M-1 Pro III

CABLE I.D. PRINTER

Application Software for M-1 Pro III

User's Guide

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PR5841P370A

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■ Abbreviations

Throughout this document the following abbreviations are used in text.

- Microsoft Windows Vista is abbreviated as “Windows Vista”
- Microsoft Windows XP is abbreviated as “Windows XP”
- Microsoft Windows 2000 is abbreviated as “Windows 2000”

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Contents

SOFTWARE LICENSE AGREEMENT ii

Contents iv

Introduction 1

System Requirements 2

1. Installing 3

1.1 Installing M-1 Pro III PC and the Printer Driver 3

1.2 Uninstalling the Software 14

2. Starting M-1 Pro III PC 15

2.1 Starting 15

2.2 Shutting Down 15

3. Screen Structure 16

3.1 Main Screen 16

Toolbar 17

Data List 17

Menu Bar 18

Status Bar 20

4. Operating M-1 Pro III PC 21

4.1 File Types 21

4.2 Basic Operations 22

Creating a New Data List 22

Opening Existing Files 23

Loading Additional Data 25

Saving Data Lists 25

4.3 Sending Data to the Printer 27

4.4 Creating Numbering 30

4.5 Format Settings 31

4.6 Remote Operation 34

Connecting the Printer and Computer 34

Starting Printing 35
Saving Print Data 38
Saving the Backup Data 40

5. How to Use the Status Monitor 44

5.1 Setting up the Status Monitor 44

5.2 Using the Status Monitor 46
Viewing the Printer Status 47
Message List 48

Introduction

This manual contains descriptions of operating instructions for the Application software “M-1 Pro III PC”.
Please read this manual carefully to ensure correct operation.

This manual has been written with the assumption that users have knowledge of basic Windows operations and functions. We recommend that users familiarize themselves with the Windows environment before using M-1 Pro III PC. For details about Windows terminology or operations such as ‘Open’, refer to the documentation provided with Windows.

■ Screens Appearing in This Manual

- This manual provides descriptions using the screens displayed under Windows Vista. Basically, the screen contents and operation methods of Windows Vista are true of Windows XP and Windows 2000. If they are different, descriptions will be provided separately for individual operating systems.

- Buttons displayed on the screen are enclosed in [ ].
  Example: [OK]

System Requirements

The hardware and software items listed below are required for using M-1 Pro III PC.

■ Compatible operating systems

Windows Vista (English)
Windows XP (English)
Windows 2000 (English)

❖ Be sure to log on as a member of Administrators when starting up.

■ Computer

A computer that supports any of the above operating systems.

■ Monitor and video driver

A Monitor capable of 800 x 600 dots resolution and 256 color display or higher.
1024 x 768 recommended.

❖ When using an 800 x 600 dot monitor, set the display font size to “Small Fonts”.

■ Memory

At least the recommended amount of memory for the operating system.

1. Installing

1.1 Installing M-1 Pro III PC and the Printer Driver

Install M-1 Pro III PC and the printer driver for the M-1 Pro III into your computer.

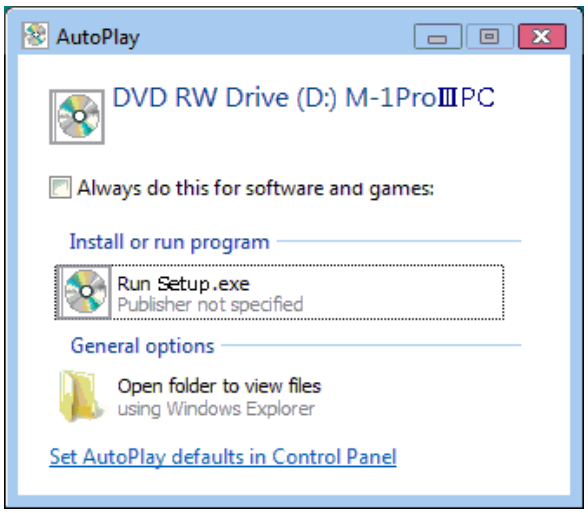
- ❖ Close all applications before installing the software.
- ❖ Be sure to log on as a member of Administrators when starting up.
- ❖ Windows Vista/ Windows XP allows multiple users to use one computer at the same time. However, only one user can log on to the computer when making settings.

1 Have ready the installation CD-ROM that contains the software.

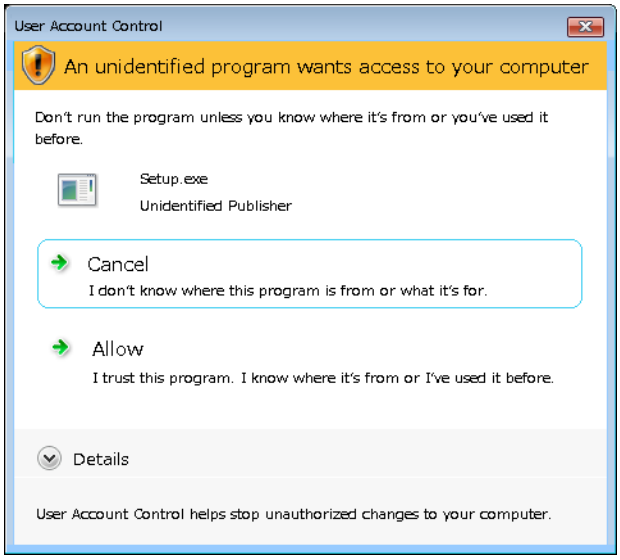
2 Turn on your computer and start Windows.

3 Insert the CD-ROM to install the software into your CD-ROM drive.

- If the CD-ROM does not start automatically, double-click the CD-ROM drive icon, and then double-click the [Run Setup.exe] file in the [APP] folder.
- When the AutoPlay screen appears, click [Setup.exe].

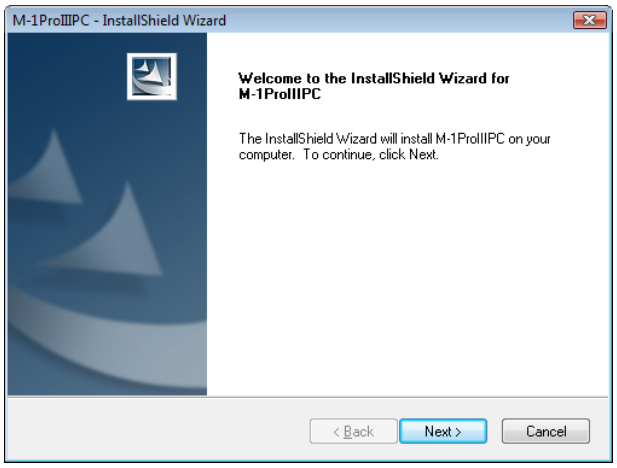


- When the User Account Control dialog box appears, click the [Allow].



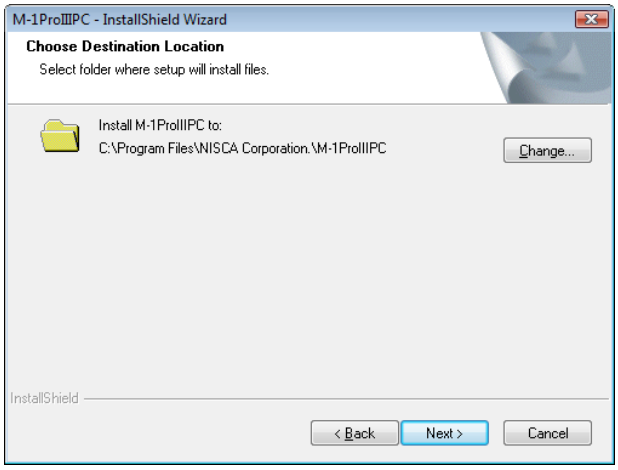
4 Install the M-1Pro IIIPC.

(1) Click the [Next].



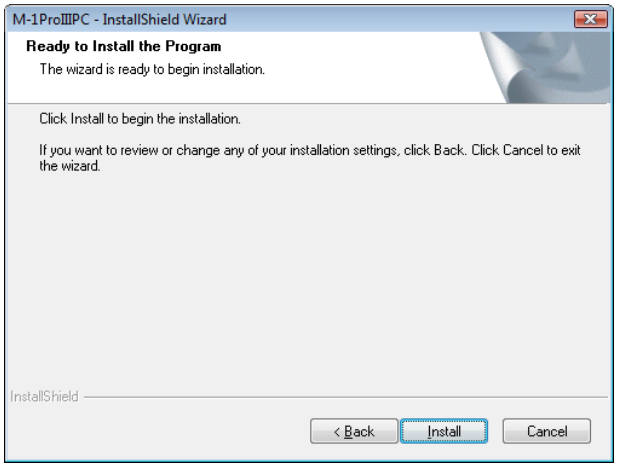
(2) Read the License Agreement, select "I accept the terms of the license agreement" and then click the [Next].

(3) Specify the destination for installation and then click the [Next].

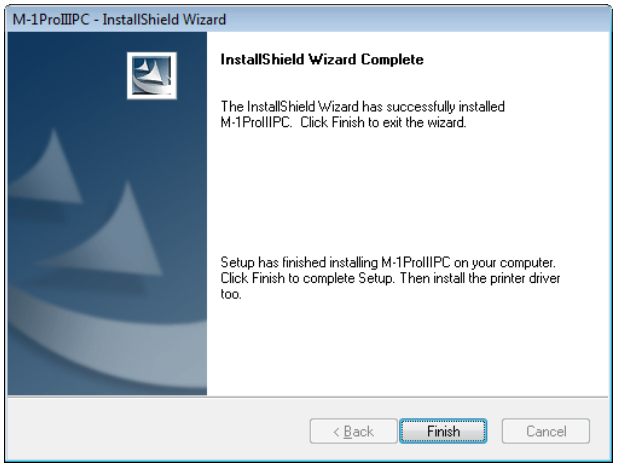


- To install the software in the folder displayed, click the [Next].
- To install the software in a different folder, click the [Change] and specify a folder.

(4) Click the [Install].



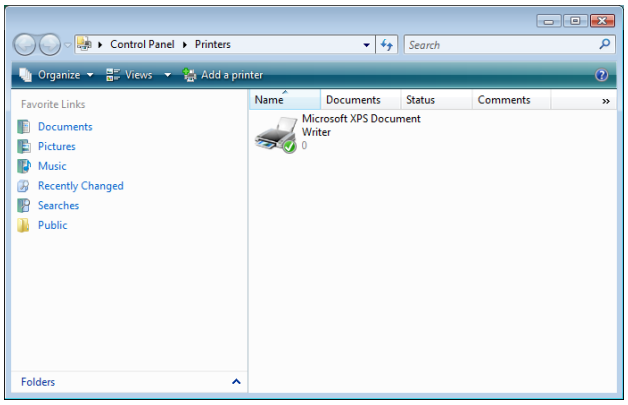
(5) Click the [Finish].



This completes the M-1Pro IIIPC installation.
Next, Install the Printer Driver.

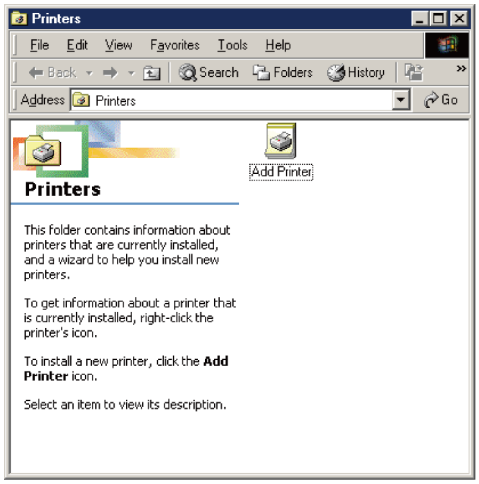
5 Install the Printer Driver.

(1) The Printers folder opens. Click the [Add a printer].

