beamZ

153.130 / 153.138 / 153.141 / 153.142
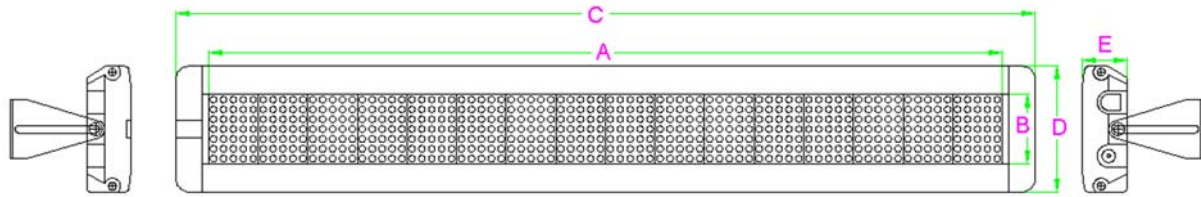**LED Moving Message Display**

INSTRUCTION MANUAL

SAFETY

Congratulations to the purchase of this Moving message board. Please read this manual thoroughly prior to using the unit in order to benefit fully from all features.

Read the manual prior to using the unit. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. **Keep the manual for future reference.**

SAFETY INFORMATION

- Keep the original packing material so that you can transport the unit in safe conditions.
- Prior to using the unit, please ask advice from a specialist.
- The adaptor contains voltage carrying parts. Therefore do NOT open the housing.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface.
- A faulty or damaged adaptor can cause electrical shock and malfunction, it needs to be replaced.
- When unplugging the adaptor from a mains outlet, always pull the plug, never the lead.
- To avoid fire and shock hazard, do not expose the unit to rain and moisture.
- Do not plug or unplug the adaptor with wet hands.
- If the unit is damaged to such an extent that internal parts are visible, do NOT plug the adaptor into a mains outlet and DO NOT switch the unit on. Contact your dealer.
- All repairs should be carried out by a qualified technician only.
- Connect the adaptor to a mains outlet (230Vac/50Hz).
- During a thunderstorm or if the unit will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the unit has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the unit in humid rooms or outdoors.
- Do not repeatedly switch the fixture on and off. This shortens the life time.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean the switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Only operate the unit with clean hands.
- Do not force the controls.
- If the unit has fallen, always have it checked by a qualified technician before you switch the unit on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the unit with a dry cloth.
- Keep away from electronic equipment that may cause interference.
- Only use original spares for repairs, otherwise serious damage may occur. Better is to have the unit repaired by a technician.

NO.	A	B	C	D	E
XCMS7.62-7*80	24" (609.6mm)	2.1" (53.34mm)	26" (660mm)	3.8" (97mm)	1.34" (34mm)

-Press PROG to enter into text editing mode
- Type in your password (default="000") then press ENTER
-Type in:" OPEN: 01". then press ENTER
-...... start programming

Point the end of the remote control at the front of your sign

Hold down ALT and then press ON/OFF to turn the sign of and on

Press RUN to exit programming mode

In text editing mode:
Hold down ALT and then press GRA to put the sign into one of these modes:
(Use PREV or NEXT to move from mode to mode and ENT to select a mode.)
- GET GRAPH – for getting GRAPH A - P
- MAKE GRAPH – for making NUMBER A –H
- EDIT GRAPH – for editing NUMBER A-P

To type a special characters or symbol

Press PREV or NEXT to move from mode to mode

Use SPA to insert a blank space between characters

Frist Press ALT and then press any key to select character or symbol above selected key

