

BF-030PC
BF-060

Control Software
Setup Manual

PLUS BOADWARE

For Windows 95 Ver.2.0

PLUS

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Contents

1 INTRODUCTION	6
1.1 Environment.....	6
1.2 Notes.....	6
1.3 Terms and Symbols.....	7
2 HARDWARE SETUP	8
2.1 Setting Up the Copyboard BF-030PC.....	8
2.2 Setting Up the Copyboard BF-060.....	9
2.2.1 Package Contents.....	9
2.2.2 Setup.....	10
3 SOFTWARE SETUP	11
3.1 Setup.....	11
3.2 Uninstall.....	11
4 OPERATION	12
4.1 Starting/Exiting.....	12
4.2 Operating Method.....	12
5 USER SUPPORT	13
5.1 Inquiries.....	13
5.2 Upgrading.....	13
6 CAUTION	14
6.1 Working Environment.....	14
6.2 Restrictions.....	14

Welcome to PLUS BOARDWARE !

The SOFTWARE SETUP MANUAL (hereafter referred to as the manual) describes how to connect the PLUS Copyboard BF-030PC or BF-060, and how to set up and start the software. Please use it to ensure correct and efficient use of the software.

For instructions on how to use the Copyboard, please refer to the Copyboard BF-030PC or BF-060 OPERATION MANUAL.

1.1 Environment

- Appropriate PC type We over recommend IBM PC/AT personal computers and completely compatible computers with at least an i486/66 MHz CPU and standard COM port (16550 or later UART chip recommended).
- OS Microsoft Windows 95(hereafter referred to as Windows)
- Memory Over 16MB (Recommended OS memory)
- Hard disk space Blank area of over 5MB required

1.2 Notes

- Software Backup

Before installing the software or opening an original file by some method, it is advisable to make a copy of the software for backup purposes.

- Latest Information

The latest information concerning the program and manual and trouble-shooting procedures are found in the README.TXT enclosed with the disks. Please read it before commencing operation.

1.3 Terms and Symbols

The following terms and symbols are used in the manual and online Help.

Menu, Command and Dialog Box

Term/Symbol	Explanation
<File> Menu	Menu names and commands are enclosed in < > brackets
[OK], [Cancel]	Names of Dialog Box command buttons and Toolbar buttons are enclosed in [] brackets

Mouse Operation

Term/Symbol	Explanation
Point	Move the mouse until the pointer is on the desired operation
Click	Press the mouse button, then release it immediately
Double click	Click the mouse button twice in rapid succession
Drag	While pressing the mouse button, move the mouse and release the button at the desired position

Keys

Term/Symbol	Explanation
Enter	The key is shown in bold
Alt + F1	Such combinations are called short-cut keys. Plus sign (+) indicates 2 or more keys are to be pressed simultaneously. For example, Alt + X means to hold down the Alt key while pressing the X key.
Cursor keys	Name for ↑ , ↓ , ← , → keys

In the explanation of the operating method, <**Mouse**> means mouse operation, <**Keyboard**> means keyboard operation and <**Toolbar**> means toolbar operation.

2 HARDWARE SETUP

2.1 Setting Up the Copyboard BF-030PC

- (1) Make sure the power to the personal computer and Copyboard are switched off.
- (2) Use the interface cable provided and connect the connector at the bottom of the Copyboard to the serial port (DB9F (9 pins) COM 1 or COM 2 Port) on the appropriate type of personal computer. *1

A noise suppressing ferrite core (A) is provided at one end of the cable. Make sure that this end is connected to the Copyboard connector.

- (3) Switch the power on. Preparations are completed when the fluorescent lamp lights up after about 4 sec.
- (4) Start up the personal computer.

