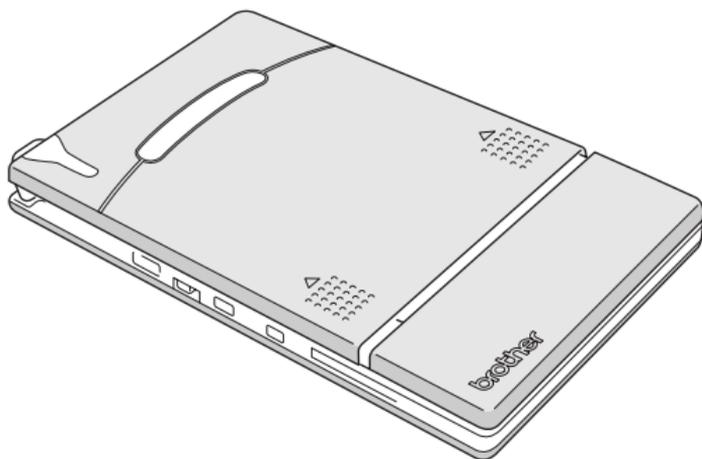


brother[®]
At your side.

Software Guide

MPRINT

MW-140BT
Mobile Printer



- Before using this printer, be sure to read this User's Guide.
- We suggest that you keep this manual in a handy place for future reference.

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- The Bluetooth® word mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by Brother Industries, Ltd. under license.
- Portion of graphics filter software are based in part on the work of Group 42, Inc.
- Portion of graphics filter software are based in part on the work of the Independent JPEG group.
- VS-FlexGrid Pro Copyright(C) 1999 VideoSoft Corporation.
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- PrintPocketCE for Brother MW-100 by FieldSoftware Products. For additional Pocket PC printing utilities, visit '<http://www.fieldsoftware.com>'.

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1 Operating Environment

This mobile printer can print data from a computer running Windows® or a Pocket PC (PDA running Pocket PC).

Computer running Windows®

In order to use this printer, make sure that your system configuration meets the following requirements.

■ PC operating environment

Processor	Pentium 266 MHz or higher recommended
Operating system	Microsoft® Windows® 98, 98 SE, Me, 2000 Professional or XP
Interface	Compliant with USB Ver. 1.1 Compliant with Bluetooth ver.1.1 class 2 serial port profile supports as standard*1
Available Memory	64 MB or more recommended
Hard disk free space	Minimum 20 MB



*1 For information on computers running Windows® and Bluetooth adapters whose operation have already been verified, check our Web site at <http://www.brother.com>.

To print data from a computer running Windows® → Refer to page 4.

Pocket PC (PDA running Pocket PC)

In order to use this printer, make sure that your Pocket PC meets the following requirements.

■ Pocket PC operating environment

Processor	ARM or MIPS (Not compatible with SH; Pocket PC 2002 is compatible only with ARM.)
Operating system	Microsoft® Pocket PC Microsoft® Pocket PC 2002
Interface	Compliant with USB Ver. 1.1 Compliant with Bluetooth ver.1.1 class 2 serial port profile supports as standard*1
Support profile	Serial Port

- When installing the software, a computer running Windows® that can connect to the Pocket PC will be needed.

To print data from a Pocket PC → Refer to page 19.



***1** For information on Pocket PCs whose operation has already been verified, check our Web site at <http://www.brother.com>.

2 Printing Data from a Computer Running Windows

In order to use this printer to print data from a computer running Windows®, the software must be installed on the computer.

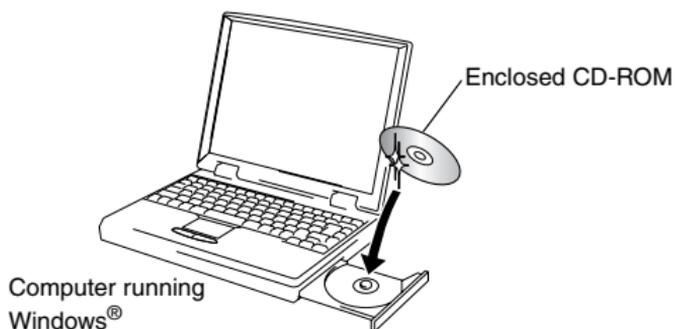
■ Printing data via Bluetooth communication

- 1** Before installing the Brother's software, install Bluetooth connection software to a computer running Windows®.

For details on the Bluetooth device operation, refer to the instruction manual for the device with Bluetooth technology, such as computer, the adapter for Bluetooth connection, or the software managing the Bluetooth connection.

- 2** Install the software and printer driver on the computer installed Bluetooth technology.

→ Refer to pages 8 to 11.