General information
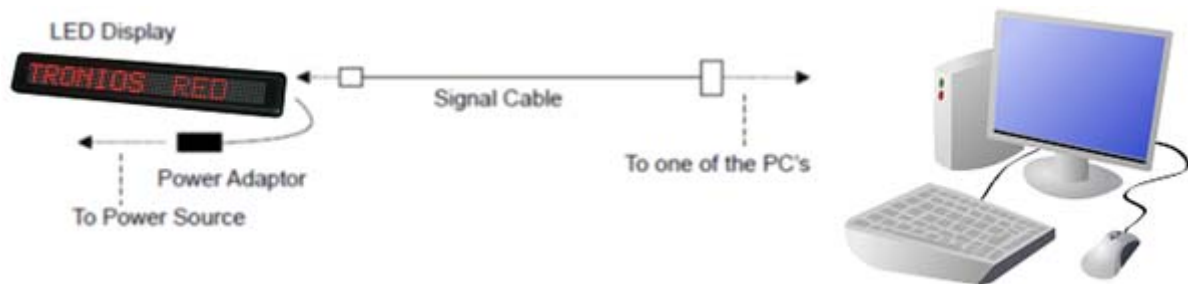
You can operate the sign in two ways:

- By using a hand-held remote control
- By using personal computer

Using a remote control to operate your sign
A remote control is a hand-held keyboard used to operate the sign. This manual shows you how to program messages on your sign using a remote control

Using a computer to operate your sign
To do this, you'll need special connectors and computer software as following shown:

Note: Use only the power supply that delivered with the sign.

Attaching your sign to a surface
Your sign can be mounted to a wall.

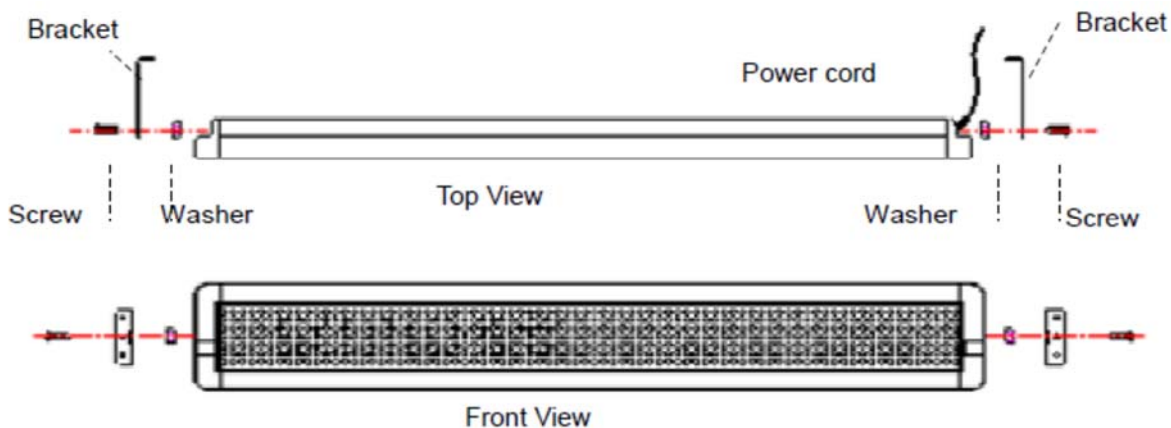Note: This sign is intended for indoor use only,

Note: Do not mount or attach the power supply to anything.
         Do not let the power supply hang loose.
         Place the power supply on a flat surface where no chemicals or liquid, such as water will contact it. Plug
         the power supply into an easily electrical outlet

Wall mount
1. Attach the mounting brackets to the wall or surface.
2. Attach the sign to mounting brackets using hardware as shown below.
3. Plug the power cord into the sign and into an outlet.