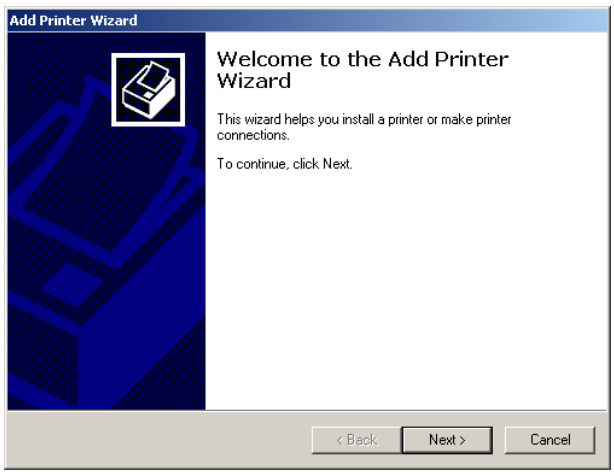


♦ Windows XP/ Windows 2000

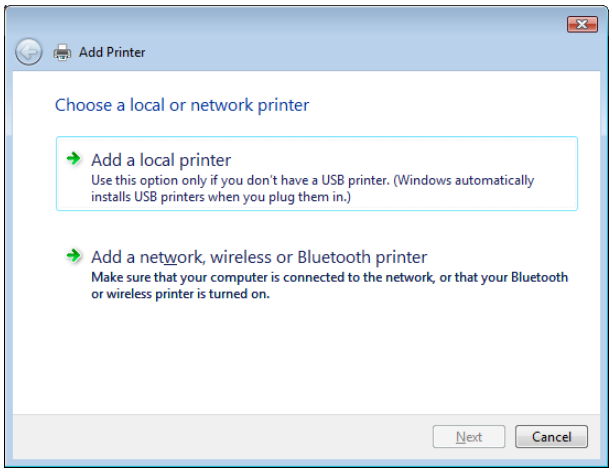
The Printers folder opens. Double-click the [Add Printer] icon.



The Add Printer Wizard starts. Click the [Next].



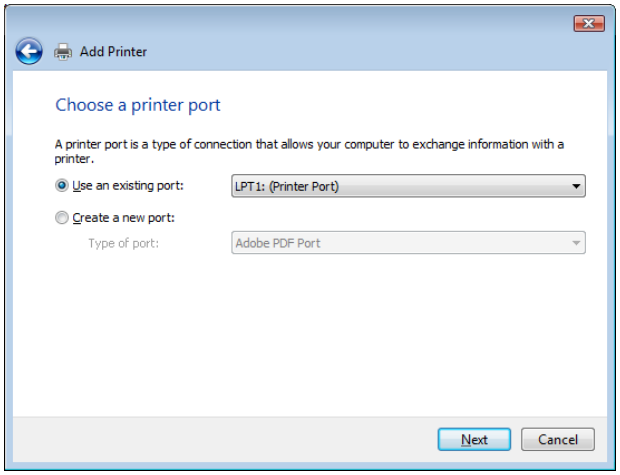
(2) Select “Add a local printer”



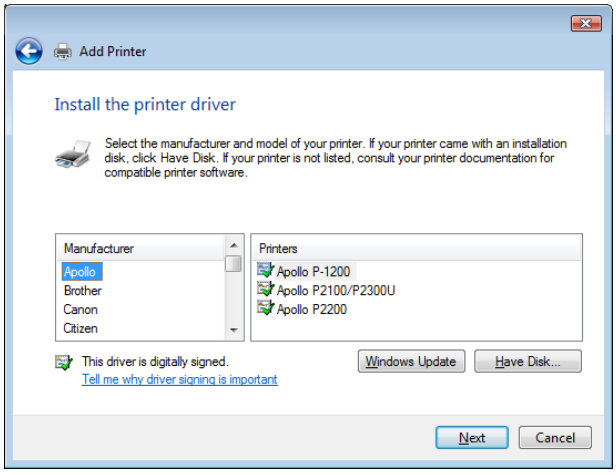
♦ Windows XP/ Windows 2000

Select “Local printer”, and then click the [Next].

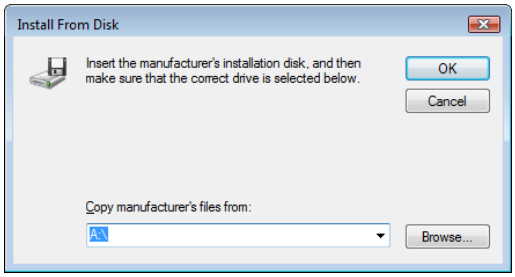
(3) Select the port that you want to use and then click the [Next].



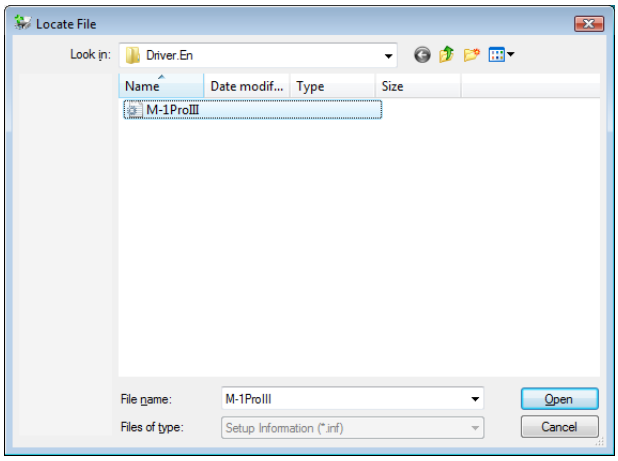
(4) Click the [Have Disk…].



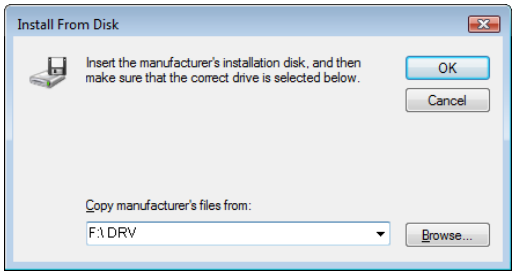
(5) Click the [Browse…].



(6) Select [DRV] folder– [M-1ProIII.inf] file on the CD-ROM, and then click the [Open].

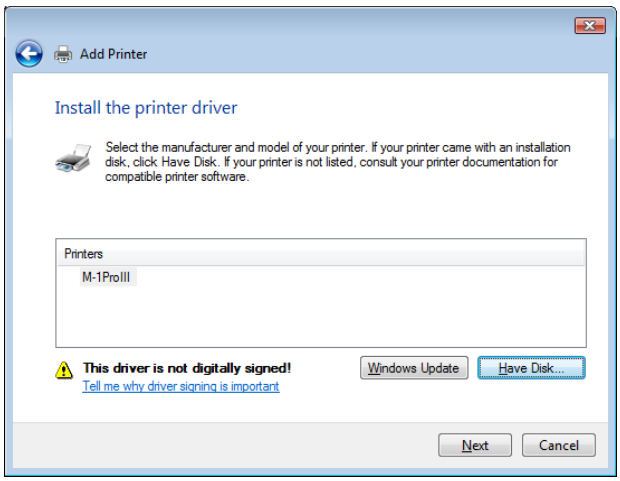


(7) Click the [OK].



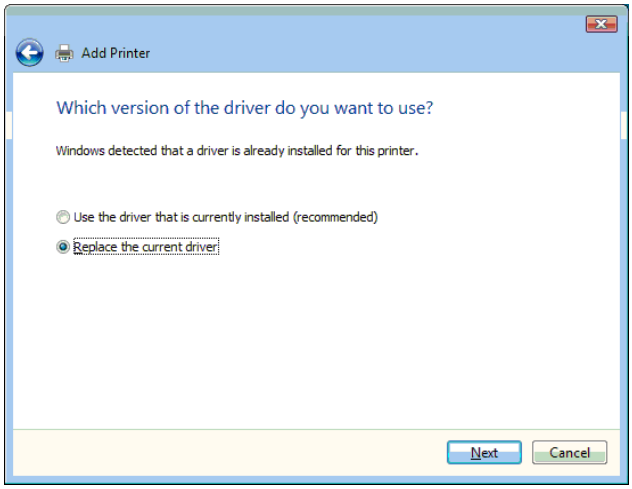
- Where “F:\” is the drive letter of your computer’s CD-ROM drive.

(8) Select “M-1 Pro III” as the printer, and then click the [Next].



- The following screen only appears if a printer driver is already installed in the system.

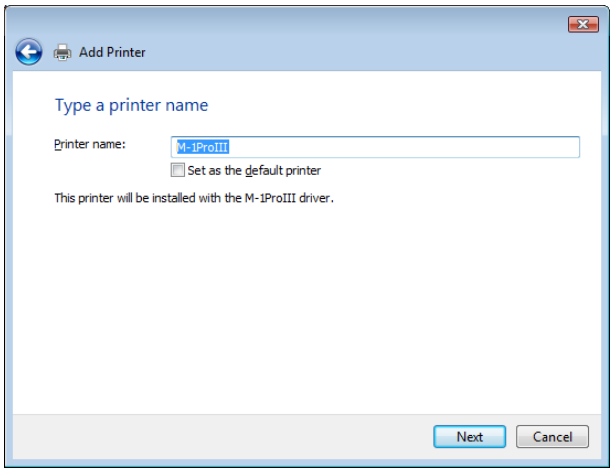
  Select “Replace the current driver”, and then click [Next].



♦ Windows XP/ Windows 2000

Select “Replace existing driver”, and then click [Next].

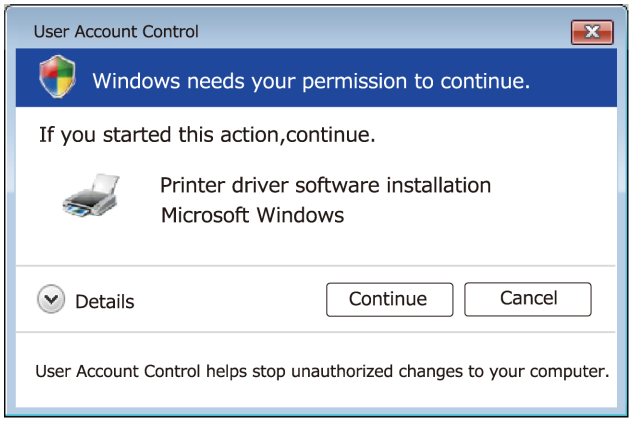
(9) Click the [Next].



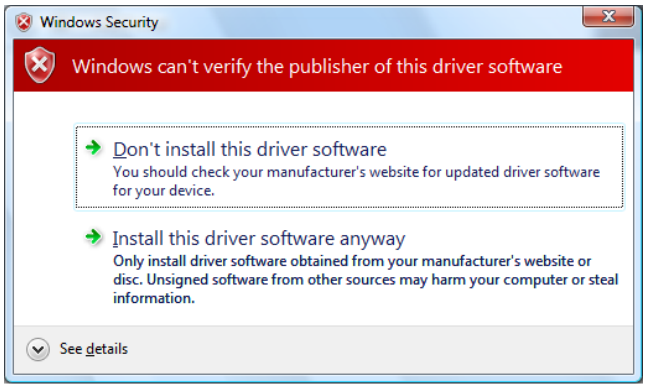
❖ Never change the printer name. Should you change it, print data is not properly sent to the printer and prints fail.

- If the following screen appears, perform the following operation:

  Click the [Continue]

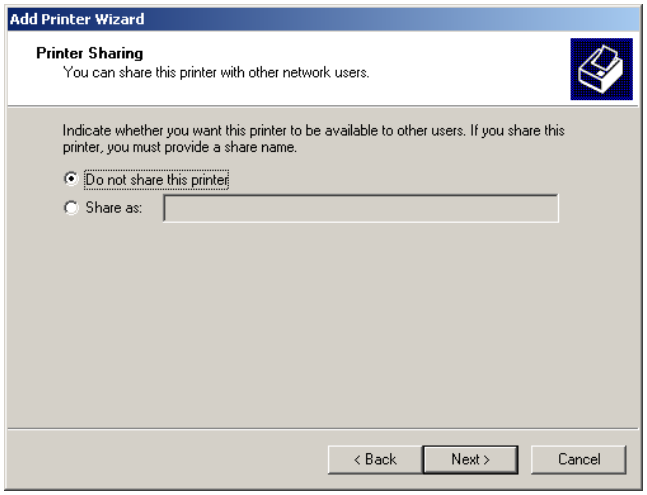


  Click the “Install this driver software anyway”.