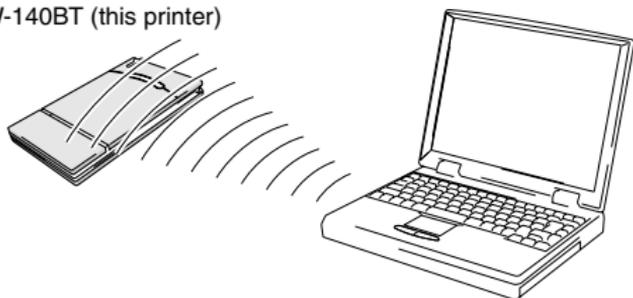


- 3** Make a connection between the computer and printer.

→ Refer to page 6.

4 Print out.

MW-140BT (this printer)



Computer running
Windows®

■ Printing data via USB communication

1 Install the software and printer driver on the computer running Windows®.

→ Refer to pages 8 to 10, and pages 12 to 14.

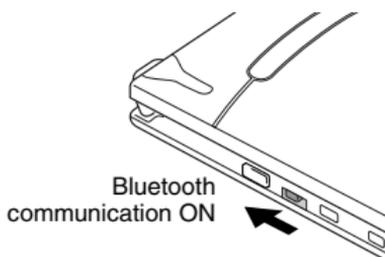
2 Print out.

Communication using Bluetooth technology

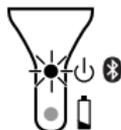
In order for this printer to communicate using Bluetooth technology with the computer running Windows® or the Pocket PC, various Bluetooth settings must be specified.

The following instructions show you the basic procedures for make a Bluetooth communication. For details, refer to the instruction manual for your Bluetooth device.

- 1** Set the Bluetooth switch to ON.



→ The status indicator light will be blue.



- 2** Run the Bluetooth connection software on the computer running Windows® or the Pocket PC.
- 3** The computer running Windows® or the Pocket PC searches for Bluetooth devices and the printer is detected.

→ "MW-140BTxxxx" is detected. "xxxx" is a last 4 digit of its serial number.

- 4** Select this printer from the list of devices.

→ The screen to enter the "PIN code" (or "Pass key") appears only the first time that the computer running Windows® or the Pocket PC is connected to the printer.

5 Enter the “PIN code” (or “Pass key” at the time of shipment, the PIN code is set to the last four digits of the serial number of the printer) and click/tap the Enter button.

→ “Connected device Yes” appears on the Device information screen.

6 Click/tap Connect **Serial Port** in the Operations menu.

→ “Connected to serial port” appears on the Device information screen.

→ **Note the COM port number when it appears (The COM port number may be required when printing depending on the type of the computer or the pocket PC).**

Installing the software



- Do not connect this printer to the computer until you are instructed to do so.

1 Insert the enclosed CD-ROM into the CD-ROM drive of the computer running Windows®.

- The installer automatically starts up and the Brother Select Language dialog box appears.
- If the installer does not automatically start up, double-click “My Computer”, and then choose the “CD drive”  and double-click the “setup.exe” file.

2 Select the language, and then click the OK button.

- The Brother Mobile Software screen appears.



3 Click the top button (Windows).

- A dialog box appears, allowing you to select what to install.



4 Click the button for the software that you wish to install.

Here, click the button for the Spotsnap software.

→ The Driver Setup dialog box appears.



■ Software packages that are installed

Software		Description
Spotsnap Software	Spotsnap Operator	Software for editing imported data
	Snapper	Software for grabbing images, text or copied data from the PC screen into Spotsnap Operator
	Templates	Samples of pre-formatted layouts
	Help	On-screen operating guide
Printer Driver (The MW-140BT Utility software will be installed at the same time.)		Software for printing with this printer or changing the settings for this printer

5 Follow the instructions that appear to finish the installation.

Next, the printer driver is installed.

The installation procedure for the printer driver differs depending on the operating system being used.

Select “USB” or “Bluetooth,” and then click the OK button.



For Bluetooth communication → Continue with the procedure on the next page.

For Windows® 98, 98SE, 2000 or Me with USB → Go directly to the procedure on page 12.

For Windows® XP with USB → Go directly to the procedure on page 13.

For computer running Windows® (Bluetooth connection)

6 Check the “Install”, and then click the next button.

→ Installing the printer driver is started.



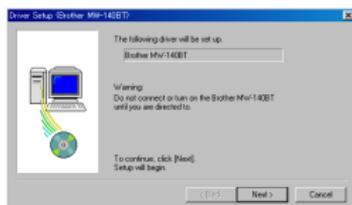
7 Select the COM number you are using as Bluetooth connection, and then click the next button.

→ Follow the instructions appeared on the screen, and finish installing.