Basic Sign Operation
Turning a sign on and off
When you plug in the sign's power supply, the sign starts up automatically. On the orther hands, in order to turn the sign off, you can unplug the power supply or use the remote control.
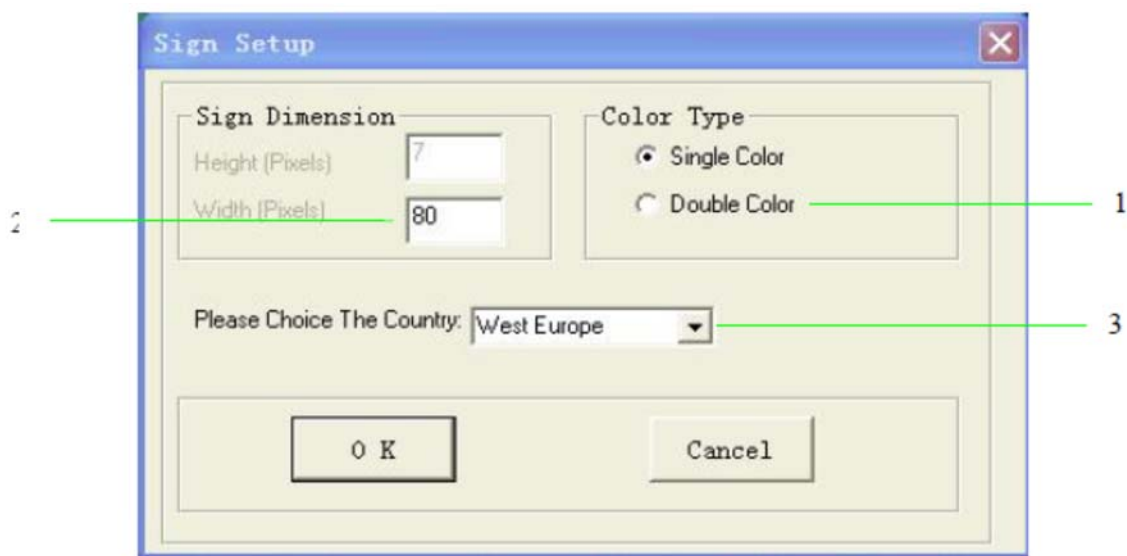

System requirement
The computer must be:
- Pentium 200 or higher
- 32MB Memory
- 100MB empty hard disk
- Display mode is designed for 800x600
- 16-bit or 24-bit colors

Software operations
Messaging software allows you to send messages to your sign using a computer. Please follow the steps to activate your software:
- Turn on your computer
- Insert the software CD disk into CD-ROM

- Double click the   icon to activate the programming software, this is what should appear on your computer screen.

Letter	Name	Description
1	Color	Please select your color type
2	Text Size / pixel	Please full in the leght of message sign, unit in pixel. Default setting is 80
3	Country option	For new countries, select following choice for the operations

Click **OK** to enter into the main screen as follows.

Letter	Name	Sub-menu	Description
A	File	Clear	Clear all the contents in text edit area
		Open	Open the old files (*.sdv)
		Save	Save the file of the current text edit area for later unsign
		Save as	Save the file of the current text edit area as a new file
		Exit	Exit the messaging software
B	Moving Sign	Send	- Send Edit Area's Content: Update the sign with the new messages in the text edit area - Send Disk File: Update the sign with stored *.sdv file
		Execution lattice	Create custom 7x80 (HeightxWidth) pixels graphics Note: up to 8 customs graphics can be created by users.
		Special function	Allow you to schedule, to on/off, to alarm, to adjust time of your sign automatically.
		Moving_Sign option	Model's selection
		Test	Send a testing signal to the sign
C	Send		Update the sign with the new messages in the text edit area.
D	New		Clear all the contents in the text edit area
E	Open		Open an old file (*.sdv)

F	Save	Save the file of the current text edit area (*.sdv) for later using
G	Graphic Edit	Create custom 7x80 (height x width) pixels graphics. Note: Up to 8 custom graphics can be created
H		
I	Font	7 different kind of fonts
J	Color	16 different kind of color combinations
K	Mode	
L	Speed	
M	Stay Time	
…	Text edit area	Type messages here

Remote control operation

-Press PROG to enter into text editing mode
- Type in your password
(default="000")
then press ENTER
-Type in:" OPEN: 01".
then press ENTER
-...... start programming

