SOFTWARE USER'S MANUAL
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This software makes it very simple and easy to use LED Display Board. you may set leading mode, moving speed, display effect, stay time closing mode. Type the message including color,font and so on in the editing-area of software.

--------------TOOL BAR BUTTONS--------------------

--Create a new Message Window.
--Open an existing File.
--Save the current message in the Message Window.
--Cut the highlighted selection and put it on the clipboard.
--Copy the highlighted selection and put it on the clipboard.
--Paste the contents of the clipboard.
--Send Messages to Display Board.
--Send messages via Network

-------------THE MENU BAR-------------------------

--FILE--
New   : opens a new window.
Open   : opens an existing file.
Save   : saves the file currently open.
Set Com   : allows you to set the communication COM Port.
Exit   : exit program.

--EDIT--
Cut   : Use this command to cut the highlighted
                 selection and put it onto clipboard.
Copy   : Use this command to copy the highlighted
                 selection and put it onto the clipboard.
Paste   : Use this command to paste the contents of the
                 clipboard onto the active document.
Delete   : Use this command to remove selected contents
                 from the Message Window.

--COMMANDS--

1. Leading Effect (denote how the image will appear)

        Immediate   :Image will be immediately appeared.
        Xopen   :Image will be shown from center and extend to 4 side.
        Curtain UP   :Image will be shown one line by one line from bottom to top.
        Curtain Down: :Image will be shown one line by one line from Top to Bottom.
        Scroll Left   :Image will be scrolled from Right to Left.
        Scroll Right   :Image will be scrolled from Left to Right.
        Vopen   :Image will be shown from center to top and Bottom one line by one line.
        Vclose   :Image will be shown from Top and Bottom to Center one line by one line.
        Scroll Up   :Image will be scroll from Bottom to Top.
        Scroll Down   :Image will be scrolled from Top to Buttom.
        Hold   :Previous Screen will be kept.
        Snow   :Pixels will be dropped down from top and stack up to build the image.
        Twinkle   :A blank diagonal line will be scrolling on the image.
        Block Move   :8 pixel width display block will be moved from right to left one by one.
        Random   :Random Pixel will be appeared to build the image.
        Welcome   : Pen writing 'Hello World Pen writing 'Welcome'

2. Move Speed
     There are 4 level moving speed.

3. Specify the Display effect
          Normal   :Display stay steady while waiting.
          Blinking   :Display Blinking while waiting.
          Song1   :Play pre-defined song 1
          Song2   :Play pre-defined song 2
          Song3   :Play pre-defined song 3

4. Display Time   : Denote the display waiting time
          Range is from 0.5sec to 25 sec.

5. Closing Effect(denote how the image will disappear)
   The following command is the same as the corresponding command of leading mode.
          Immediate   :Image will be immediately appeared.
          Xopen   :Image will be shown from center and extend to 4 side.
          Curtain UP   :Image will be shown one line by one line from bottom to top.
          Curtain Down: :Image will be shown one line by one line from Top to Bottom.
          Scroll Left   :Image will be scrolled from Right to Left.
          Scroll Right   :Image will be scrolled from Left to Right.
          Vopen   :Image will be shown from center to top and Bottom one line by one line.
          Vclose   :Image will be shown from Top and Bottom to Center one line by one line.
          Scroll Up   :Image will be scroll from Bottom to Top.
          Scroll Down   :Image will be scrolled from Top to Buttom.
          Hold   :Previous Screen will be kept.

6. Special function
           Bell   :denote how long the buzzer rings.
           Date   :Date will be displayed in the messages
          Time   :Time will be displayed in the messages

--European Char--
   there are some European characters and commonly used symbols.

--FONTS--
Select any one of font styles to be used in your message.
          5X7 :Normal size.
          6X7 :Bold size.
          4X7 :Narrow size.

--COLORS-
select the font of following characters
          To define the color of the following characters, a color attribute indicator must be placed before it. Once the
          attribute indicator is placed then the following characters will be changed to the corresponding color until
          next attribute is encountered.

--GRAPHICS--
Edit Graphic   : Edit and save your graphic images and insert into the messages. Fisrt set the Graphic Size(height
dixels, width dixels) you want. the min size is 7 pixels height by 32 pixels width. You may vary the graphic size by
selecting item from drop-down list.

Note: the setted graphic size should not exceed the your LED Display Board max size.

Select appropriate Color to draw graphic, then save it. the name will be appended in the left list. Select a graphic
from list and then Insert it into Message window where the graphic appears like <Pic:name>.
Another method to get graphic is importing from a bmp file.

Send Message   : Send the current text in the Message Window to the LED Display Boad. Before transferring, you
                 should Select ID of Display Board(ID which you may set by "Set ID..." function). Simultaneously,
                 Set which page you transfer to. There are 26 pages in all.

Run Page   : Run a specified page on the LED Display Board.

Link pages To Run: Link some pages in order to Run more than one Page. For example, type in 'abc', the sign will
display page A, page B, page C content consecutively.

Set ID   : Set ID of the Led Display Board .

Set Clock   : Set the Date and Time the Display Board Clock.

Delete Page   : Delete a specified page on the sign.

Set Brightness : Set Display brightness, there are 4 levels of brightness.

Display by Schedule : Schedule a message to be displayed. you may make some pages display from sometime
                to another time. you may set up to 5 Schedule items one time.

Delete page   :Delete some pages in the running messages.
Delete Schedule   :Delete some items in Setted Schedule table.
Delete All   :Delete all messages in the LEd Display Board.

--HELP--
Read Me   : View this manual in text format.
About :   Information about this software such as the Release Version Number.

--------------------SENDING A MESSAGE--------------------------
1. Connect the 9-Pin connector end to the COM PORT you will be
   using. If the 9-pin connector is not connected to the correct
   COM PORT, computer communication to your Led Board will not work.

2. In the Message Window, type in messages.
   First, you should type the messages leading mode(select from menu command),
   display effect, display time, closing mode.

   If you donot set above method, the system has default mode.
   leading mode ----the default is Scrolling left
   moving speed----fast
   display effect----the default is Normal.
   Display time -----1 second.
   Closing mode -----the default is scrolling left.

   Second, type the characters and message including Font, Color(Font,color from menu command) you want to
display.

2. To send the message to the LED Board click on the yellow icon thunder token "S".
   Before clicking to transfer, pls Set right Com Port you are using.

3. You will be prompted to select the sign ID number and Page.

3. Click on "OK" to send your message.

-----end.