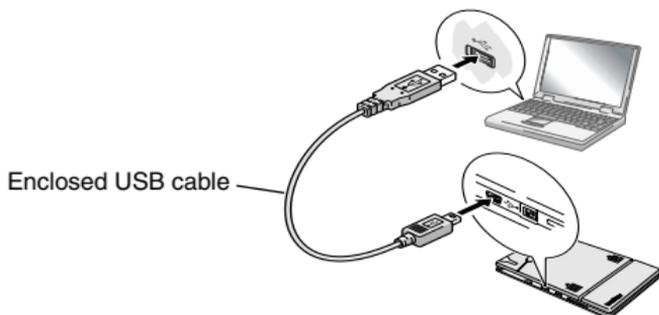


For Windows® 98, 98 SE, 2000 Professional, or Me (USB connection)

6 When the message “Connect Brother MW-140BT, and then turn it on.” appears, use the enclosed USB cable to connect this



printer to the computer running Windows®, and then turn on the printer.

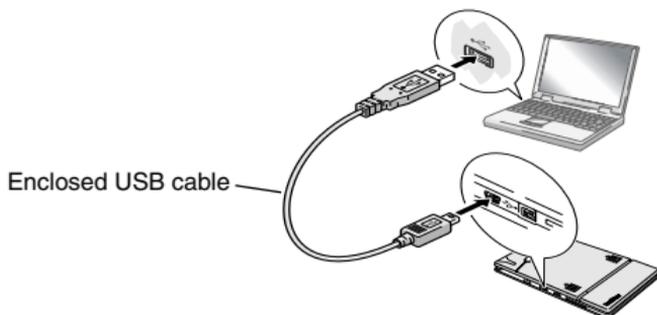


→ The printer driver is installed.

→ Continue with “Printing” on page 15.

For Windows[®] XP (USB connection)

6 When the message “Connect Brother MW-140BT, and then turn it on.” appears, use the enclosed USB cable to connect this printer to the computer running Windows, and then turn on the printer.



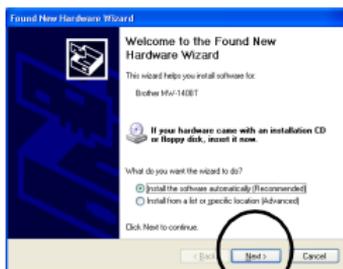
→ The Found New Hardware Wizard dialog box appears.



- If a dialog box allowing you to select a model appears, make sure that **MW-140BT** is selected, and then click the Next button.

7 Select **Install the software automatically (Recommended)**, and then click the Next button

→ A dialog box appears, warning that the software has not passed Windows Logo testing.



8 Click the Continue Anyway button.



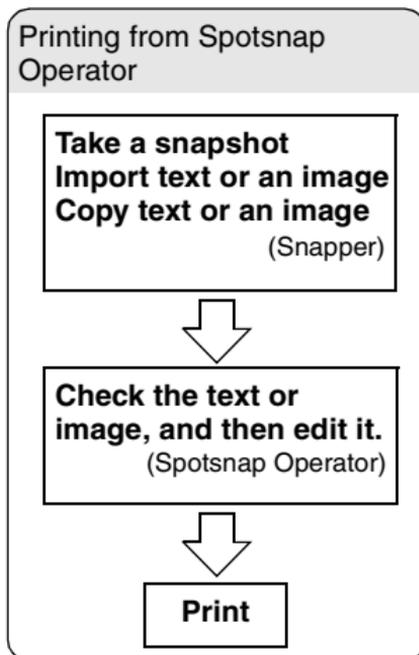
- Since this driver has been tested thoroughly by Brother, no problem should be found during normal operation.

Follow the instructions that appear to finish the installation.

Printing

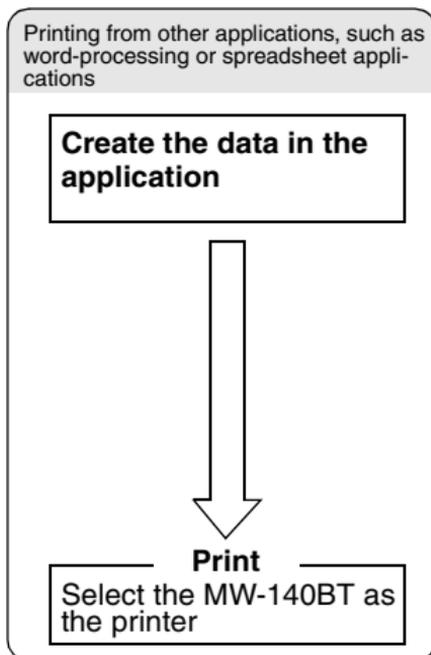
This printer can be used to print in two different ways.

DIRECTLY FROM PC SCREEN



→ Refer to the PDF manual on the CD-ROM.

DIRECTLY FROM WINDOWS SOFTWARE PACKAGES



→ Refer to page 16.



Printing begins

Printing from other applications

If this printer is selected for printing, it can be used to print data from other applications, such as word-processing or spreadsheet applications.



- This printer is not compatible with some applications. For details on compatible applications and for information on the newest printer driver, check our Web site at <http://www.brother.com>.

Selecting the MW-140BT as the printer and printing

The procedure for Excel 2000 will be described as an example.