Point the end of the remote control at the front of your sign

Hold down **ALT** and then press ON/OFF to turn the sign of and on

Press **RUN** to exit programming mode

In text editing mode:
Hold down **ALT** and then
press **GRA** to put the sign into one of these modes:
(Use **PREV** or **NEXT** to move from mode to mode and **ENT** to select a mode.)
- **GET GRAPH** – for getting GRAPH A - P
- **MAKE GRAPH** – for making NUMBER A –H
- **EDIT GRAPH** – for editing NUMBER A-P

To type a special characters or symbol

Press PREV or NEXT to move from mode to mode

Use SPA to insert a blank space between characters

Frist Press **ALT** and then press any key to select character or symbol above selected key

Item	Key	
	Key	
1	ON/OFF	Power on / off. If there is no file in 01 to 99, it will run file 00. If there is file in 01 to 99 it will show the last saved file.
2	PROG	Enter the Edit Program Mode. Select 01 to 99 to enter message.
3	CPW	Use **PREV** and **NEXT** to select (a) to (d) UNUSE PASS. Turn off password security.(b) USE PASS Turn on password security(c) RES PASS Reset to factory default password "000".(d) CHANGE PASS Change to new password.
4	MET	To select the display modes, totally up to 24 different mode. Note: Press **PREV** and **NEXT** to select (1) to (24) methods.
5	PREV	Select option backward.
6	NEXT	Select option forward.
7	CAP	Toggle between Capital letter and lower case character
8	TIME	To select time option
9	SPE	Select the display speed of the message. (Use **PREV** and **NEXT** to select different speed)
10	FONT	Select the font size of the display message. (Use **PREV** and **NEXT** to select different font size)
11	COL	Select the color of the display message. (Use **PREV** and **NEXT** to select different colors of the display message)
12	SYM	Select 30 built-in symbols (Use **PREV** and **NEXT** to select different symbols)
13	CLR	Erase option
14	GRA	Select graphic option (Use **PREV** and **NEXT** to select the following options:)

		(a) GET GRAPH	Place the graphic in the message in the message.
		(b) MAKE GRAPH	Create new graphics in location NUMBER A to NUMBER H
		(c) EDIT GRAPH	Edit GRAPH A to GRAPH P and store in one of the location of NUMBER A to NUMBER H.

Item	Key	
15	<=	Moving the message and command to the right.
16	>=	Moving the message and command to the left.
17	ALT	Note: If you want to delete message or command in the edit program mode. Please use above keys to move that message or command to the left-most position and press **DEL**. If you want to insert message or command in the edit program mode. Please use above keys to move that message or command to the left most position and (1) Press **INS** to insert (2) Type in your message or press command key, it will insert automatically. (3) Press **INS** again to overwrite.
18	PAU	Generate a pause within the programmed message. (Use **PREV** and **NEXT** to select **PAUSE 1** to **PAUSE 8**)
19	PHR	Select a programmed animation in the message. . (Use **PREV** and **NEXT** to select **ANIM 1** to **ANIM 8**)
20	BEEP	Select beep sound in the message. (Use **PREV** and **NEXT** to select **BEEP 1** to **BEEP 3**)
21	ENT	Accept the selected option.
22	ESC	Return to the upper manual in the edit program mode.
23	INS	Refer to 15 and 16
24	DEL	Delete
25	SPA	Insert space in message

26	RUN	(1) In edit program mode, press **RUN** to save and run the current message. (2) In display mode, press **RUN** and enter 01 to 99 to select other messages for display.
27	S	Programming a sequence file.
28	F G H J K L N O P	Cursor direction pointer K toggles cursor on/off Note: the direction pointer only works in graphic edit mode

Beginning Messaging

Example 1 – A simple message in seven easy steps
The sign can store up to 100 messages in numbered data files. These files are numbered from 00 to 99. File 00 is a default message and for read only.
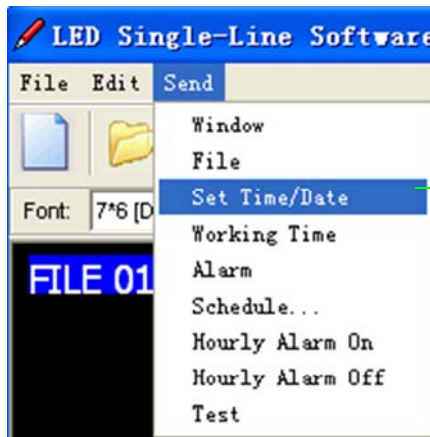
A Simple programming example