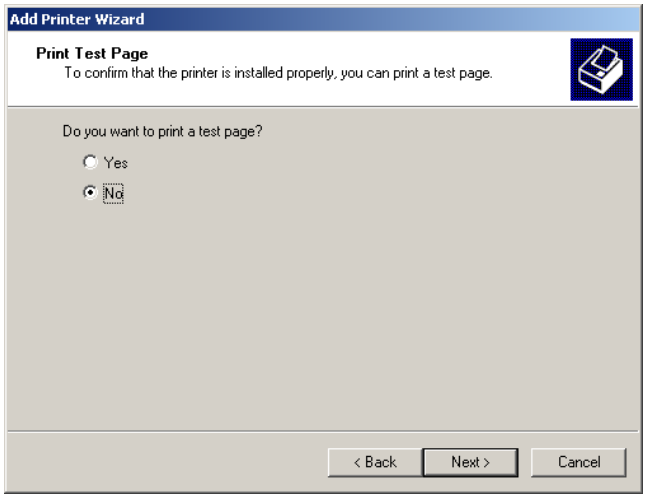


♦ Windows XP/ Windows 2000

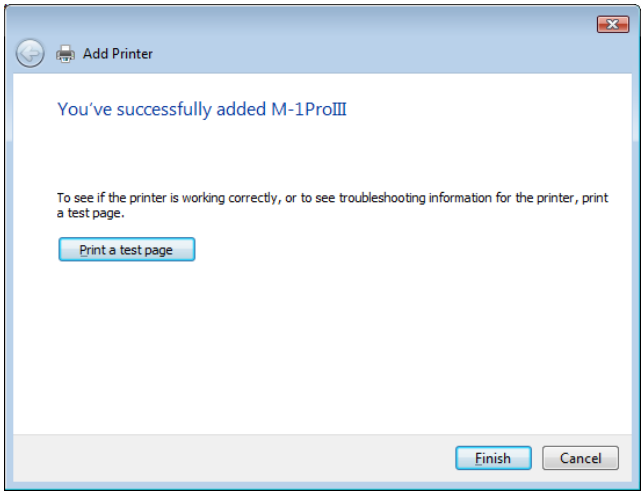
  Select “Do not share this printer” in the Printer Sharing screen, and then click [Next].



Select “No” in the Print Test Page screen, and then click [Next].

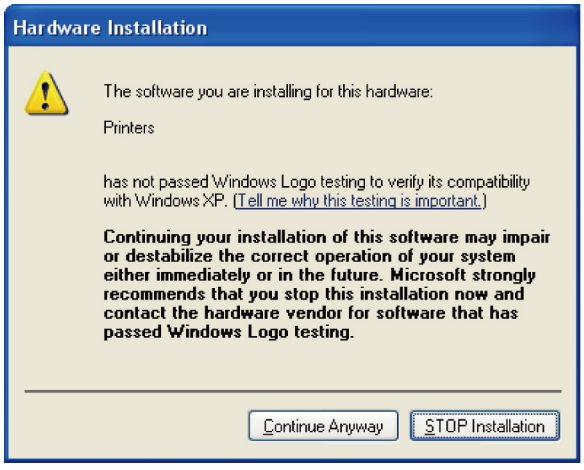


(10) Click the [Finish].

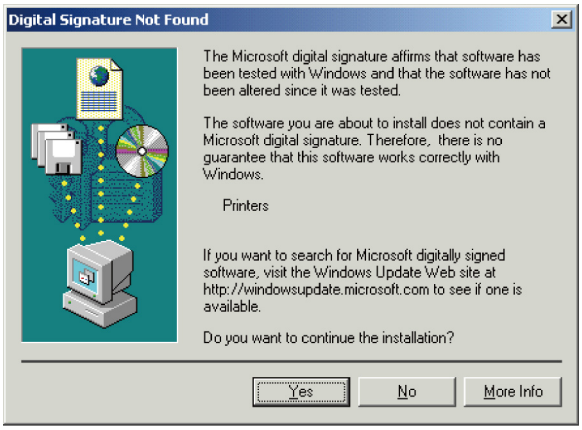


♦ Windows XP

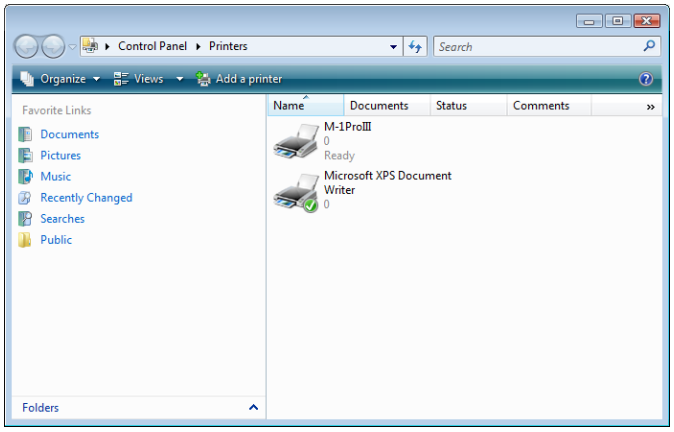
When the following screen appears, click the [Continue Anyway].



♦ Windows 2000
When the following screen appears, click the [Yes].



(11) The M-1 Pro III icon is added to the “Printers” folder.



This completes the Printer Driver installation.

6 Restart your computer.

❖ Follow the procedure below to install the driver for the M-1 Pro III at a later time. Restart your computer after installing the printer driver.

＜Windows Vista＞

Click the button (Start), and select [Control Panel] – [Hardware and Sound] – [Printers].
Next, click the [Add a printer], and install the printer driver.

＜Windows XP＞

Click the [Start], and select [Printers and Faxes].
Next, click the [Add a printer], to start the Add Printer Wizard and install the printer driver.

＜Windows 2000＞

Click the [Start], and select [Settings] – [Printers].
Next, double-click the [Add Printer] icon, to start the Add Printer Wizard and install the printer driver.

1.2 Uninstalling the Software

To uninstall the M-1 Pro III PC, go through the following procedure:

＜Windows Vista＞

(1) Click the button (Start), select [Control Panel] – [Programs], and then click [Uninstall a program].
(2) Select [M-1 Pro III PC] from the list of the programs, and then click the [Uninstall].
(3) When the confirmation message appears, click the [OK].
(When the User Account Control dialog box appears, click the [Continue].)

＜Windows XP＞

(1) Click the [Start], and then select [Control Panel] – [Add or Remove Programs].
(2) Select [M-1 Pro III PC] from the list, and then click the [Remove].
(3) When the confirmation message appears, click the [OK].

＜Windows 2000＞

(1) Click the [Start], select [Settings] – [Control Panel], and then double click the [Add/Remove Programs] icon.
(2) Select [M-1 Pro III PC] from the list, and then click the [Change /Remove].
(3) When the confirmation message appears, click the [OK].

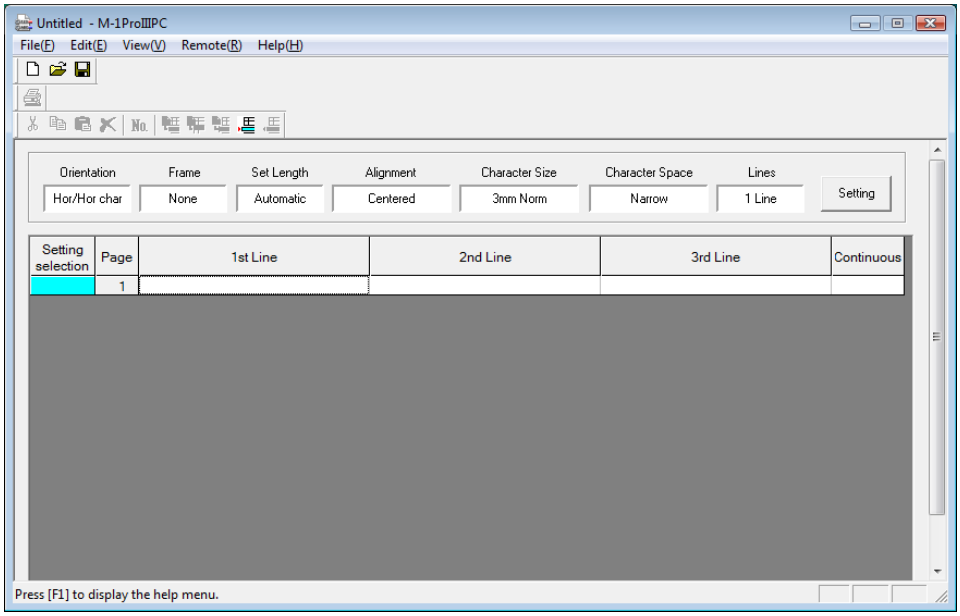
2. Starting M-1 Pro III PC

2.1 Starting

You can start M-1 Pro III PC by one of the following methods:

- Double-click the M-1Pro III PC icon on the desktop.
- Click the button (Start), and then select [All Programs] – [M-1Pro III PC] – [M-1Pro III PC].
  - ♦ Windows XP/ Windows 2000
    Click the [Start], and then select [All Programs] or [Programs] – [M-1Pro III PC] – [M-1Pro III PC].

The main screen appears when you start M-1 Pro III PC.



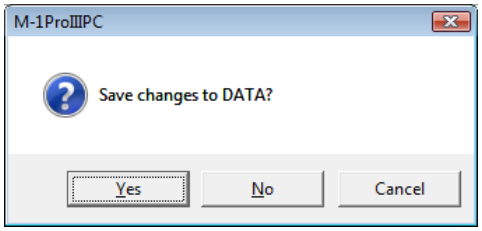
For details of the main screen parts, refer to "3. Screen Structure"(P.16) below.

2.2 Shutting Down

You can shut down M-1 Pro III PC by one of the following methods:

- Click [Exit] in the [File] menu.
- Click the button upper right of the main screen.

❖ If you are editing data when you shut down M-1 Pro III PC, a message asking whether to save the data appears.

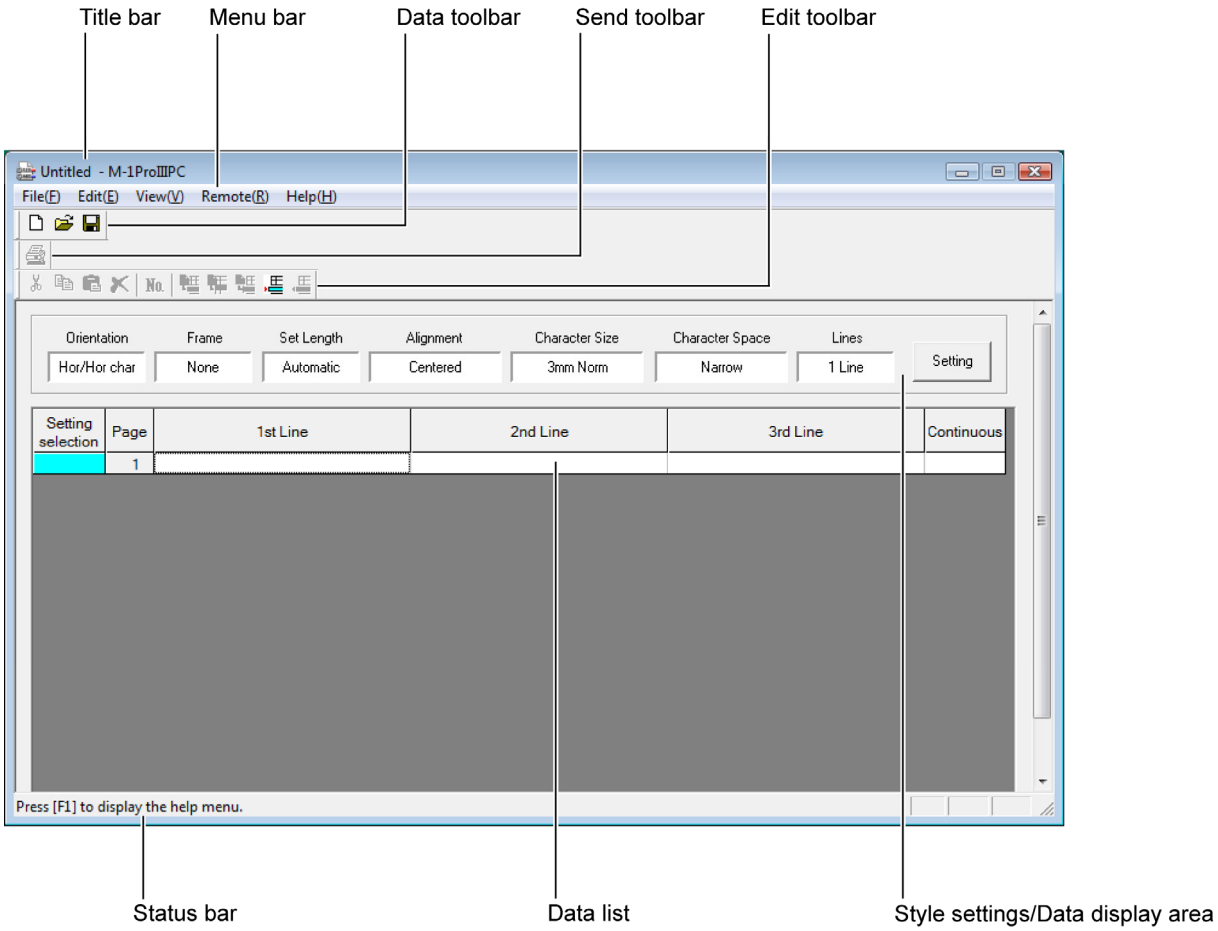


3. Screen Structure

This section describes details of the tool buttons and menus contained in M-1 Pro III PC.