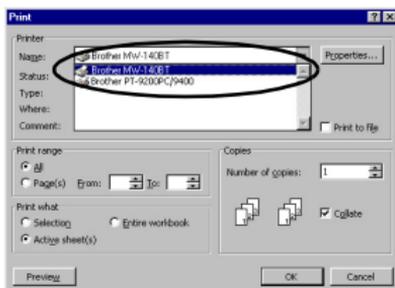
1 Create the required data with Excel 2000.

2 On the File menu, click **Print**.

3 From the Printer list, select **Brother MW-140BT**.

4 Click the OK button.

→ The data is sent to the printer and printed.



- The data that is to be printed should be adjusted to the size of the paper. For example, if the paper size is changed from A4 to A7, the data must be adjusted to fit in the A7-size page.

Uninstalling the software

If this printer will no longer be used on the computer, the Spotsnap software and the printer driver can be uninstalled.

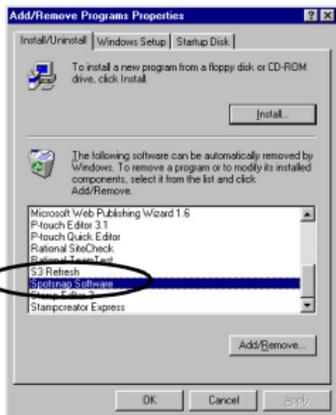
Uninstalling (removing) the Spotsnap software

The procedure for Windows[®] 98 will be described as an example.

- 1 Click the Start button, select **Settings**, click **Control Panel**, and then double-click  in Control Panel.

→ The Add/Remove Programs Properties dialog box appears.

- 2 Select **Spotsnap Software**, and then click the **Add/Remove** button. Follow the instructions that appear to finish the uninstallation.



Uninstalling (removing) the printer driver

- 1 Click the Start button, select **Settings**, and then click **Printers**.

→ The Printers dialog box appears.

- 2 Right-click  Brother MW-140BT .

→ A pop-up menu appears.

- 3 Select **Delete**.

→ The printer driver is deleted.



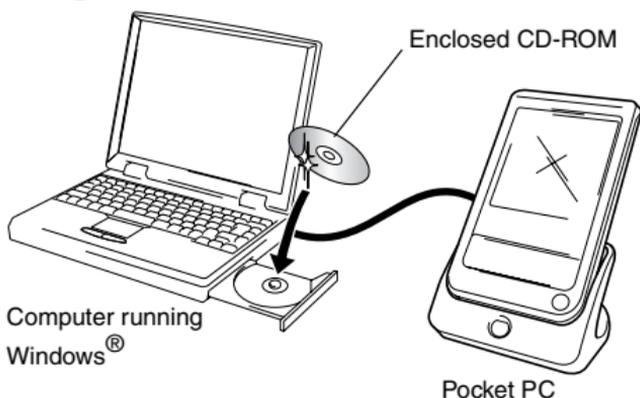
- In order to use this printer from a computer, the software must be installed again.

3 Printing Data From a Pocket PC

In order to use this printer to print data from a Pocket PC (PDA running Pocket PC), a computer running Windows® must be used to install the software onto the Pocket PC.

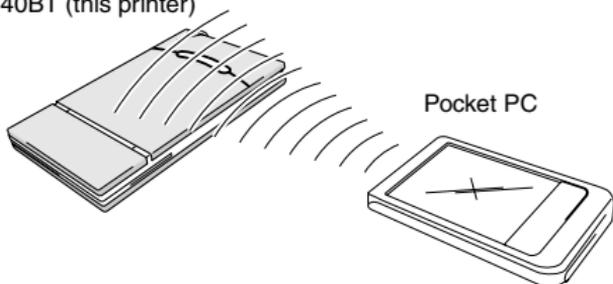
- For details on ActiveSync®, Bluetooth, or on connecting the Pocket PC to a computer running Windows®, refer to the instruction manual for the Pocket PC.
- Install Bluetooth connection software to the Pocket PC before attempting to communicate using Bluetooth.

■ Installing the software onto a Pocket PC



■ Connecting the printer to the Pocket PC using Bluetooth/Printing (→ Refer to page 6)

MW-140BT (this printer)



Installing the software

1 Insert the enclosed CD-ROM into the CD-ROM drive of the computer running Windows®.

- The installer automatically starts up and the Brother Select Language dialog box appears.
- If the installer does not automatically start up, double-click “My Computer”, and then choose the “CD drive”  and double-click the “setup.exe” file.

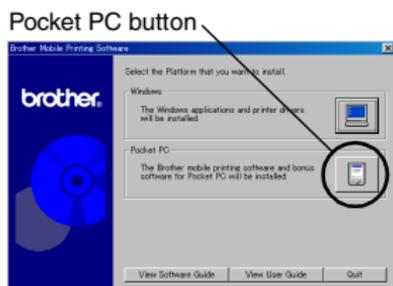
2 Select the language, and then click the OK button.