Note: Underline denotes words or numbers to type, xxx denotes key names. To correct a mistake, press the **DEL** key to remove it.
User can toggle the capital letter and small letter by pressing the key **CAP** and use the **ALT** key to display symbol on keypad. Default password: "**000**"

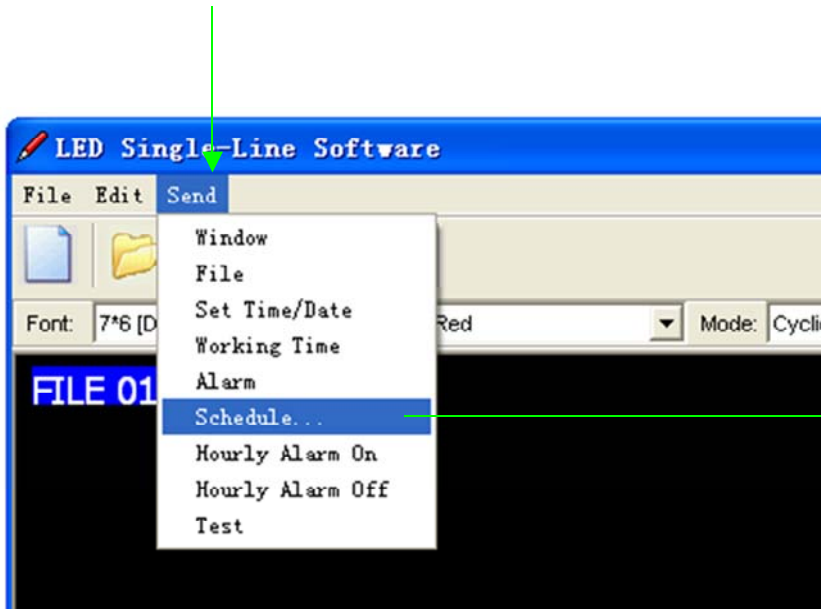| Step	Keys to press	Explanation	Display
1	PRO	Begin the edit program mode	**PASSWORD:***
2	000	Default pasword "000	**PASSWORD:***
3	ENT	Ënter editing mode	**OPEN: ??**
4	01 ENT	The first two digit file number (01-99) are allowed for naming message files **[CYCLIC]** is the default method of display code which means to cycle though at random	**[CYCLIC]**
5	WELCOME VISITORS	Type the text you wish to display in you message	**WELCOME VISITORS**
6	RU	End the edit program mode	**SAVE? (Y/N)**
7	Y	Save the message as data file number 01	**Messahe begins to be displayed**

Programming Time and Date

Update corrected time and date from PC clock.

Programming filename messages in sequence

In this example, it leverages the power of sequencing to achieve desired results. We'll display message by their filesnames (FILE01, FILE03) in certain order and disappear at times you specified.

Note: Displaying messages in time order will work only as long the sign has power. When your sign loses power, its internal clock becomes inaccurate and must be reset again.

(1) Select Schedule

(2) Select 0, totally there are 10 different kind of sequence files, from 0 to 9, which you can
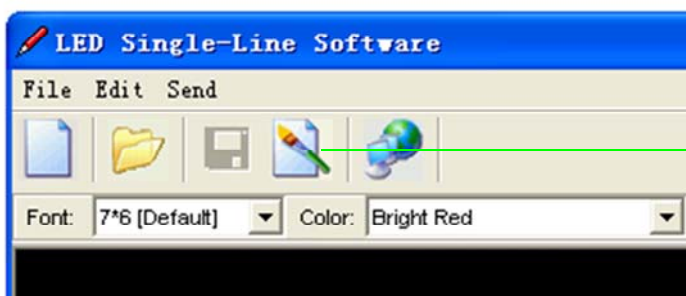
Schedule

File: 0

Start time:
08 hour 20 minute

End time:
17 hour 00 minute

Set...