3.1 Main Screen

This appears when you start M-1 Pro III PC.



f.g.1 Main screen

Toolbar

The toolbar contains the following buttons.

Tool button	Description
	Creates a new data list. Does the same thing as selecting [New] from the [File] menu. ❖ If you are editing data, a message asking whether to save the data appears.
	Opens an existing file or CSV file and loads the data. Does the same thing as selecting [Open] from the [File] menu. ❖ If you are editing data, a message asking whether to save the data appears. ❖ If you attempt to open an existing file with the old format (.mtd), a message may appear to indicate that it has been replaced with a file with the new format (.md2).
	Saves the data you are editing in an existing file. Does the same thing as selecting [Save] from the [File] menu.
	Sends the data you are editing to the M-1 Pro III. Does the same thing as selecting [Send] from the [File] menu.
	Sets a numbering and adds numbering data to the specified pages. Does the same thing as selecting [Numbering] from the [Edit] menu.
	Inserts a blank page in front of the cursor page. Does the same thing as selecting [Page Insert] from the [Edit] menu.
	Deletes the cursor page. Does the same thing as selecting [Page Delete] from the [Edit] menu.
	Cuts the specified page and pastes it to the clipboard. Does the same thing as selecting [Page Cut] from the [Edit] menu.
	Copies the contents of the specified page to the clipboard. Does the same thing as selecting [Page Copy] from the [Edit] menu.
	Pastes the contents of the clipboard by inserting it in front of the specified page. Does the same thing as selecting [Page Paste] from the [Edit] menu.

Style Settings /Data Display Area

This area displays current format settings. To change the format settings, click the Setting button.

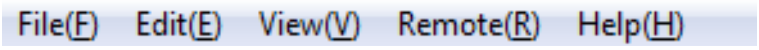
For details about settings, refer to "4.5 Format Settings"(P.31).

Data List

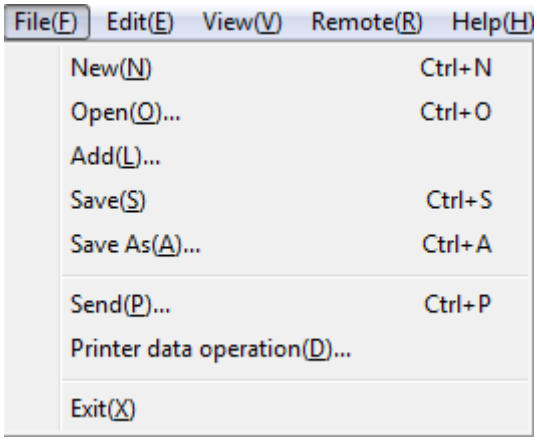
This is a list of files currently being edited.

Menu Bar

The Menu bar contains the following menus.

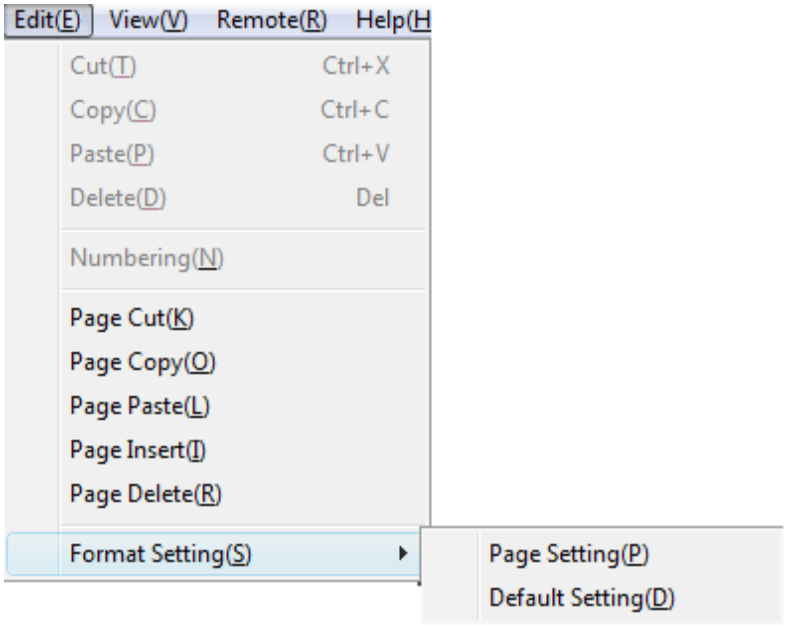


■ [File] menu



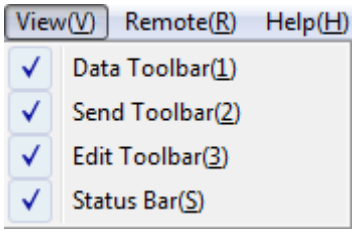
Menu item	Description
New (N)	Creates a new data list. There is also the button that performs this function. ❖ If you are editing data, a message asking whether to save the data appears.
Open (O)	Opens an existing file or CSV file and loads the data. There is also the button that performs this function. ❖ If you are editing data, a message asking whether to save the data appears. ❖ If you attempt to open an existing file with the old format (.mtd), a message may appear to indicate that it has been replaced with a file with the new format (.md2).
Add (L)	Opens another file and adds the data to the data you are editing.
Save (S)	Saves the data you are editing in an existing file. There is also the button that performs this function.
Save As (A)	Saves the data you are editing in a new file with a name that you assign.
Send (P)	Sends the data you are editing to the M-1 Pro III. There is also the button that performs this function.
Printer data operation (D)	Saves the backup data of the files stored in the printer to the computer, or writes backup data to the printer.
Exit (X)	Shuts down M-1 Pro III PC.

■ [Edit] menu



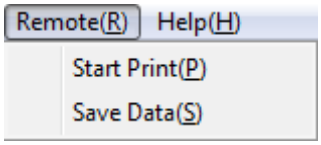
Menu item		Description
Cut (T)		Cuts the specified data and pastes it to the clipboard.
Copy (C)		Copies the selected contents to the clipboard.
Paste (P)		Pastes the contents of the clipboard.
Delete (D)		Deletes the selected part.
Numbering (N)		Sets a numbering and adds numbering data to the specified pages. There is also the No. button that performs this function.
Page Cut (K)		Cuts the specified page and pastes it to the clipboard. There is also the button that performs this function.
Page Copy (O)		Copies the contents of the specified page to the clipboard. There is also the button that performs this function.
Page Paste (L)		Pastes the contents of the clipboard by inserting it in front of the specified page. There is also the button that performs this function.
Page Insert (I)		Inserts a blank page in front of the cursor page. There is also the button that performs this function.
Page Delete (R)		Deletes the cursor page. There is also the button that performs this function.
Format Setting (S)	Page Setting (P)	Changes the format settings for the cursor page.
	Default Setting (D)	Sets the default format to be used when creating new data lists or inserting pages.

■ [View] menu



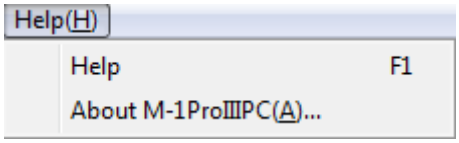
Menu item	Description
Data Toolbar (1)	Shows or hides the data toolbar.
Send Toolbar (2)	Shows or hides the send toolbar.
Edit Toolbar (3)	Shows or hides the edit toolbar
Status Bar (S)	Shows or hides the status bar.

■ [Remote] menu



Menu item	Description
Start Print (P)	Sends a print command to the M-1 Pro III.
Save Data (S)	Sends a save data command to the M-1 Pro III.

■ [Help] menu



Menu item	Description
Help F1	Displays M-1 Pro III PC help.
About M-1Pro III PC (A)	Displays M-1 Pro III PC version information.

Status Bar

Displays the current status of the M-1 Pro III PC.

4. Operating M-1 Pro III PC

4.1 File Types

With M-1 Pro III PC, you can load the following file types into the data list.

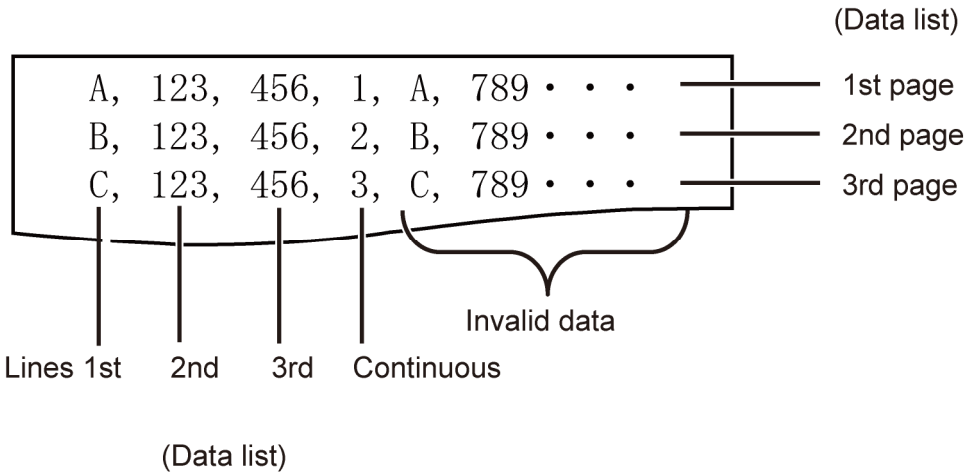
- Original data files (.md2)
- CSV files (Comma separated text files)

To load data into the data list, files must meet the following conditions:

1st line: First line of character data
2nd line: Second line of character data
3rd line: Third line of character data
4th line: Number of continued printing

❖ Data from and including the 5th line is ignored.

(E.g.1) Loading CSV data into M-1 Pro III PC



(Data list)

(E.g.2) CSV data from E.g.1 loaded into the data list.

Page	1st line	2nd line	3rd line	Continuous
1	A	123	456	1
2	B	123	456	2
3	C	123	456	3

4.2 Basic Operations

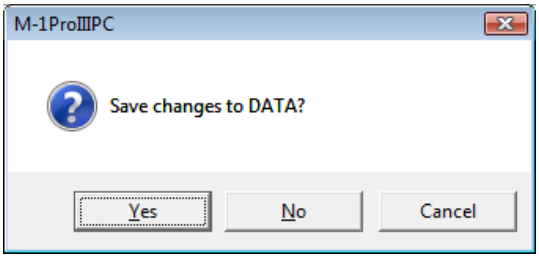
This section describes the methods for creating new data lists, creating data lists from existing data and sending data to the M-1 Pro III.

Creating a New Data List

1 Click [New] in the [File] menu or click the button.

A new data list is created.
The format set in [Format Setting] – [Default Setting] in the [Edit] menu is used.

❖ If you are editing data, a message asking whether to save the data appears.



[Yes]: Saves the data you are editing and creates a new data list.
If the file already has a name, it is overwritten.
If the file does not have a name, the Save As dialog box appears, where you can give the file a name.

[No]: Creates a new data list without saving the data you are editing.

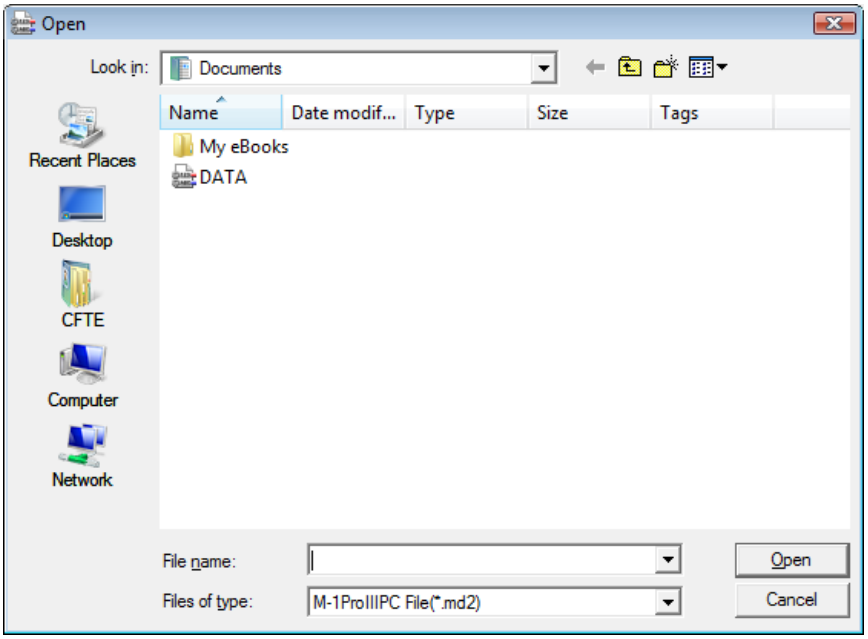
[Cancel]: Cancels the [New] command.

Opening Existing Files

You can load your own original data files (.md2) or CSV files into the data list.

1 Click [Open] in the [File] menu or click the button.

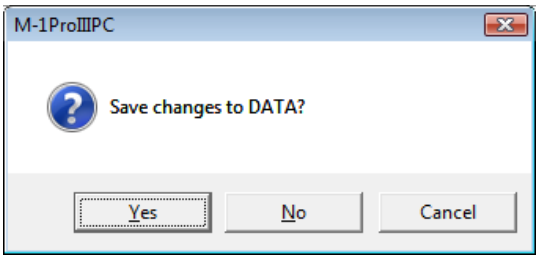
The Open dialog box appears.



2 Select an original data file (.md2) or CSV file, and then click the [Open].

The selected file is loaded and displayed in the data list.
The format set in [Format Setting] – [Default Setting] in the [Edit] menu is used.

❖ If you are editing data, a message asking whether to save the data appears.

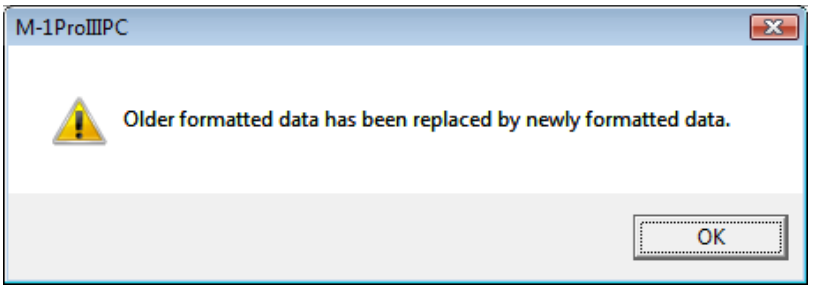


[Yes]: Saves the data you are editing and creates a new data list. If the file already has a name, it is overwritten. If the file does not have a name, the Save As dialog box appears, where you can give the file a name.

[No]: Opens the selected file without saving the data you are editing.

[Cancel]: Cancels file loading.

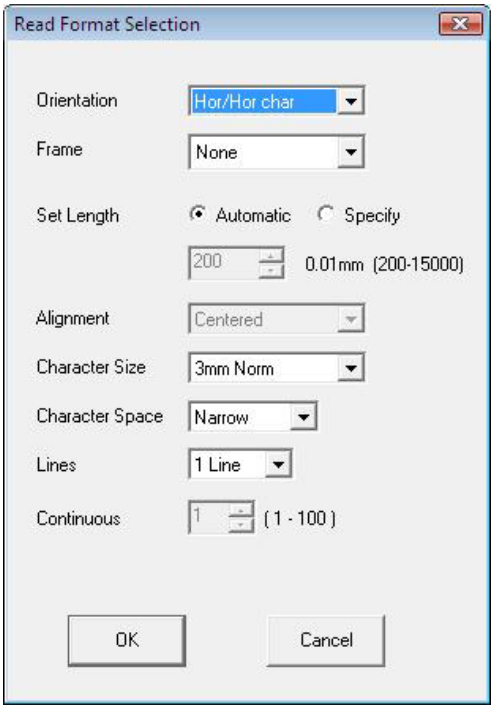
❖ If you attempt to open an existing file with the old format (.mtd), a message may appear to indicate that it has been replaced with a file with the new format (.md2).



[OK]: The file with the new format (.md2) substitutes for the existing file with the old format (.mtd) and then opens.

3 When you select a CSV file, the Read Format Selection dialog box appears.

For details about individual setting items, refer to "4.5 Format Settings"(P.31).



❖ If you select [1 Line] in [Lines], the first line of data in the CSV file is loaded, but the second line and the third line are ignored.

❖ The third line of data can be loaded only when [Character Size] is set to [1.3mm Norm].

Loading Additional Data

You can add data to a specified position in the data list.

1 Select the file you want to add, and then click the [Open].
The Open dialog box appears.

2 Select the file you want to add, and then click the [Open].
The data in the selected file is added at the cursor position.

Saving Data Lists

■ Overwriting when saving

1 Click [Save] in the [File] menu or click the button.
The file you are editing is overwritten.

- ❖ If “Untitled” appears in the title bar, the Save As dialog box appears. For details about saving the file, refer to “Saving a file with a new name”.
- ❖ If you attempt to open an existing file with the old format, it is replaced with the file with the new format (.md2). Accordingly, selecting [Save] displays the Save As dialog box. The file saved in the new format cannot be opened by the old version of software.

■ Saving a file with a new name

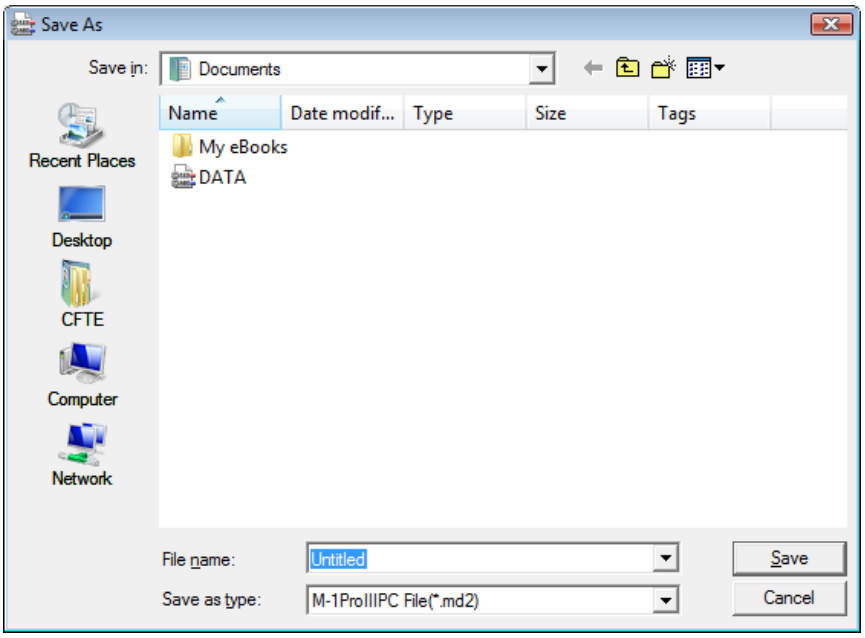
1 Select [Save As] from the [File] menu.

The Save As dialog box appears.

2 Input the file name, specify the file type, and then click the [Save].
Select the file type from the following: The contents that are saved depend on the file type.

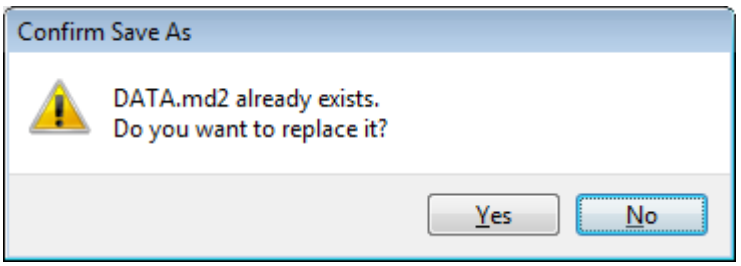
[Original data files (.md2)]: Saves format settings and data list contents.

[CSV file]: Saves the first, second and third lines of character data in the data list, and the numbering value.



The data list is saved with the file name you assigned.

❖ If a file already exists with the same name as the one you input, a message appears asking whether it is ok to overwrite the existing file.



[Yes]: The file is overwritten.

[No]: The file is not saved.

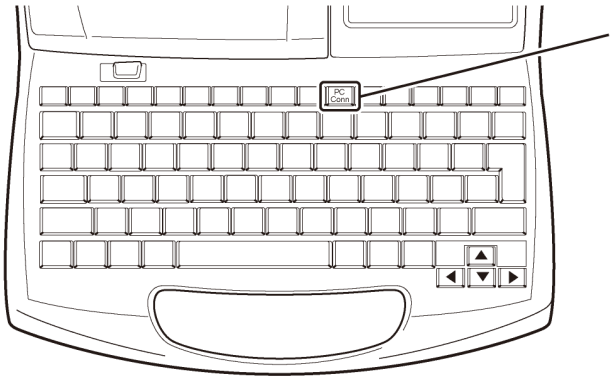
4.3 Sending Data to the Printer

You can send data you create with M-1 Pro III PC to the M-1 Pro III.
This section also describes settings for saving and printing sent data.
Before sending data to the printer, connect the USB cable to the printer and the computer.

1 Connect the USB cable to the printer and the computer.

For how to connect the USB cable, refer to "Connecting the Printer and Computer" (P.34).

2 Power the printer on. When the character input display appears, press the [PC Conn] key on the printer.



Character input display

The printer is in the standby state

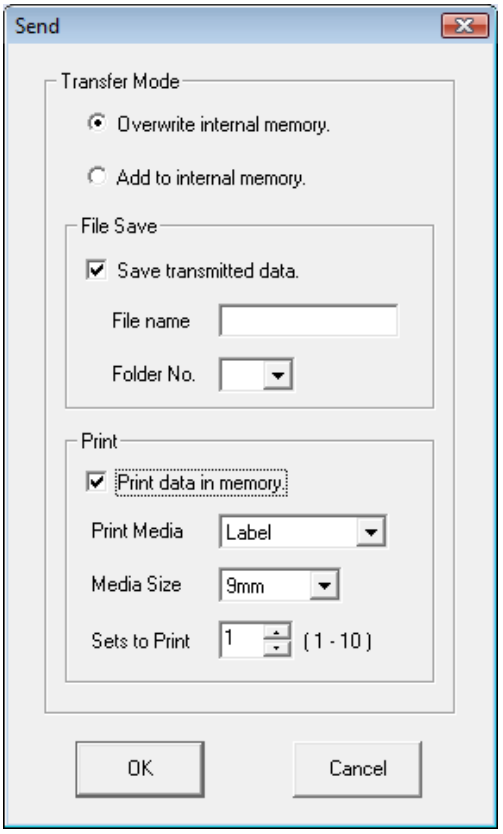
3 From M-1Pro III PC, open the file you want to send to the printer.

To send the existing data, open the file according to "Opening Exiting Files" (P.23).

4 Click [Send] in the [File] menu or click the button.

The Data Transfer dialog box appears.

5 Set each of the items.



[Transfer Mode]

[Overwrite internal memory.]:	Clears the document area in the printer, and saves the transmitted data at the beginning of the document area.
[Add to internal memory.]:	Adds the sent data at the end of the last page in the printer. (The printer adds new pages to the data in the printer.)

[File Save]

[Save transmitted data.]:	When this option is selected, after list data is sent to the printer, data in the printer's document area is saved under the specified file name in the specified folder of the printer's storage area. If you do not select this the data will not be saved.
[File name]:	Inputs the file name.
[Folder No.]:	Selects the folder number (from 1-3) for saving data.

[Print]

[Print data in memory.]:	Select this to print data stored in the printer's memory after sending, according to settings you specify. If you do not select this the data will not be printed.
[Print Media]:	Selects the type of printing media. Select either Tube, Shrink Tube, Label, 4mm I.D. Strip, Clear Tube, Wrap Around or Terminal I.D.

[Media Size]:	Selects the size of printing media. The sizes you can select depend on the type of printing media used.
Tube	: 2.5, 3.0, 4.0, 5.0, 6.0 or 6.5mm
Shrink Tube	: 3.0, 3.2, 4.8, 6.0 or 6.4mm
Label	: 6.0, 9.0, 12.0mm
4mm I.D. Strip	: Size not selectable.
Clear Tube	: 2.5, 3.0, 4.0, 5.0, 6.0 or 6.5mm
Wrap Around	: Size not selectable.
Terminal I.D.	: 8.0, 8.5, 9.0, 9.5 or 10.0mm
[Sets to Print]:	Selects the number of items to be printed. Select from 1-10.

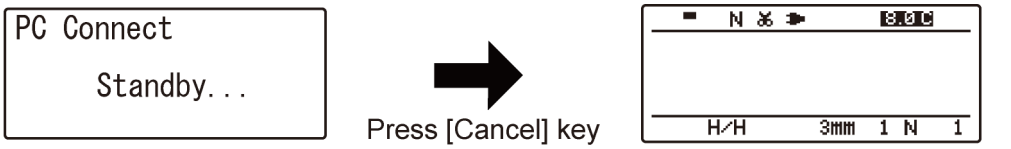
6 Click the [OK].

Format settings and data list contents are sent to the printer.

- If there is no data when you click the [OK], “No character data” appears.
- Click the [Cancel] to cancel data transfer and close the dialog box.

❖ During actual printing, the printer may automatically change the settings made at data creation according to the printing media type in order to maintain the required print quality. Refer to “Printing with [Specify] Specified for Set Length” (P.33).

❖ To use the printer after sending data, you need to cancel the standby state (ready for data reception) of the printer. Make sure that the printer is not receiving data, and then press the [Cancel] key. When the character input display appears, you can operate the printer.



The printer is in the standby state

Character input display (The standby state has been canceled.)

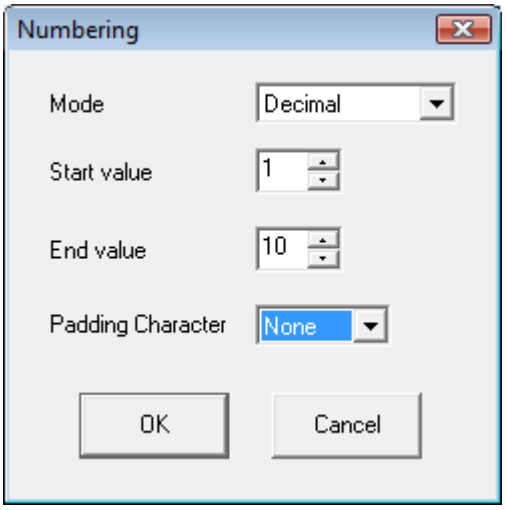
4.4 Creating Numbering

This section describes how to incorporate numbering into the current page in the data list, create pages for printing according to these values and add the pages to a data list.

1 Click [Numbering] in the [Edit] menu or click the No. button.

The Numbering dialog box appears.

2 Set each of the items.



[Mode]:	Selects the mode of numbering. Select from Decimal, Hexadecimal, A to Z or a to z. The numbering range you can select depends on the numbering mode. Decimal: 0 - 99 (0 - 9 for single digit) Hexadecimal: 0-FF (0 - F for single digit) A to Z: A to Z a to z: a to z
[Start value], [End value]:	Selects the start and end values for the numbering. Select from Decimal, Hexadecimal, A to Z or a to z. ❖ If the start value is higher than the end value, the numbering will be in descending order.
[Padding Character]:	Selects digit matching method. Select from None, Zero, or Space.

❖ The character string length is checked when creating a numbering. When it is no longer possible to input characters, “Length exceeded. Input data exceeds set length.” appears.

3 Click the [OK].

A numbering is created in the data list using the numbering information from the cursor page.

- Click the [Cancel] to quit numbering creation and close the dialog box.

❖ To delete a numbering, select the page in the data list, and then select [Delete] from the [Edit] menu.

4.5 Format Settings

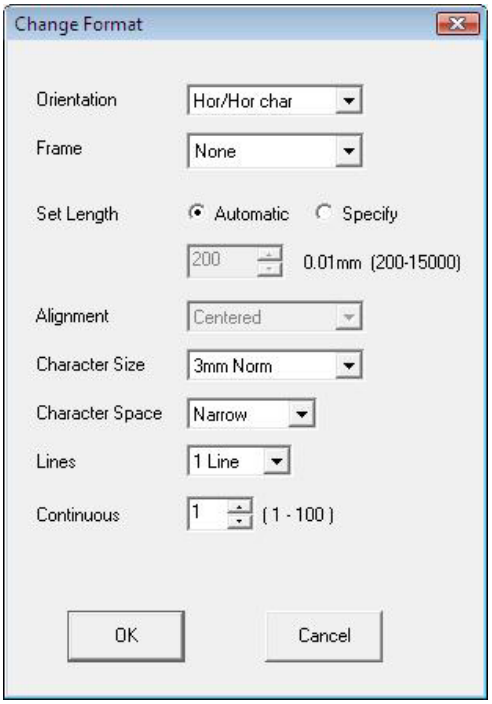
This section describes format setting items and settings procedures.
You can set formats for individual pages, and there is also a default format used when creating or inserting new pages.
There procedure for setting a format for an individual page is described here. The procedure for setting the default format is the same.

❖ If you try to change the different page format by selecting more than one page in the data list, the settings will revert to the unset state (become blank settings).

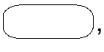
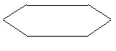
1 In the data list, select the page whose format you want to change, and then select [Format Setting] – [Page Setting] from the [Edit] menu.
(To change the default format, select [Format Setting] – [Default Setting] from the [Edit] menu.)

The Change Format or Default Setting dialog box appears.

2 Set each of the items.



[Orientation]: Selects the orientation for printing.
Select from Hor/Hor char, Vert/Vert char or Vert/Hor char.
The default at installation is [Hor/Hor char].
❖ [Vert/Hor char] print is only available when there are no characters input.

[Frame]: Selects the type of frame to surround the characters.
Select from None, ,  ,  , or .
The default at installation is [None].
❖ When the cut length is less than 6 mm, you cannot select a frame.

[Set Length]: Selects the length of tube to be cut.
With [Specify] selected, you can specify a length from 2-150mm.(input value 200-15000)
Select this to calculate the character string length from the character size, character space, frame and lines and fit the character string within the set length.
The default at installation is [Automatic].

❖ The decimal part of the specified value is automatically adjusted in units of 0.25 mm according to the specifications of the printer. To confirm the set length after the adjustment, click [OK] in step 3 to close the Change Format dialog and see the value in [Set Length] on the main screen.

❖ When set length is set to a value less than 8.5 mm, the specifications for printing depend on the media type. Refer to "Printing with [Specify] Specified for Set Length" (P.33).

[Alignment]: Selects way in which characters are aligned.
Select either Centered, Left 2mm, Left 3mm, Left 4mm or Left 5mm.
The default at installation is [Centered].

❖ If you select [Automatic] for [Set length], you cannot select a character alignment.

❖ When set length is set to a value less than 8.5 mm, the specifications for printing depend on the media type. Refer to "Printing with [Specify] Specified for Set Length" (P.33).

[Character Size]: Selects the size of the characters.
Select either 1.3mm Norm,2mm Half, 2mm Norm, 3mm Half, 3mm Norm, 6mm Half or 6mm Norm.
The default at installation is [3mm Norm].

[Character Space]: Selects the space between characters.
Select from Narrow, Medium, or Wide.
The default at installation is [Narrow].

[Lines]: Selects the number of lines.
Select either 1 Line,2 Lines or 3 Lines.
The default at installation is [1 Line].

❖ When [Character Size] is set to [6mm Half] or [6mm Norm], the number of lines is automatically set to 1 line. (You cannot change the number of lines.)

❖ You can select [3 Lines] only when [Character Size] is set to [1.3mm Norm].

[Continuous]: Selects the number of items to be printed.
Select from 1-100.
The default at installation is [1].

3 Click the [OK].

The set length check takes place.

- If there is a page to which the specified settings cannot be applied, a message asking whether to apply the changes only to those pages that can be changed.
- If the settings cannot be applied to any pages, "Cannot modify." appears.

❖ During actual printing, the printer may automatically change the settings made at data creation according to the printing media type in order to maintain the required print quality. Refer to "Printing with [Specify] Specified for Set Length" (P.33).

■ Printing with [Specify] specified for Set length

When set length is set to a value less than 8.5 mm, the specifications for printing are as follows:

Media	**Specifications applied when Set length is set to a value less than 8.5 mm**
Terminal I.D.	You can specify a set length but you cannot select a character alignment.
Label	You can specify a set length but you cannot select a character alignment mode. ❖ When characters are printed with "Half Cut On" selected, characters may not be aligned to the center.
Tube Shrink Tube 4mm I.D. Strip Clear Tube Wrap Around	Even if a set length is specified on the Change Format screen, actual printing is performed assuming that [Automatic] is selected. (The left and right end margins are 2.0 mm or more respectively.) ❖ The printer automatically adjusts the set length according to the printing media type to maintain the required print quality.

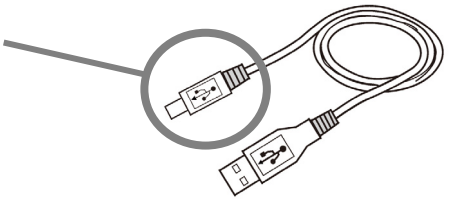
4.6 Remote Operation

You can print characters on the media specified from M-1 Pro III PC or save the data in the printer's document area.
To control the printer remotely, connect it to the computer in advance.

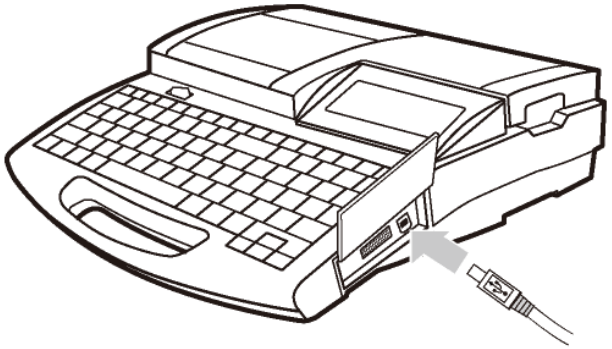
Connecting the Printer and Computer

1 Connect the USB cable to the printer and the computer.

Connect this plug to the printer.



USB cable



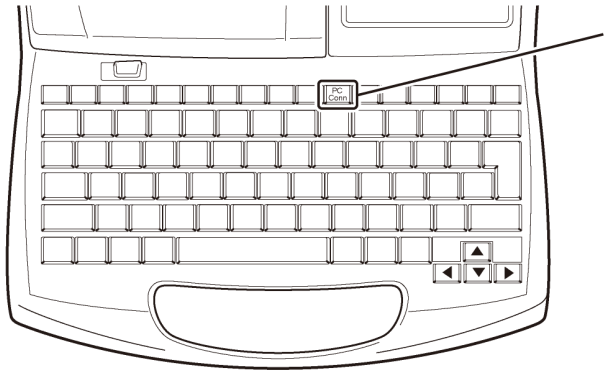
Insert in the USB jack on the right side of the printer.

Starting Printing

1 Connect the USB cable to the printer and the computer.

For how to connect the USB cable, refer to "Connecting the Printer and Computer" (P.34).

2 Power the printer on. When the character input display appears, press the [PC Conn] key on the printer.



Character input display

The printer is in the standby state

3 From M-1Pro III PC, open the file you want to send to the printer.

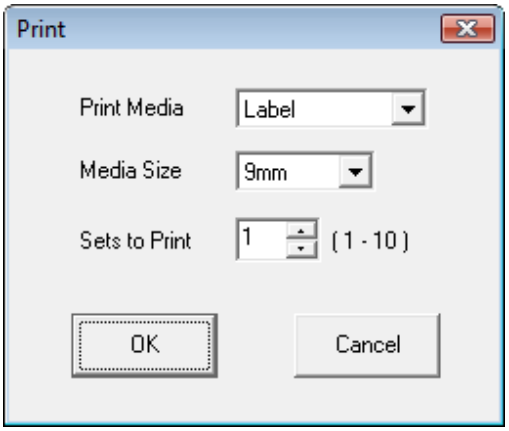
To send the existing data, open the file according to "Opening Exiting Files" (P.23).

4 Select [Start Print] from the [Remote] menu.

The Print dialog box appears.

5 Set each of the items.

❖ While M-1 Pro III PC is running, the previous settings used are displayed as default settings.



[Print Media]: Selects the type of printing media.
Select either Tube, Shrink Tube, Label, 4mm I.D. Strip, Clear Tube, Wrap Around or Terminal I.D.

[Media Size]: Selects the size of printing media.
The sizes you can select depend on the type of printing media used.

Tube	:2.5, 3.0, 4.0, 5.0, 6.0 or 6.5mm
Shrink Tube	:3.0, 3.2, 4.8, 6.0 or 6.4mm
Label	:6.0, 9.0, 12.0mm
4mm I.D.Strip	:Size not selectable.
Clear Tube	:2.5, 3.0, 4.0, 5.0, 6.0 or 6.5mm
Wrap Around	:Size not selectable.
Terminal I.D.	: 8.0, 8.5, 9.0, 9.5 or 10.0mm

[Sets to Print]: Selects the number of items to be printed.
Select from 1-10.

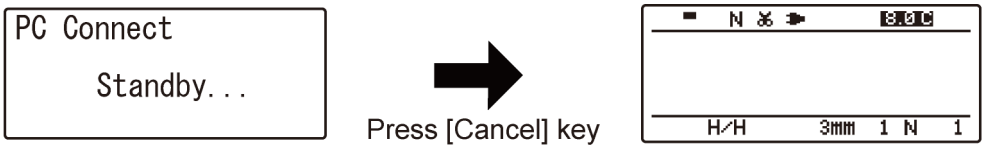
6 Click the [OK].

The data is sent to the printer

- Click the [Cancel] to cancel printing and return to the main screen.

❖ During actual printing, the printer may automatically change the settings made at data creation according to the printing media type in order to maintain the required print quality. Refer to "Printing with [Specify] Specified for Set Length" (P.33).

❖ To use the printer after sending data, you need to cancel the standby state (ready for data reception) of the printer. Make sure that the printer is not receiving data, and then press the [Cancel] key. When the character input display appears, you can operate the printer.



The printer is in the standby state

Character input display (The standby state has been canceled.)

Saving Print Data

Go through the procedure for saving the character data you created using the M-1Pro III PC in the file in the printer.

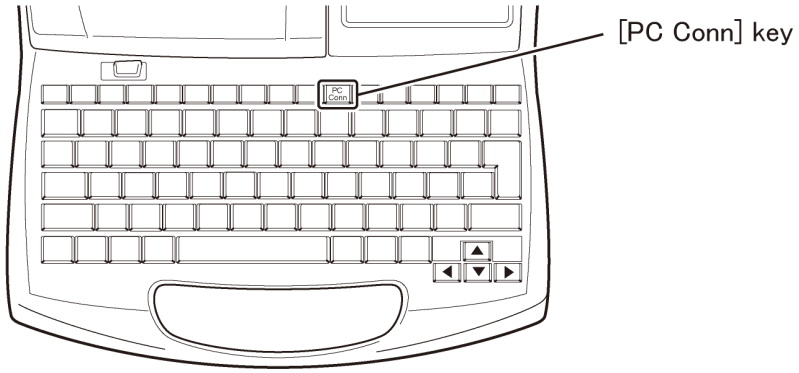
You can save character data and the following character settings:

- Format Settings (4.5 Format Settings (P.31))
- Numbering Settings (4.4 Creating Numbering (P.30))

1 Connect the USB cable to the printer and the computer.

For how to connect the USB cable, refer to "Connecting the Printer and Computer" (P.34).

2 Power the printer on. When the character input display appears, press the [PC Conn] key on the printer.



Character input display

The printer is in the standby state

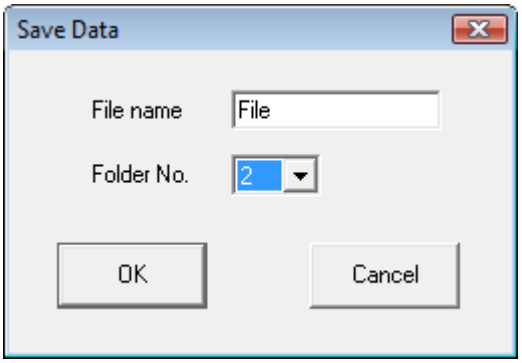
3 From M-1Pro III PC, open the file you want to send to the printer.

To send the existing data, open the file according to "Opening Exiting Files" (P.23).

4 Select [Save Data] from the [Remote] menu.

The Save Data dialog box appears.

5 Set each of the items.



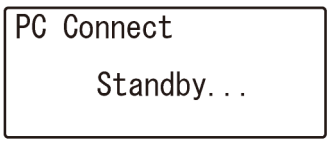
[File name]: Inputs the file name.
[Folder No.]: Selects the folder number (from 1-3) for saving data.

6 Click the [OK].

The file name you specified, folder number and save command are sent to the printer.

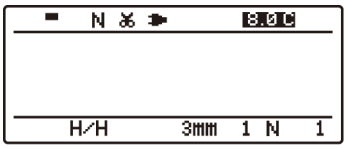
- Click the [Cancel] to cancel data saving and return to the main screen.

❖ To use the printer after sending data, you need to cancel the standby state (ready for data reception) of the printer. Make sure that the printer is not receiving data, and then press the [Cancel] key. When the character input display appears, you can operate the printer.



The printer is in the standby state

Press [Cancel] key



Character input display (The standby state has been canceled.)

Saving the Backup Data

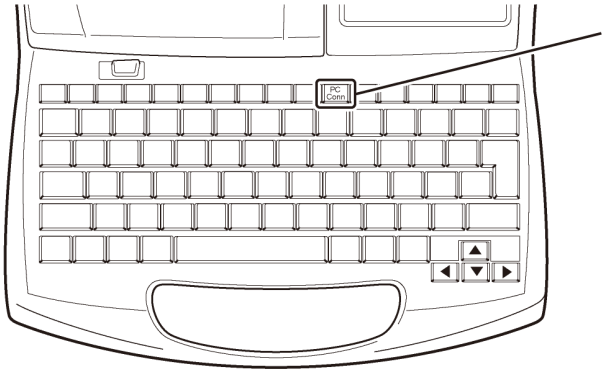
Save the backup data of the files stored in the printer to the computer or write backup data to the printer.

■ Saving the Backup Data to the Computer

1 Connect the USB cable to the printer and the computer.

For how to connect the USB cable, refer to "Connecting the Printer and Computer" (P.34).

2 Power the printer on. When the character input display appears, press the [PC Conn] key on the printer.



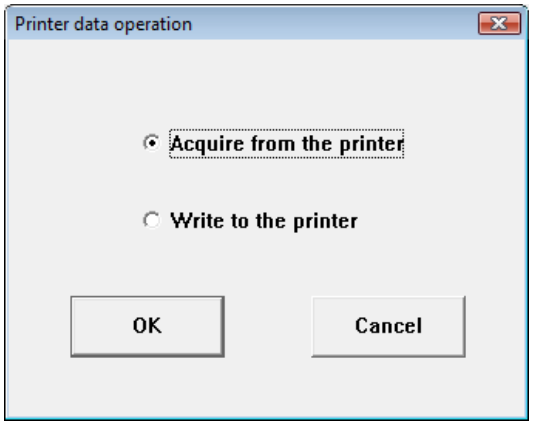
Character input display

The printer is in the standby state

3 Open the M-1Pro III PC, and then select [Printer data operation] from the [File] menu.

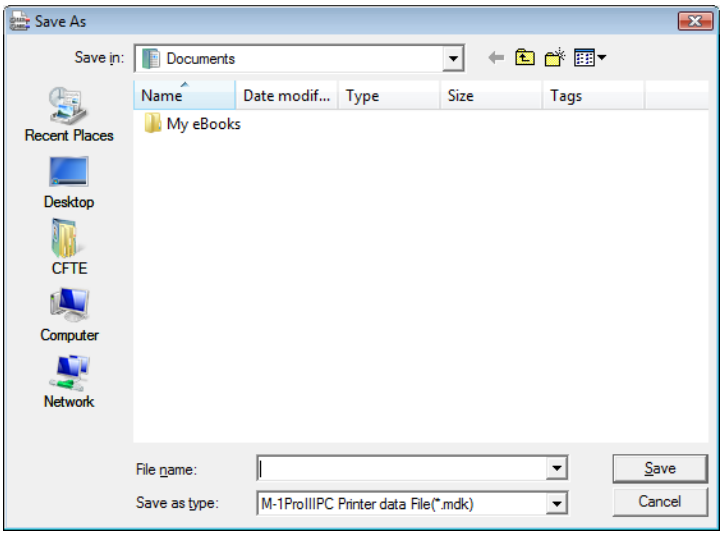
The Printer data operation dialog box appears.

4 Select [Acquire from the printer], and then click [OK].



5 The [Save As] dialog box appears.

Input the file name, and then click the [Save].

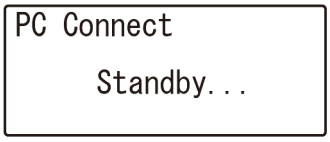


[M-1Pro III PC Printer data File (.mdk)]:
Save all files stored in the printer to the computer together.

❖ The M-1Pro III PC Printer data File (.mdk) cannot be opened on the computer.

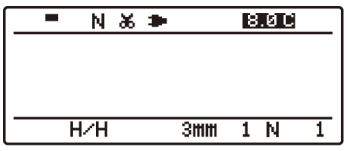
6 Data is acquired from the printer and stored in the computer as a file with the specified file name.

❖ To use the printer after sending data, you need to cancel the standby state (ready for data reception) of the printer. Make sure that the printer is not receiving data, and then press the [Cancel] key. When the character input display appears, you can operate the printer.



The printer is in the standby state

Press [Cancel] key



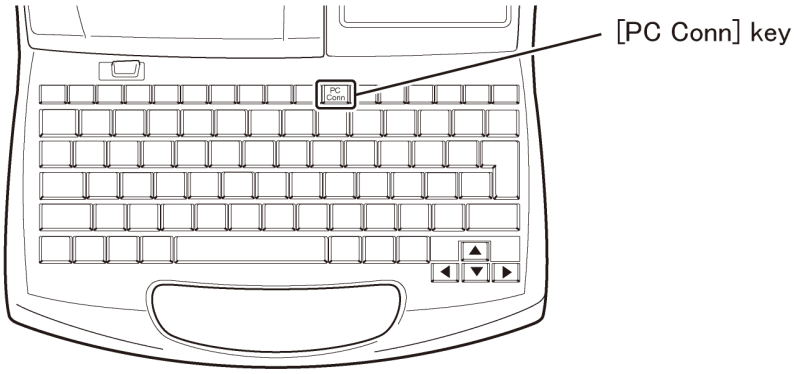
Character input display
(The standby state has been canceled.)

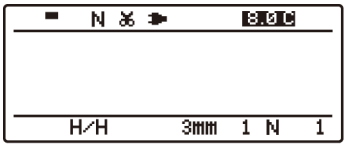
■ Writing the Backup Data to the Printer

1 Connect the USB cable to the printer and the computer.

For how to connect the USB cable, refer to "Connecting the Printer and Computer" (P.34).

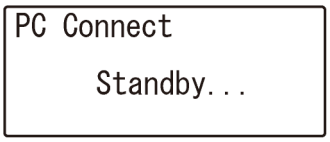
2 Power the printer on. When the character input display appears, press the [PC Conn] key on the printer.