- The Brother Mobile Software screen appears.



3 Click the second button (Pocket PC).

- The PocketPC Setup dialog box appears.



4 Click the button for installing the Brother mobile printing software.

→ A dialog box appears, allowing you to select either “Pocket PC” or “Pocket PC 2002”.



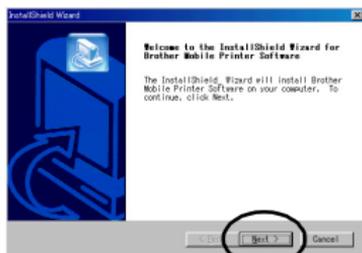
5 Click the button for the operating system that you are using.

→ The InstallShield Wizard starts.



6 Click either the Yes or No button.

Follow the instructions that appear to finish the installation.



Next button

■ Software packages that are installed

Software	Description	Setup Method	
		Standard	Compact
Common modules (The "MprintUtility" will be installed at the same time.)	Basic components of the software (The settings for this printer can be changed.)	○	○
Note Print	Prints memos saved with Notes	○	
Schedule Print	Prints schedules saved with Schedule	○	
Task Print	Prints tasks and appointments saved with Tasks	○	
Contact Print	Prints names, addresses and telephone numbers saved with Contact	○	○
Clipboard Print	Prints images and text moved to the Clipboard	○	
Screen Capture Print	Prints the currently displayed screen of the Pocket PC	○	○
Image File Print	Prints saved image files	○	
E-mail Print	Prints saved e-mails	○	
Help files	Operating guide that can be viewed on the screen of the Pocket PC	○	○

* For information on future updates, check our Web site at <http://www.brother.com>.

Printing

This printer has eight different printing functions.

1 Tap  on the Program screen.

→ The Brother MPrint screen appears.

2 Check that  Note Print ,

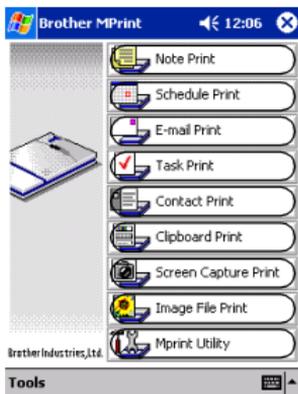
 Schedule Print ,  E-mail Print ,

 Task Print ,  Contact Print ,

 Clipboard Print ,  Screen Capture Print ,

 Image File Print and  MPrint Utility

appear in the screen.



■ Refer to the pages indicated below for more details on the corresponding printing function.

 Note Print

Note Print → page 24

 Schedule Print

Schedule Print → page 29

 Task Print

Task Print → page 32

 Contact Print

Contact Print → page 33

 Clipboard Print

Clipboard Print → page 34

 Screen Capture Print

Screen Capture Print → page 35

 Image File Print

Image File Print → page 37

 E-mail Print

E-mail Print → page 38

 MPrint Utility

MPrint Utility → page 41

Printing procedures

First, we will describe the procedure for using the Note Print. This procedure contains the basic steps for printing.

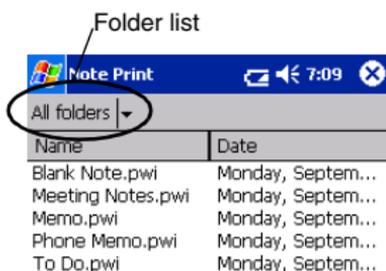
Note Print

Memos saved with Notes can be printed.

- 1 Tap  on the Brother MPrint screen.
→ A list of memos appears in the Note Print screen.

- 2 Tap the memo that you wish to print. Only one memo can be selected.

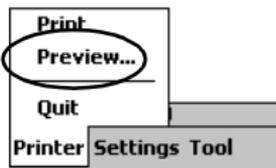
→ The selected memo is highlighted.



- To display the memos in each previously categorized folder, tap the folder list.

3 Tap **Preview** in the Printer menu.

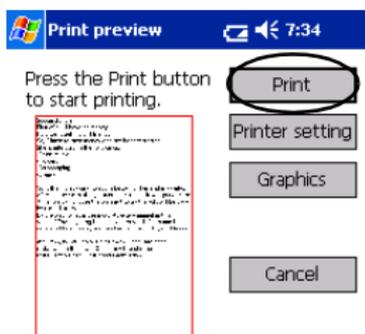
→ The Print preview screen appears.



- If **Print** was tapped, printing will begin without the Print preview screen being displayed.

4 Tap the Print button.

→ After the Pocket PC detects this printer, printing begins.



Direct the infrared port to the printer correctly.



- The printed layout may differ depending on the size of paper selected with **Printer setting**.
- The Print preview screen allows you to view an image of the data as it will be printed. Text may be difficult to read.
- At first time using Bluetooth communication, set a port as "COM x" for using Bluetooth connection referring next page.

Advanced settings

Precise print settings can be specified.