Run On:
- Sunday
- Monday
- Tuesday
- ☑ Wednesday
- Thursday
- Friday
- Saturday

With Seg#
- File01
- File02
- File03
- ☑ File04
- File05
- File06
- File07

OK

(5) Select FILE04

(6) Display on Wednesday only

(7) Click setting to update the changes

(3) On time is 08:20

(4) On time is 17:00

LED Single-Line Software

File Edit Send

Font: 7*6 [Default]   Color: Bright Red

(1) Click Lattice icon to edit your graphic or logo.

Note: The maximum no. of user-defined graphics can be installed in the sign is 8, from graphic A – Graphic H.
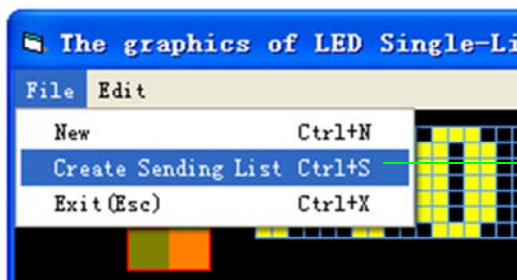
(3) Create your graphics in this area.
Note: The graphic will be automatically saved.
Note: Click left mouse to draw dot by dot.
Note: Click right mouse to delete a dot.

(2) Select the palette for different color.

The graphics of LED Single-Line Software

File Edit

Color:

Preview:

ISN: 1

Total 1   Lattice

(5) The total numbers of the graphics had defined by the users.

(6) The no. of the graphic that's editing now.

The preview of graphic is the same as the content in the editing area.

The graphics of LED Single-Li

File Edit

New   Ctrl+N
Create Sending List Ctrl+S
Exit(Esc)   Ctrl+X

(7) Select Create Sending List to create your own graphic list.

(8) Double click the graphic to add into the current graphic list.
Note: The maximum no. of user defined graphics can be installed in the sign is 8, from Graphic A – Graphic H.
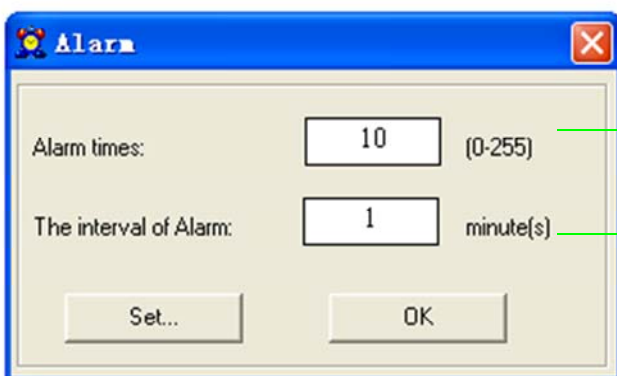
Graphic List

Available Graphics:

MOVIENEWS

Graphics to Sign:

MOVIENEWS

>>>

| Delete | Save | Browse... | Clear | Send... | Close |

(9) Click Save to store the current graphic list as "list" file.

(10) Click Send .... To upload the current graphic list into the sign

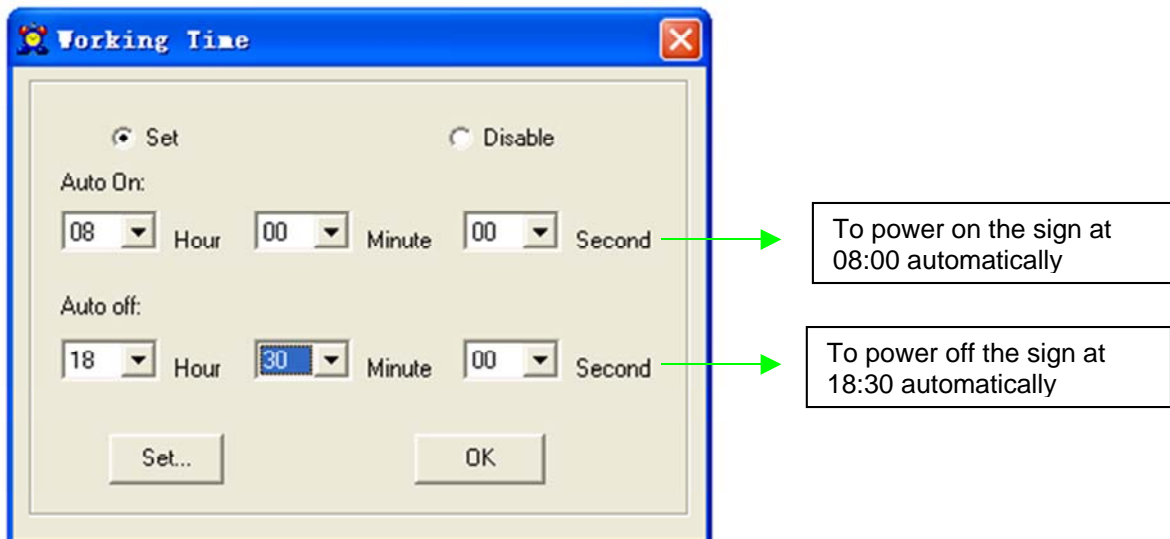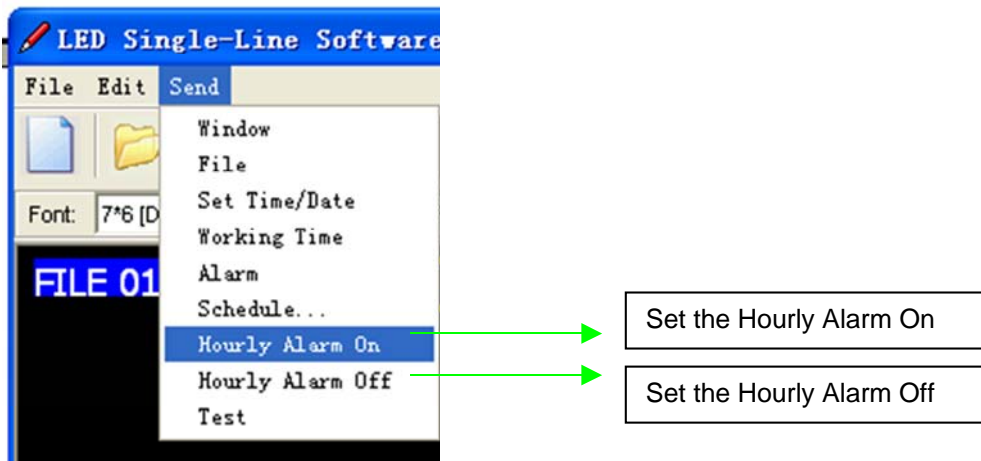(11) Close the window

Timer options

Alarm

Alarm times: `10` (0-255)

The interval of Alarm: `1` minute(s)

Set...   OK

The sign will alarm for 10 minutes.

The interval of each two alarms is 1 minute.

Set the Hourly Alarm On

Set the Hourly Alarm Off

To power on the sign at 08:00 automatically

To power off the sign at 18:30 automatically

Note that: You may only set the timer functions while running your message sign.

CE – Declaration of Conformity

Importer: TRONIOS BV
                      Bedrijvenpark Twente 415
                      7602 KM - ALMELO
Tel :   0031546589299
Fax :   0031546589298
                      The Netherlands

Product number: 153.130_153.138_153.141_153.142

Product Description: **Moving Message Boards**

Regulatory Requirement: EN 60950-1
                        EN 55022
                        EN 55024
                        EN 61000-3-2/-3-3

The product meets the requirements stated in Directives 2006/95 and 2004/108/EC and conforms to the above mentioned Declarations.

ALMELO,
17-08-2013

Signed: P. Feldman