Character input display

Press [PC Conn] key

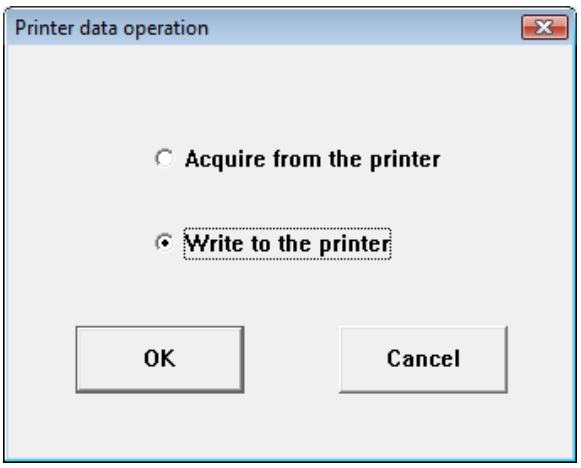


The printer is in the standby state

3 Open the M-1Pro III PC, and then select [Printer data operation] from the [File] menu.

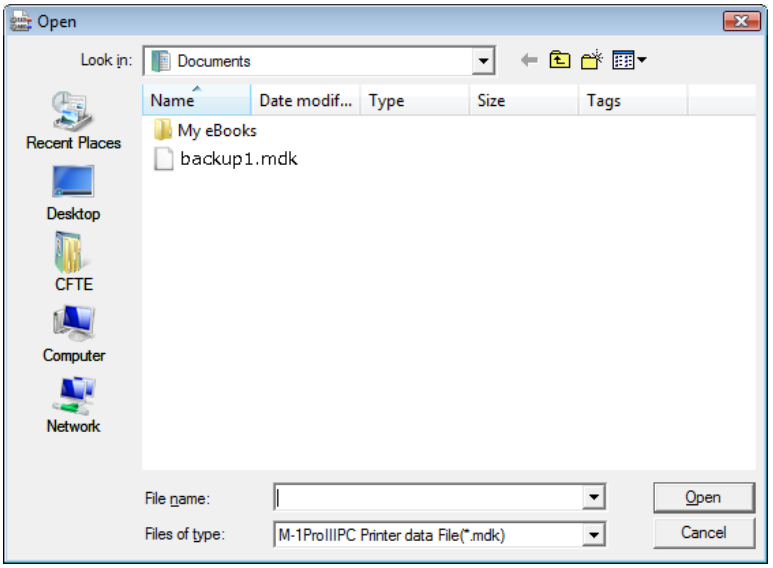
The Printer data operation dialog box appears.

4 Select [Write to the printer], and then click [OK].

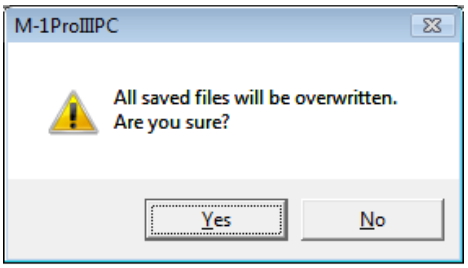


5 The Open dialog box appears.

Select the M-1Pro III PC Printer data File (.mdk), and then click [Open].



6 A message appears to ask whether all files stored in the printer are to be overwritten.

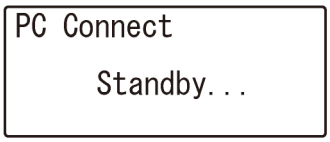


[Yes]: Backup data is sent to the printer.

[No]: The data is not saved.

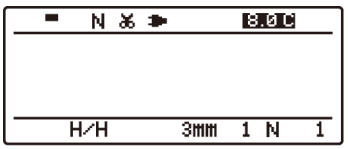
7 Backup data is saved in the printer.

❖ To use the printer after sending data, you need to cancel the standby state (ready for data reception) of the printer. Make sure that the printer is not receiving data, and then press the [Cancel] key. When the character input display appears, you can operate the printer.



The printer is in the standby state

Press [Cancel] key



Character input display (The standby state has been canceled.)

5. How to Use the Status Monitor

Use the Status Monitor to monitor the status of the printer and status of print jobs in progress.

5.1 Setting up the Status Monitor

This section describes how to start and display the Status Monitor.

❖ With default, Status Monitor starts automatically every time a print job starts.

1 Click the button (Start), and select [Control Panel] – [Hardware and Sound] – [Printers].

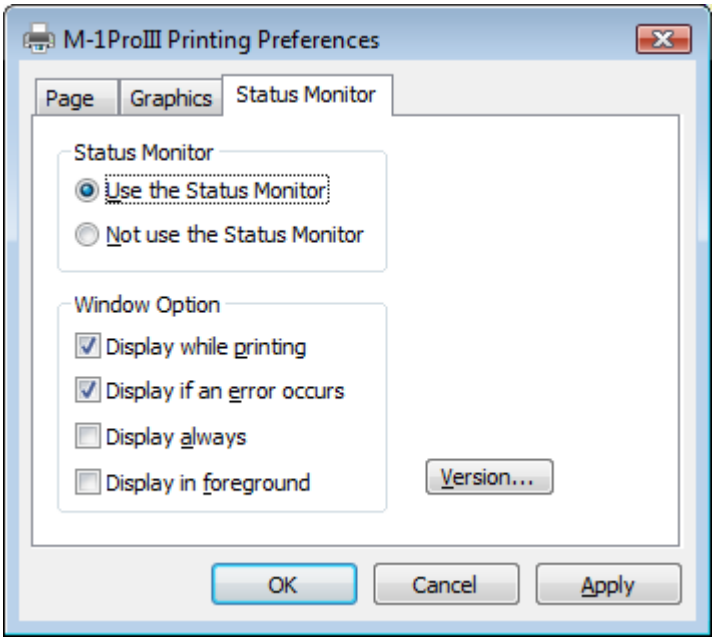
- ♦ Windows XP
  Click the [Start], and select [Printers and Faxes].
- ♦ Windows 2000
  Click the [Start], and select [Settings] – [Printers].

2 Right-click the M-1Pro III icon, and then select [Printing Preferences…].

The Printing Preferences dialog box appears.

3 Click the [Status Monitor] tab.

4 Set each of the items.



[Status Monitor]
[Use the Status Monitor] :
The Status Monitor is displayed. (This is the default setting.)
[Not use the Status Monitor] :
The Status Monitor is not displayed.
[Window Option]
[Display While printing] :
The Status Monitor automatically starts and displays when a print job starts. Other windows are minimized. (This is the default setting.)

［Display if an error occurs］ :
The Status Monitor automatically starts and displays when an error occurs. Other windows are minimized. (This is the default setting.)
［Display always］ :
The Status Monitor is held active, that is, it is always displayed while printing is in progress or even when no error is detected.
［Display in foreground］ :
Always display the open Status Monitor window in the foreground even when the windows of other software applications are open.
［Version］ :
Follow this procedure to confirm the printer driver version and copyright information. Click [Version…] to open the Version dialog box.

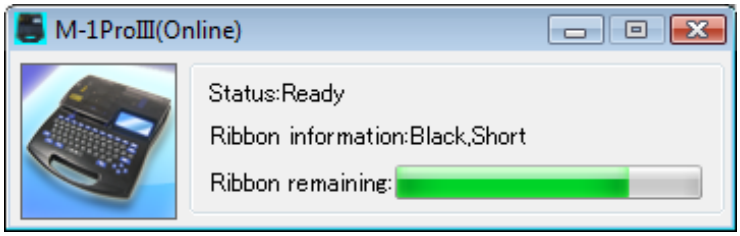
5 Click the [OK].

■ Precautions for Making Changes to the Printing Settings Using the Printer Driver

Do not make changes to the printing settings in the Page and Graphics sheets of the Printing Preferences dialog box of the printer driver. The changes are not reflected in the printing performed from the M-1Pro III PC.

5.2 Using the Status Monitor

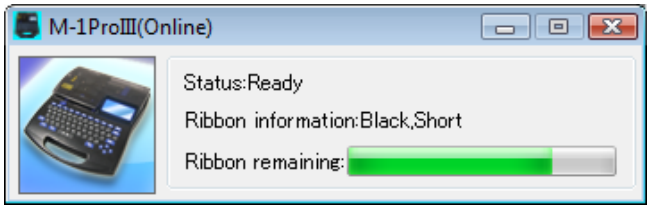
Use the Status Monitor to not only monitor the status of print jobs in progress but also monitor the status of the printer and the level of the remaining ink ribbon.



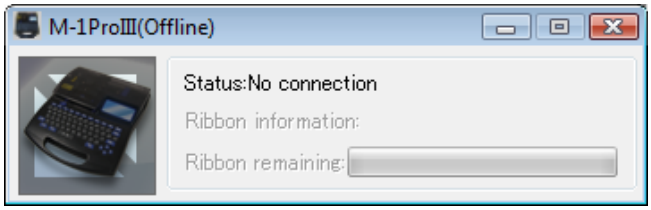
［Status］ :
Messages to inform you about the current status of the printer.
［Ribbon information］ :
Display the ribbon cassette information.
［Ribbon remaining］ :
Rough amount of the remaining ink ribbon is displayed as shown. When the information of the cassette is not properly retrieved, the amount of the ribbon does not appear.

Viewing the Printer Status

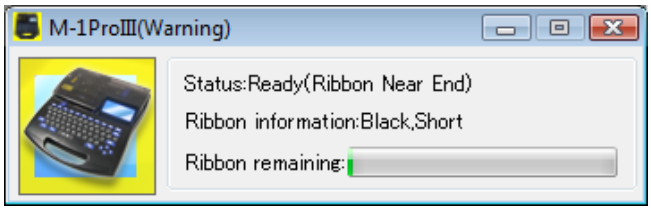
There are four types of images to keep you informed about the status of the printer.



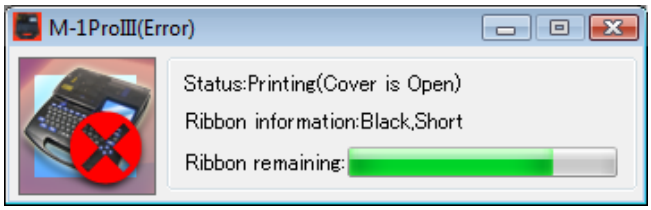
Displayed to indicate the normal mode.
The printer is in the online mode and ready to print.



Displayed to indicate that the printer is in the offline mode.



Displayed when a warning has been issued.
A warning message is displayed for the Status but printing can continue. Troubleshoot the problem as required.



Displayed when an error has been issued.
An error message is displayed for the Status, and printing cannot be done in this status. Troubleshoot the problem as required.

Message List

If a trouble occurs with the printer connected, an error message or a warning message is displayed on the Status Monitor.

Message	Description	Action
No media.	An attempt was made to print while no printing media has been loaded.	Load the print media.
End of media.	The end of the printing media was reached while printing was in progress.	Take out the printing media from the printer, and replace it with new printing media.
End of ribbon.	The end of the ribbon cassette was reached while printing was in progress.	Install a new ribbon cassette.
Start of media not detect.	An operation was attempted while the printing media was not inserted properly.	Take out the printing media, reinstall it correctly,
No ribbon cassette.	An attempt was made to print while no ribbon cassette was installed.	Install a ribbon cassette.
Cutter initialization error	It is impossible to initialize the cutter position for some reason.	Power the printer off and on again.If the same message appears again, contact your nearest dealer.
Media JAM	Tube or label tape is jammed.	Remove the jammed printing media according to “If a Tube or Label Tape Becomes Jammed” in the M-1Pro III User's Guide.
Cover is open	An operation was attempted while the cover was open.。	Close the cover.
Feeder error.	An error occurred in the optional tube feeder due to some cause.	Consult the User's Manual for the tube feeder.
Head home sensor error	It is impossible to move the print head to the printing position for some reason.	Power the printer off and on again.If the same message appears again, contact your nearest dealer.
Head initialization error	It is impossible to initialize the print head position for some reason.	Power the printer off and on again.If the same message appears again, contact your nearest dealer.
Ribbon near end	Remaining ribbon is low when printing. (approximately 10m remaining)	Have a new ribbon cassette ready. Replace with new ribbon cassette if printing a long document.
USB I/O error	A communication error has occurred.	Check connections again. Power the computer and printer off and on again.