Welcome", "Fireworks", "Slot machine", "Turbo Car", "Thank You", "Cherry Bomb", "No smoking", "Don't Drink", "Animal", "TIME", and "DATE". The "Fireworks" option is circled in red. To the right of the menu, the text "ABC" is visible on a black background. Below the menu, the text "age 2 - Message 1 17" is displayed.</p> <p>By selecting <i>Fireworks</i>, this is the graphic that will appear in your message</p>
4	<p>Use your Shift key when necessary and type, Coming soon: Improved health care plan</p>  <p>The screenshot shows the sign display with the text "Coming soon: Improved health care plan" in white dot-matrix font on a black background. The text is arranged in three lines: "Coming soon:", "Improved health care", and "Plan". The colorful dot-matrix graphics from the previous step are visible at the top of the display.</p>

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 with a toolbar. The toolbar includes a document icon, navigation arrows, 'Msg : 1', a play button, a 'Send All' button with a green indicator light, and a 'Preview this message' icon. Below the toolbar are settings for 'Automode', '1.5 sec', a percentage icon, a list icon, a '75 %' dropdown, a font size dropdown set to '7', and a sign display showing 'ABC'. Two lines point from the text below to the 'Send All' and 'Preview this message' icons.</p> <p><i>Preview this message icon</i></p> <p>Click on <i>Send All</i></p>

Step	Description	
6	<p>This is how the messages will appear on the one line series signs:</p>	<p>This is how the messages will appear on the two-line series signs:</p>
		
	<p>THEN</p>	<p>THEN</p>
		
	<p>THEN</p>	<p>THEN</p>
		
	<p>THEN</p>	<p>THEN</p>
		
	<p>THEN</p>	<p>THEN</p>
		
	<p>THEN</p>	<p>THEN</p>
		
	<p>THEN</p>	<p>THEN</p>
		
	<p>THEN</p>	<p>THEN</p>
		
	<p>THEN</p>	<p>THEN</p>
		
<p>THEN</p>	<p>THEN</p>	
		
<p>THEN</p>	<p>THEN</p>	

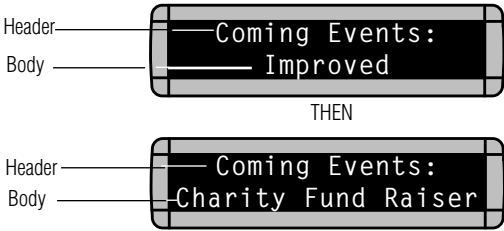

Step	Description
6	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 45%;"> <p style="text-align: center;">Welcome to the THEN</p> <p style="text-align: center;">Christmas THEN</p> <p style="text-align: center;">Party THEN</p> <p style="text-align: center;">1999 THEN</p> <p style="text-align: center;">This is the THEN</p> <p style="text-align: center;">second message</p> </div> <div style="width: 50%; text-align: center;"> <p>THEN</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p style="margin: 0;">This is the second message</p> </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>  <p>Header ——— Coming Events: Body ——— Improved</p> <p>THEN</p> <p>Header ——— Coming Events: Body ——— Charity Fund Raiser</p>
1	<p>Click on the <i>New message</i> icon.</p>  <p><i>New message</i> icon</p>

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



*Header/body* icon

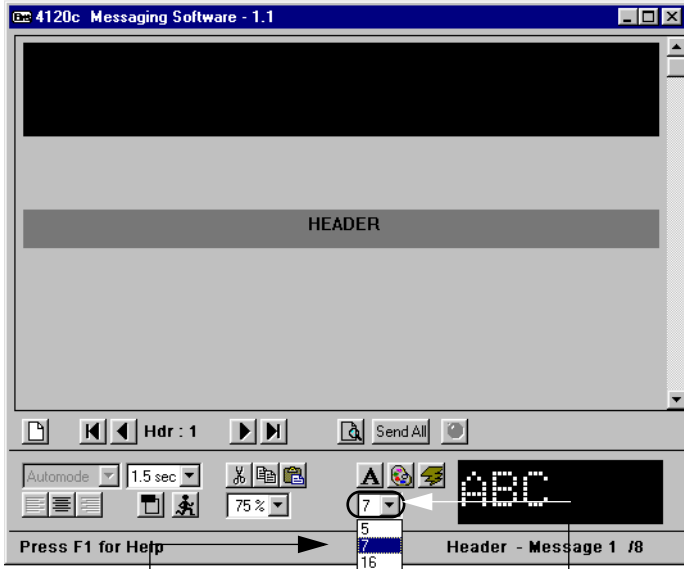
*Header/body* set-up screen

2



3

Using the *drop-down* arrow, select the "7" high font



Select the "7" high font

Drop-down arrow

4

Using the Shift key on your keyboard when necessary, type Coming events:

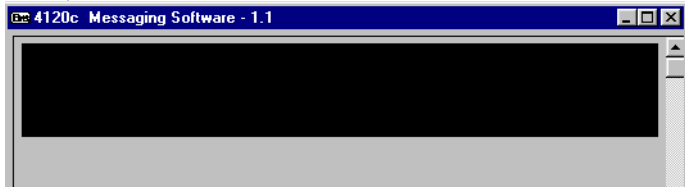


Click on the *Header/body* icon to return to the *Message* screen.

5




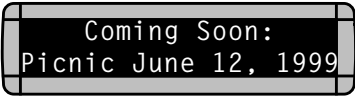
Click on the *Header/body* icon to return to the *Message* screen as shown below



6

Using the Shift key on your keyboard when necessary, type Picnic June 12, 1999



<p>7</p>	<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 style="text-align: center;"><i>Preview this message icon</i></p> <p style="text-align: center;">Click on Send All</p>
<p>8</p>	<p>This is how the message will appear on the two line signs:</p> 

# 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	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓								