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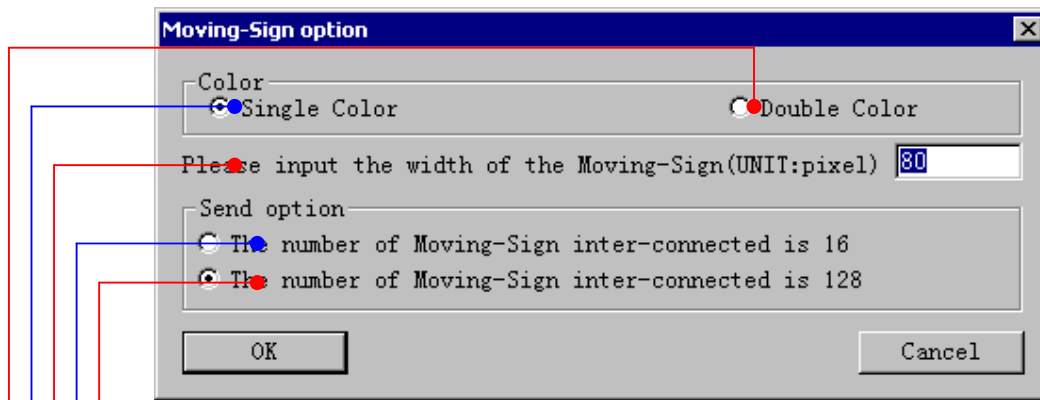
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1 Running environment

The computer must be Pentium 200 or above, 32M memories, 2M or above display memory, 100M empty hard disk. The computer must be installed window 95 or above version. The display mode is designed for 800* 600,16 or 24 or 32 bit colors.

2 Method of operation

Starting Moving Sign management software, the picture is as follows:



<Figure A>

→ User can link 128 pcs moving sign together using one cable. User can select this option in any case. When user select this option, if the moving sign's bios version is less than 3.3, all moving signs will receive message by user sending.

→ User can link 16 pcs moving sign together using one cable. User must select this option when the moving sign's bios version is less than 3.3.

→ Please input the numerical value of dots(pixels) according to the width of the moving sign. When bus this moving sign, user can know its width from the model number. If don't know, please contact the supplier.

→ Color \Single Color: The moving sign can display Red only.

→ Color \Double Color: The moving sign can display tri-color including Red, Green and Yellow which is composed of Red and Green two basic colors.

When user click OK button, the picture is as follows:

Pcs □□□□□□□□



<Figure B>

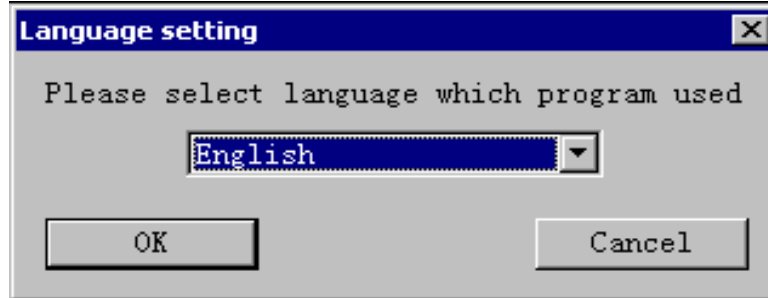
→ Texts edit area

Now introduce the function of menu:

2.1 Submenu of FILE menu

2.1.1 Language

If user want to switch program interface language to another ,select this menu, it will display a dialog as follow:



<Figure C>

Select one language from list box and then press OK button ,program's interface will be change to this language. About how to make a native resource ,please refer to

“3.2 How to let program display with your native language”.

2.1.2 Clear

Clear all the contents of file in text edit area to edit a new file again. If the user has changed the contents of the edit area and not saved the file, the software will remind the user whether or not the changes should be saved.

2.1.3 Open

Open the edited disk file (*.SDV) and display its content in Texts edit area.

2.1.4 Save

Save the content of the current texts edit area to a disk file(*.SDV).

2.1.5 Save as

Save the content of the current texts edit area as another new file name (*.SDV).

2.1.6 Exit

Exit Moving Sign management software.

2.2 Submenu of Insert menu

2.2.1 New File

Insert a new file to Texts edit area. User can press Ctrl + Enter key to execute this command. When you select this menu, "FILE **"displays in the front of edit area, it means the start of a new file.

2.2.2 Moving method

Change the message moving in or moving out mode, Max 25 types.

2.2.3 Time

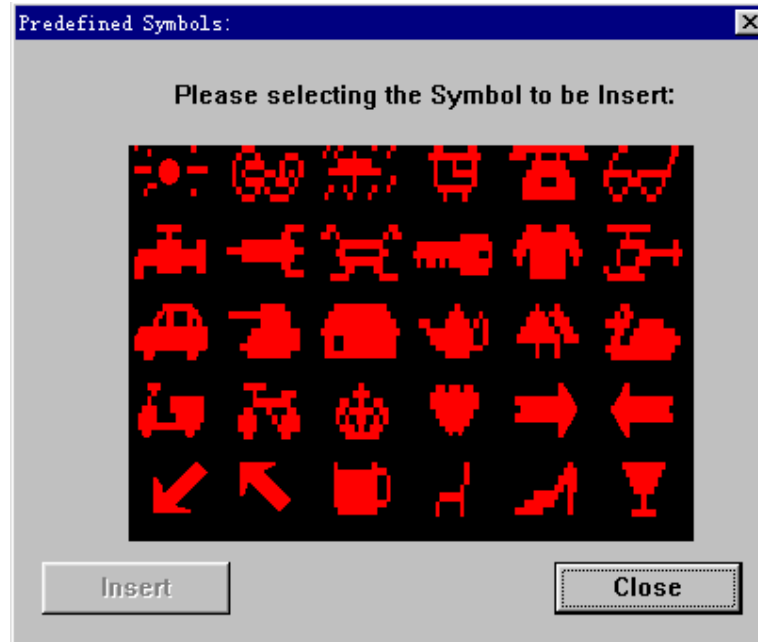
Insert the computer time.

2.2.4 Date

Insert the computer data.

2.2.5 Pre-defined symbol

Max 30 types.



<Figure D>

2.2.6 User-defined graphic

2.2.6.1 Insert user-defined graphic

Insert user-defined graphic in text area(The Graphic List used by user in text area must be the same as the List be sent to Moving Sign, so that Moving Sign can display correct user-defined graphic.)

2.2.6.2 Change graphic set

Change Graphic List (*.LST) connected to *.SDV.(Normally, the user connected a Sending file (*.SDV) with a graphic list file (*.LST), choose this function to connect the sending file (*.SDV) with another graphic list file (*.LST) the user want to change.)

2.2.7 Pre-defined graphic

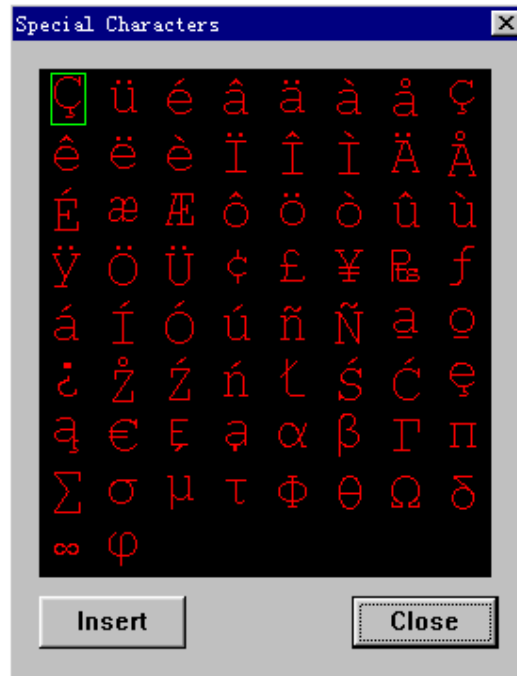
Max 8 types



<Figure E>

2.2.8 Special characters

Insert some special Europe characters.



<Figure F>

2.2.9 Cartoon

Max 8 types. It is : MERRY X'MAS, HAPPY NEW YEAR, 4TH JULY, HAPPY EASTER, HAPPY HALLOWEEN, DONT'T DRINK & DRIVE, NO SMOKING, WELCOME.

2.2.10 Beep

Max 3 types. It is: Beep One, Beep Two, Beep Three.

2.2.11 Speed

Max 8 types.

2.2.12 Pause

Max 8 types.

2.3 Submenu of Moving-Sign menu

2.3.1 SEND

2.3.1.1 Send Edit Area's Content

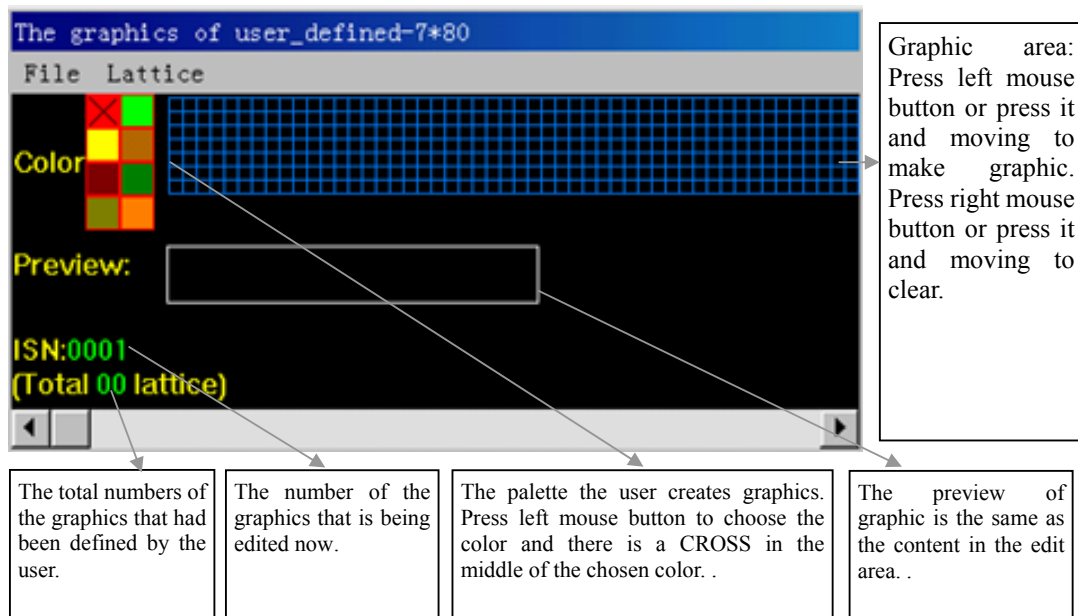
Send Edit Area's Content to Moving Sign.

2.3.1.2 Send Disk File...

The function is like Send Edit Area's Content menu. Only difference is the user can open a disk file and sending it to the Moving Sign.

2.3.2 Execute Lattice

Let the user create 7×80 (Height×Width) Pixels graphic for special use with maximum 5000 pcs graphics(Saved in the current directory of the Moving Sign management software),and the user can use maximum 8 pcs graphics at one time in the Moving Sign. Starting Execution Lattice Menu, the picture is as follows:



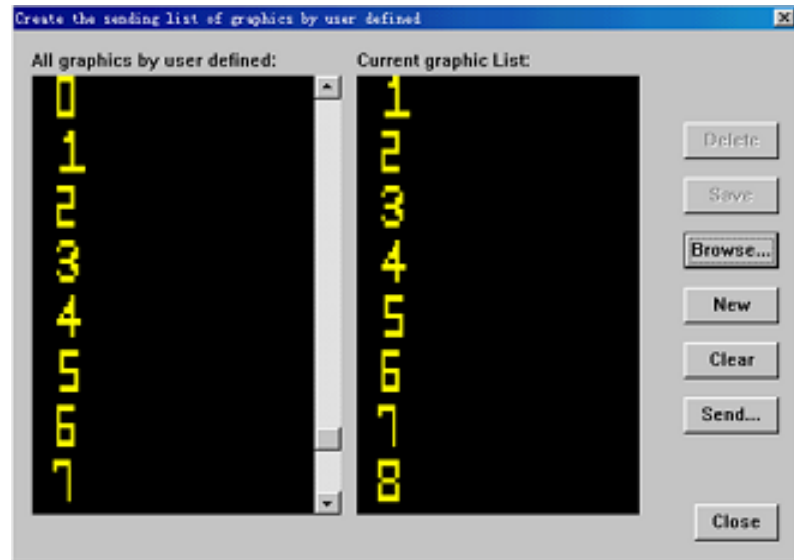
<Figure G>

The software saved the current lattice automatically.

Now introduce the menu of this window:

◆ File menu:

- ✧ Save as: Save the current edit lattice as a new file name.
- ✧ Create Sending List: There is a dialogue displaying as follows:



<Figure H>

Now introduce how to use the dialogue:

"All Graphics by user defined":The area displays all graphics by user defined with maximum 5000 pcs.

"Current Graphic List" :The area is the graphics the user want to use in Moving Sign at one time.

The user chooses the graphics in area of "All Graphics by user defined" by double-click of mouse left button, in order to insert the user-defined graphic to "Current Graphic List".

*Delete: Press this button to delete a graphic in "Current Graphic List".

Save: Press this button to save "Current Graphic List" as a disk file (.LST).

Browse: Press this button to choose a existed disk file (.LST).

*New: Press this button to create a new graphic list.

*Clear: Press this button to clear the graphics in "Current Graphic List".

*Send: Press this button to send the graphics in "Current Graphic List" to Moving Sign, so the Moving Sign can display one of them when user use "insert user-defined graphic" of right button menu in text edit area.

✧ Exit: Close the lattice window.

◆ Lattice menu:

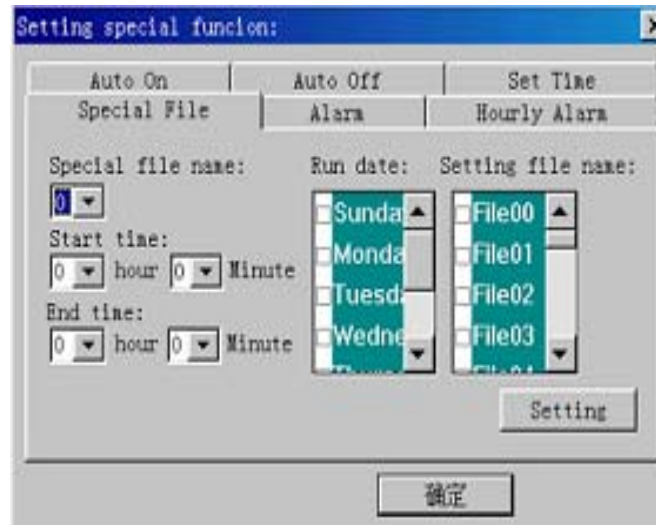
✧ Create a new lattice: Create a new graphic.

✧ Editing old lattice...:Open the edited graphic to re-edit. Then a dialogue will display. Input the number of graphics that the user wants to re-edit.

✧ Clear the current lattice: Clear the current editor area.

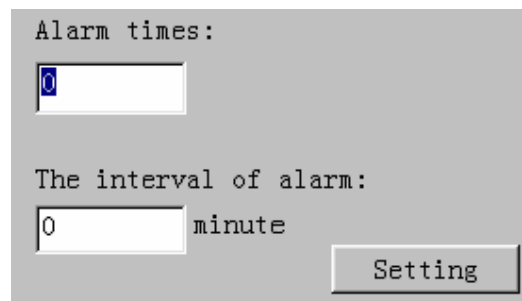
2.3.3 Special Function

At this time, there is a dialogue displaying:



<Figure I>

- ◆ Special File: It is let user to set schedule task.
 - ✧ Special file name: Which timer is set up. (10 timers exist.)
 - ✧ Start time: Start time of timing file.
 - ✧ End time: End time of timing file.
 - ✧ Run date: In which day of a week the timing file can run. Many days can be set up running.
 - ✧ Setting file name: The file name of running file in set time. All set files must be stored in the Moving Sign. For example: The user want to set "File 1"and"File3"to run from 8:20am to 5:00pm in Monday and Tuesday in every week, use the second timing equipment. Then on Special File column, set 02.In "Start time" item, input 08 and 20.In "End time" item, input 08 and 00.In "Run Date" item, choose Monday and Tuesday. In Setting file name Item, choose File01 and File03.At last, Press "setting" button and all the setting was stored in the Moving Sign .
- ◆ Alarm: Press it, there is the following property page.



<Figure J>

- ✧ "Alarm times" can set the total times of ring alarm.
- ✧ "The interval of alarm" can set the interval of each two ring alarm, the unit

is minute. After setting, press "setting" button.

- ◆ Hourly Alarm: Whether or not turn on the switch of hourly alarm.
- ◆ Auto on: Set time to turn on the Moving Sign automatically.
- ◆ Auto off: Set time to turn off the Moving Sign automatically.
- ◆ Set time: Adjust time of Moving Sign with computer time. The user can choose 12 hours mode or 24 hours mode.

2.3.4 Moving Sign option...

Use this menu, it will display a dialog which caption is 'Moving sign option' to let user select the sign's inter-connect number. The dialog is like as <Figure A>.

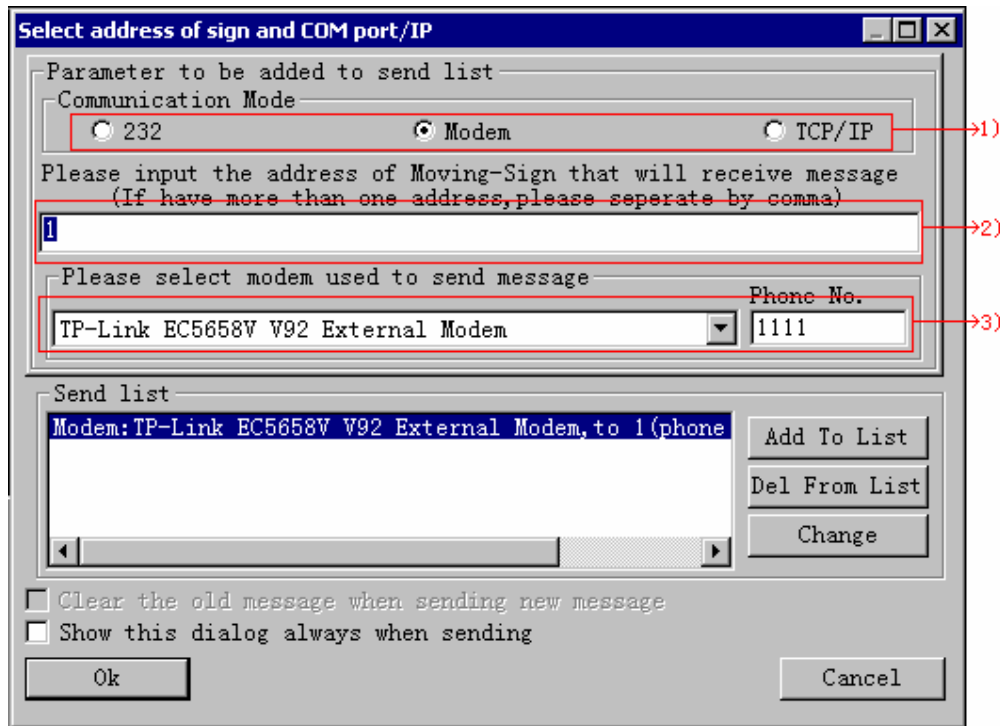
2.3.5 Test Moving-Sign

Send a command to let all LED dots of moving-sign light, so user can check whether the moving-sign have some dots that can't light.

2.4 Submenu of Communication Menu

2.4.1 Send List

When sending message or command to Moving-Sign, user must select this menu to add one or more send tasks to send list, so program know how to send and send what message to Moving-Sign. Select this menu, it will display a dialog as follow:



<Figure K>

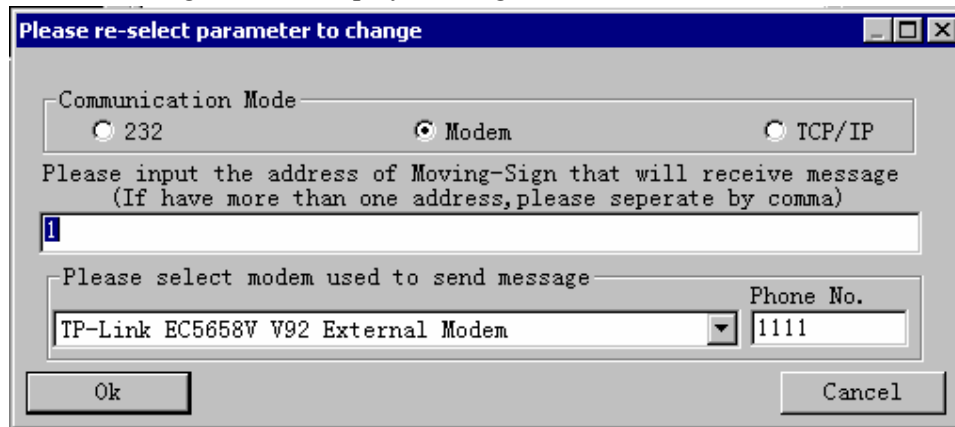
- ◆ 1)Communication Mode:
 - ✧ 232:One or more signs are connected with RS485 cabling to PC.
 - ✧ Modem: Modem are used to connect one or more signs to PC.
 - ✧ TCP/IP: One or more signs are connected to an exist Local Area Network.
- ◆ 2)The sign's address which will receive message: Input the sign's address which will receive message, if you have more than one sign link together and it will receive message also, input its address but separate by comma. However, when you send a message to serial address 0, the message is "broadcast" to ALL signs on you network.
- ◆ 3)If the communication mode is 232, select the serial COM port which connect to RS485 cabling.

If the communication mode is Modem, select the modem used to send message. PC may be installed more than one modem., and input the phone no in "Phone No." edit control.

If the communication mode is TCP/IP, select the group name which will receive message. You must create the group at first. About how to create a new group, please refer to "2.4.2 TCP-IP Setting".

When you set all these parameters, click button "Add To List" to add a send task to "Send List". If you want to delete a send task, please select one send task from "Send List", and then press button "Del From List" to delete this send task. If you want change one send task's parameter, please select one send task from "Send List", then

press button “Change”, it will display a dialog as follows:



<Figure L>

When you select set all corresponding parameters ,press OK button to change it.

◆ Show this dialog always when sending: If you check it, this dialog will display always when you send message or command to let you confirm the send task, otherwise, it will not display and program will use the send task which you set previously.

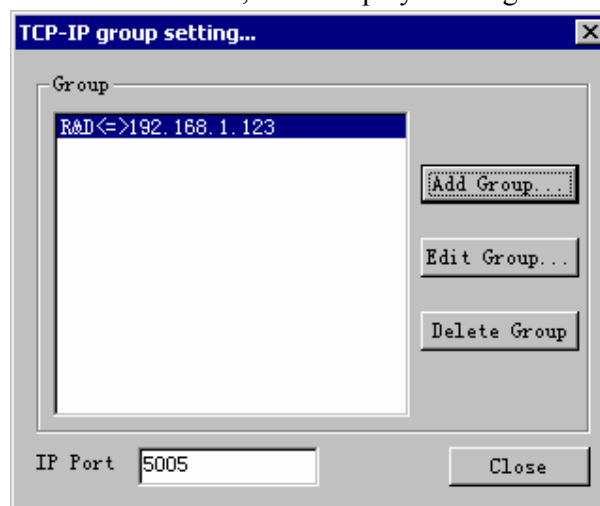
◆ When you add all tasks to “Send List”, press OK button to save this send list, otherwise program will discard the setting .

2.4.2 TCP-IP Setting

This option allows you to connect one or more signs to a Local Area Network(LAN) using Ethernet Adapters.

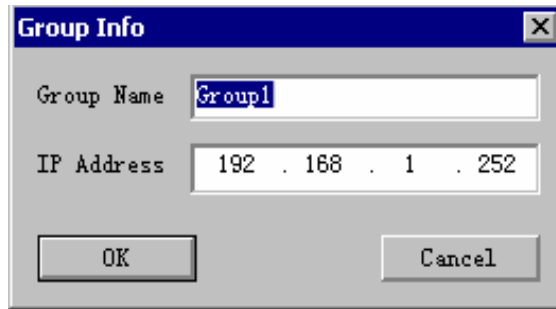
Before you can transmit messages to Signs by Local Area Network(LAN), you must configure Ethernet Adapter correctly. Please refer to NetJetSetting manual to learn about how to configure Ethernet Adapter.

When execute this menu command ,it will display a dialog as follows:



<Figure M>

- ◆ Add Group: Press this button to add a group, it will display a dialog as follows:



<Figure N>

For **Group Name** , type **Group1** . Purpose of **Group Name** is just easy manage (or remember) the IP address.

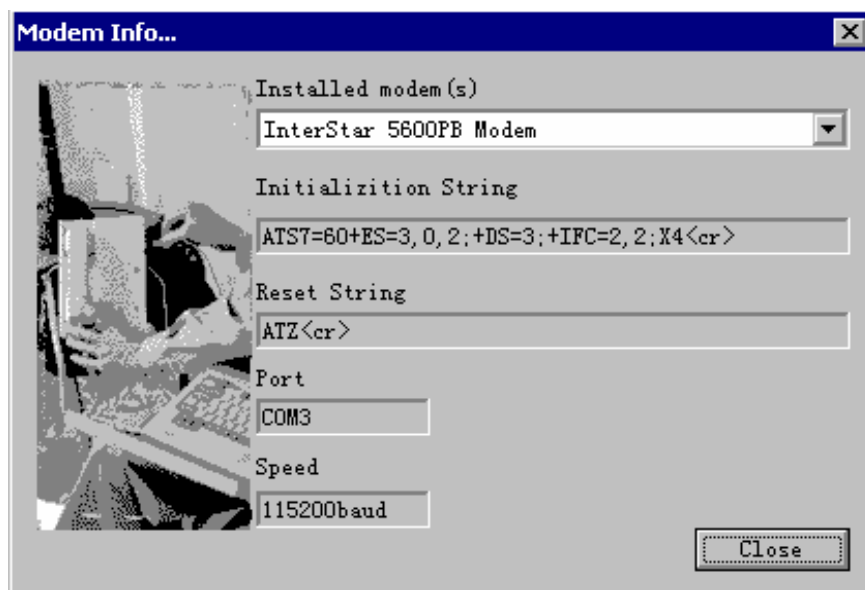
IP Address - Specify the 4-node Internet Protocol address for the Ethernet Adapter connected to Sign to which you will talk .See your network administrator if you don't know this address.