■ Printer settings

1 Tap **Printer setting** in the Print preview screen.

→ The Printer setting screen appears.

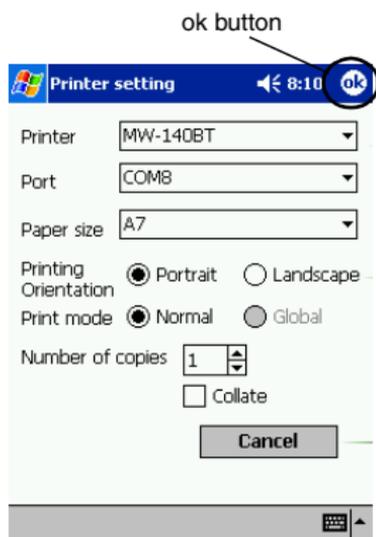
2 The following settings can be specified.

- Printer:
MW-140BT (this printer)
- Port^{*1}:
COM1, COM2,
COM3.../FILE/USB
- Paper size:
A7/Cut labels (4
Labels)/Cut labels (2
Labels)

The setting is

adjusted according to the paper cassette that is loaded into the printer.

- Printing orientation: Portrait/Landscape
- Print mode: Normal/Global
- Number of copies: 1 through 50/Collate



***1 Set a "COM x" as using Bluetooth connection.**

3 Tap .

→ The printer settings are applied.

■ Graphics-processing settings

1 Tap **Graphics** in the Print preview screen.

→ The Graphics processing screen appears.

2 The following settings can be specified.

- Half-tone:
Dithering/Error Diffusion/None
- Image processing:
Full-size printing/Fit to paper



3 Tap .

→ The graphics-processing settings are applied.

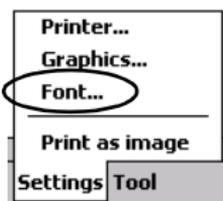


■ Text format settings

The font and size of the printed text can be changed.

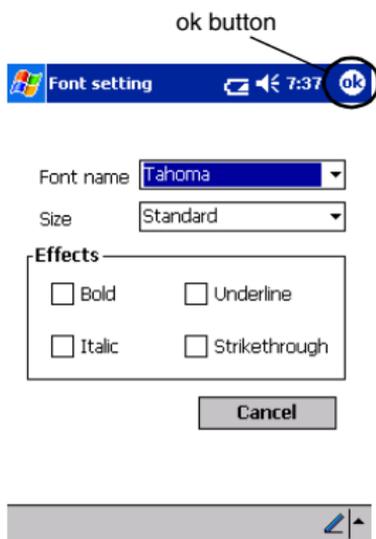
1 Tap **Font** in the Settings menu of the Note Print screen.

→ The Font setting screen appears.



2 The following text settings can be specified.

- Font name:
Tahoma/Courier New/Frutiger Linotype/Bookings
- Size:
Largest/Larger/Standard/Smaller/Smallest
- Effects:
Bold/Underline/Italic/Strikethrough



3 Tap .

→ The text format settings are applied.

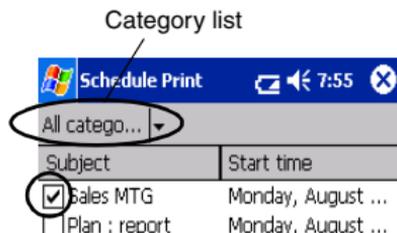
Schedule Print

Schedules saved with Schedule can be printed.

1 Tap  Schedule Print on the Brother MPrint screen.

→ A list of schedules appears in the Schedule Print screen.

2 Tap the box to the left of the schedule that you wish to print.
More than one schedule can be selected.



→ A check mark appears.



- The period of time to be printed can be specified.
(→ “Printing a specified date” on page 31)
- To display the schedules in each previously specified category, tap the category list.

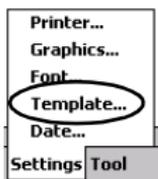
3 Tap **Preview** in the Printer menu.

The procedure continues in the same way as with the Note Print (→ page 24).

■ Template setting

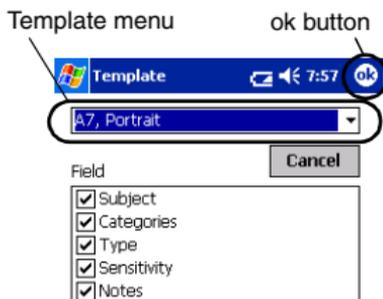
The layout in which data is printed can be specified.

1 Tap **Template** in the Settings menu of the Schedule Print screen.



→ The Template screen appears.

2 Select the template that you wish to use.



3 Tap .

→ The selected template is applied.