Select **OK** to affirm this setting, and **Group1 ⇌ 192.168.1.252** will appear in **IP Address setting**.

- ◆ If you want to change or delete the IP setting ,make sure **Group1 ⇌ 192.168.1.252** is highlighted as above and then select **Edit Group** or **Delete Group**.
- ◆ Input the port of device. This value must be same with Ethernet Adapter's setting. The default setting is 5005. Please refer to NetJetSetting manual to learn about how to set IP port for Ethernet Adapter.

2.4.3 Modem Info...

When executed, it will display a dialog as follows:



<Figure O>

You can select one modem from “Installed Modem(s)” to see its detailed information.

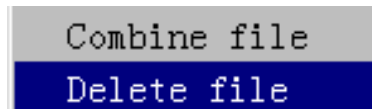
2.5 Submenu of About Menu

About the version and copyright information of this software.

3 How to...

3.1 How to delete one file

If you want to delete the first file, move the mouse to FILE01, then press the right mouse button, a menu will display as follow:



<Figure P>

From the menu, choose "Delete File". If the user wants to combine a file with the next file, choose "Combine File"

3.2 How to let program display with your native language

The default language of program is English, but you can translate all resources used by program to your native language, and then select menu “File->Language” to set one language as the default language of program.

All character string which program used are stored in ”Multi_eng.ini” file, this file is in the “Language” sub-folder, now will introduce how to translate it:

- ◆ First, copy “Multi_eng.ini” to another file name, such as “Multi_French” if you want translate it to French.
- ◆ Second, Open this file with Notepad.exe. (You can double-click this file in Windows Explore to open it.)
- ◆ This file’s content will look like as follows:

[Setting]

Language=English

[Dialog String]

IDD204_Title=Moving-Sign option

IDD204_1=OK

IDD204_2=Cancel

IDD204_1159=Please input the width of the Moving-Sign(UNIT:pixel)
IDD204_1004=The number of Moving-Sign inter-connected is 16
IDD204_1005=The number of Moving-Sign inter-connected is 128
IDD204_1160=Send option
IDD204_1158=Color
IDD204_1139=Single Color
IDD204_1140=Double Color

[Menu String]

IDS_MENU_0=File
IDS_MENU_1=Language
IDS_MENU_2=Clear
IDS_MENU_3=Open...(Ctrl+O)
IDS_MENU_4=Save(Ctrl+S)
IDS_MENU_5=Save As...
IDS_MENU_6=Exit

[String Table]

IDS_STRINGTABLE_32797=Send the edit area's message to the Moving Sign
IDS_STRINGTABLE_32798=Let user select a disk file and send it to the Moving Sign

There are four parts:

- ✧ The first part(red characters): This part is the markings to identify this file. Program will read this value(such as :English), and fill it to the list box when you select menu 'File->Language'. So , if you want translate English to the other language, such as French, you must modify the value of this part to French, now this part will look like:

[Setting]

Language=French

- ✧ The second part(green characters): All of these character strings in this part are used by dialog
- ✧ The third part(yellow characters): These character strings are menu character strings
- ✧ The fourth part(blue characters): These character strings are used by program, such as, when program occur some errors, program will display a message box to tell user program occur what errors.

You must translate the second, third, fourth part to the other language, such as French, and then save this file.

At last, you run this program, select menu 'File->Language', it will display a dialog, select the language you want from the list box, such as French, and then press OK button, now program will display with French.

Note:

- ✧ **When you translate the second, third, fourth part, you only can modify**

the portion after equal mark, such as when you translate this character string as follow:

IDD204_Title=Moving-Sign option

You only can modify the red characters.

✧ **You can't edit or delete these characters as follows:**

\n, \t, \r, %d, %s