● Examples of templates

Two down

Group conference	
Location:	1st C room
Starts:	05 September, 2001 1:00 PM
Ends:	05 September, 2001 2:00 PM
Type:	Normal
Categories:	Business
Notes:	

Sales report	
Location:	3rd C room
Starts:	05 September, 2001 3:00 PM
Ends:	05 September, 2001 4:00 PM
Type:	Normal
Categories:	Business
Notes:	

Four down

Group conference	
Location:	1st C room
Starts:	05 September, 2001 1:00 PM
Ends:	05 September, 2001 2:00 PM

Sales report	
Location:	3rd C room
Starts:	05 September, 2001 3:00 PM
Ends:	05 September, 2001 4:00 PM

Meeting ABCD co.	
Location:	Co. Building
Starts:	05 September, 2001 4:30 PM
Ends:	05 September, 2001 5:30 PM

Welcome party	
Location:	Pub 2nd street
Starts:	05 September, 2001 7:00 PM
Ends:	05 September, 2001 9:00 PM

A7 portrait

Welcome party	
Location:	Pub 2nd street
Starts:	05 September, 2001 7:00 PM
Ends:	05 September, 2001 9:00 PM
Notes:	contact ; john 012-345-6789

Sensitivity:	Normal
Occurs:	Pattern once
Type:	Normal
Categories:	Personal

■ Printing a specified date

The period of time to be printed can be specified.

- 1 Tap **Date** in the Settings menu of the Schedule Print screen.



→ The Date screen appears.

- 2 Change the date setting.

- Start date/End date/ Inprogress
- Date



- 3 Tap .

→ The schedules included in the specified time period are displayed in the Schedule Print screen.



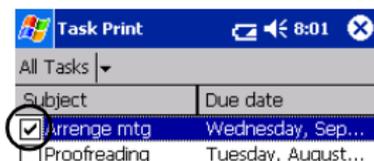
Task Print

Tasks and appointments saved with Tasks can be printed.

1 Tap  Task Print on the Brother MPrint screen.

→ A list of tasks appears in the Task Print screen.

2 Tap the box to the left of the task that you wish to print. More than one task can be selected.



→ A check mark appears.



- The period of time to be printed can be specified.
(→ “Printing a specified date” on page 31)
- The layout in which data is printed can be specified.
(→ “Template setting” on page 30)

The procedure continues in the same way as with the Note Print (→ page 24).

Contact Print

Names, address and telephone numbers saved with Contacts can be printed.

1 Tap  Contact Print on the Brother MPrint screen.

→ A list of contacts appears in the Contact Print screen.

2 Tap the box to the left of the contact that you wish to print.

More than one name can be selected.



→ A check mark appears.



- The layout in which data is printed can be specified.
(→ “Template setting” on page 30)

The procedure continues in the same way as with the Note Print (→ page 24).

Clipboard Print

The images and text moved to the Clipboard can be printed.



- The Clipboard is the name of the location where data that was cut or copied is stored.

1 Tap  Clipboard Print on the Brother MPrint screen.

→ The contents of the Clipboard appear in the Clipboard Print screen.

The procedure continues in the same way as with the Note Print (→ page 24).

Screen Capture Print

The currently displayed screen of the Pocket PC can be printed.

- 1** Tap  Screen Capture Print on the Brother MPrint screen.

→ A toolbar appears in the upper-right corner of the screen.

- 2** Display the screen that you wish to print.

- 3** Tap  on the toolbar.

→ The captured screen appears in the Print preview screen.



The procedure continues in the same way as with the Note Print (→ page 24).

■ Screen capture settings

The time until the data is imported and the size of the captured area can be specified.

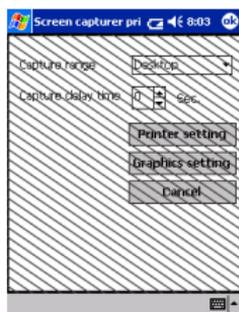
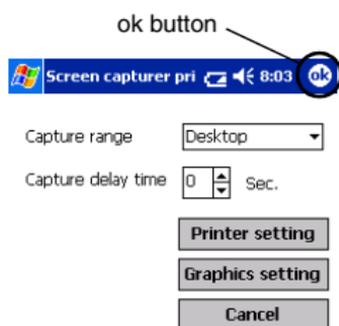
- 1** Tap  on the tool-bar.



→ The Screen capture print settings screen appears.

- 2** The following text settings can be specified.

- Capture delay time:
0 to 10 seconds
Specifies the length of time until the image is imported after  is tapped.
- Capture range:
- Selection range (Use the stylus to select the desired area.)/Client (Area indicated by  in the illustration at the right)/Desktop (Entire screen)



- 3** Tap .

→ The screen capture settings are applied.

Image File Print

Saved image files (in BMP, JPEG or PNG format) can be printed.

1 Tap  Image File Print on the Brother MPrint screen.

→ The Image File Print screen appears.

2 Select the file format of the image data to be searched for.

Select from the five available file formats.

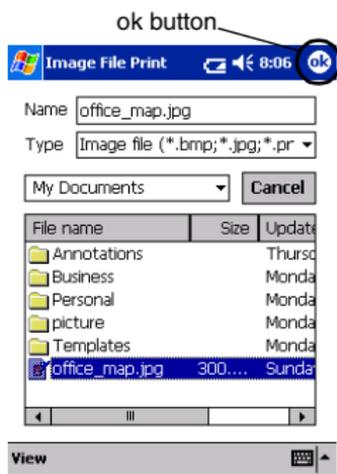
- Image file (BMP, JPG or PNG)
- Bitmap file
- Jpeg file (JPG or JPEG)
- Png file
- All files

3 Tap the image file that you wish to print.
Only one file can be selected.

→ The selected file is highlighted.

4 Tap .

→ The Print preview screen appears.



The procedure continues in the same way as with the Note Print (→ page 24).

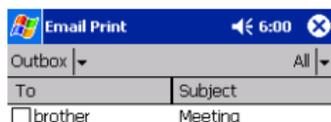
E-mail Print

Saved e-mails can be printed.

1 Tap  E-mail Print on the Brother MPrint screen.

→ A list of e-mails appears in the Email Print screen.

2 Tap the e-mail that you wish to print.
Only one e-mail can be selected.



→ The selected e-mail is highlighted.



- The layout in which data is printed can be specified.
(→ “Template setting” on page 30)

The procedure continues in the same way as with the Note Print (→ page 24).

Uninstalling the software

Uninstall (remove) the software using the Pocket PC functions. For details on uninstalling the software, refer to the instruction manual for the Pocket PC.

4 Changing Printer Settings

The following settings for this printer can be specified using the MW-140BT Utility “MPrintUtility” on the both Pocket PC and Windows PC.

- Auto power-off time
- Auto sleep time
- Auto sleep/power-off time
- Power-saving setting
- Device name
- Pass key (PIN code)
- Initialize settings (resets all parameters to their default settings)

Changing the settings

With a computer running Windows®:

1 Click the Start button, select **Settings**, and then click **Printers**.

→ The Printers dialog box appears.

2 Right-click  Brother MW-140BT .

→ A pop-up menu appears.

3 Select **Properties**.

→ The Properties screen appears.

4 Click the MW-140BT Utility button.

→ The Brother MW-140BT Utility screen appears.

With a Pocket PC:

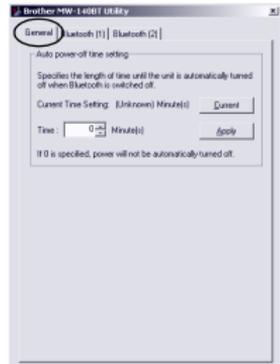
1 Tap  MPrint Utility on the Brother MPrint screen.

→ The Brother MW-140BT Utility screen appears.

Screens

■ General

The length of time [auto power-off time] until the printer automatically powers off can be specified. If “0” is specified, the printer will not automatically power off.



■ Bluetooth (1)

When the Bluetooth switch is set to ON, the length of time [auto sleep time] until the printer automatically enters the sleep mode and the length of time [auto sleep/power-off time] until the printer powers off after entering the sleep mode can be specified. If “0” is specified for the auto sleep time, the unit will not enter the sleep mode.

The power-saving setting can be specified.



■ Bluetooth (2)

The device name and the PIN code (or Passkey) can be changed.

For the device name, specify a name that contains 1-12 alphanumeric characters.

For the PIN code, specify a four-digit number only if “Activate PIN code” has been selected.



Closing the MW-140BT Utility

1 Tap the OK button.

→ The MW-140BT Utility closes.

5 PrintPocketCE for Brother

What is this software?

PrintPocketCE enables you to print out the following data from your PDA running Microsoft® Pocket PC/Pocket PC2002.

- Pocket Excel spreadsheets
- Pocket Word documents
- E-mail
- Pocket RTF (rich text format) & Plain text (txt)

Installing the software

1 Insert the enclosed CD-ROM into the CD-ROM driver of the computer running Windows®.

→ The installer automatically starts up and Brother Mobile Printing Software dialog box appears.

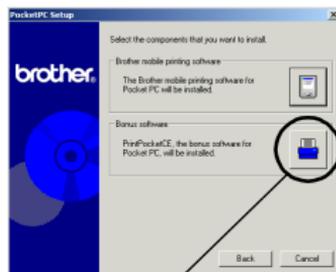
2 Click the second button (Pocket PC).

→ The PocketPC Setup dialog box appears.



3 Click the second button (Bonus software).

→ A dialog box appears asking you to select either "Print Pocket CE for Pocket PC" or "Print Pocket CE for Pocket PC2002".



Bonus software

4 Click the button for the operating system that you are using.

- The installation program will run automatically. The computer connects with the PDA via ActiveSync and the installation is complete.



- For details on using Print Pocket CE for Brother, refer to the Help file in your PDA installed Print Pocket CE for Brother.

brother®