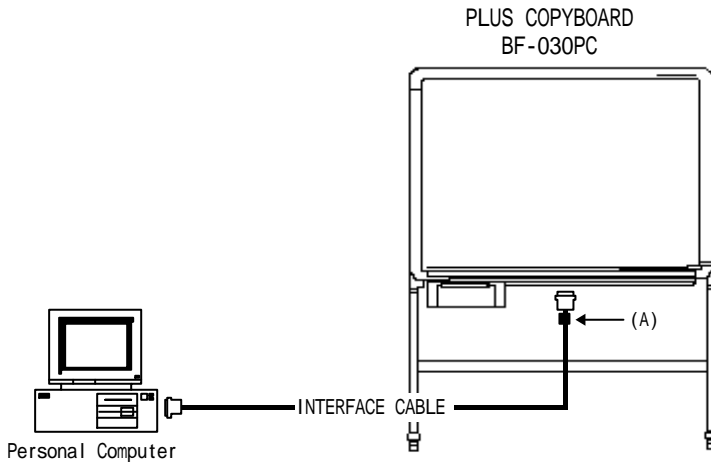


Fig. 2.1

*1 If the COM Port on the PC is not DB9F but DB25F (25 pins), an interchangeable DB9F/DB25F connector can be purchased as an option.

2.2 Setting Up the Copyboard BF-060

2.2.1 Package Contents

The following items are enclosed in the package.

In the event an item listed among the package contents is found to be missing or damaged immediately request a replacement from your retail store.

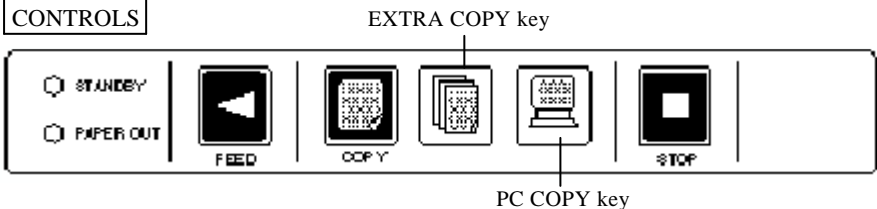
- PC interface board unit 1 pc.
- PC connection cable (D-sub 9 pin 2m) 1 pc.
- Setup manual (this document) 1 set
- Setup disk (floppy disk) 1 disk
- User registration card 1 copy

ADDED FUNCTIONS

- EXTRA COPY key : Use for making an additional copy after making a copy of one side or a PC copy. Do not move the sheet at this time.
- PC COPY key : Use to feed a copy of one side to the computer. The main unit printer will not operate at this time.



CONTROLS

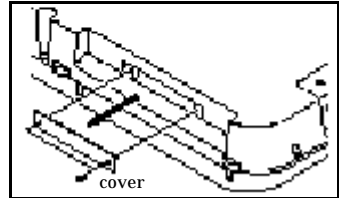


2.2.2 Setup

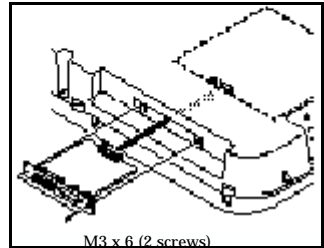
Setup the PC interface board according to the following procedure instructions.

- * Switch off all power to the main unit (electronic blackboard) and the PC before starting operations.
- * Touch some nearby metal (for example a door knob or aluminum sash) to discharge any static electricity built up on your body or clothes before starting operations.

- (1) Loosen the screws securing the cover over the expansion slot on the lower part of the unit, and remove this cover.

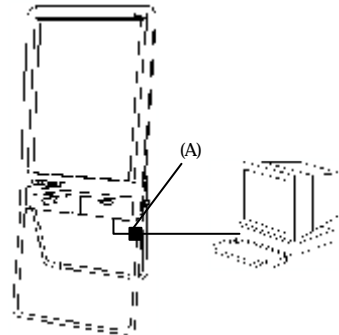


- (2) Insert the PC interface board making sure it is correctly aligned with the slot guide and secure it in place with the screws just removed.



- (3) Plug the PC connection cable into the PC interface board and plug the other end into the RS-232C connector on the PC. One end of the cable has a ferrite core to prevent noise (A). Connect this end to the main unit side connector.

A noise suppressing ferrite core (A) is provided at one end of the cable. Make sure that this end is connected to the Copyboard connector.



- (4) Switch on the main unit power and complete preparations.
(5) Start up the personal computer.

- * If the only serial port you can use as 25 pins instead of 9 pins, please purchase the optional 9 pin/25 pin converter connector.

3.1 Setup

Before Installing

Please be sure you have read the software license agreement at the front of this manual before installing BOARDWARE.

Installation

Install BOARDWARE with the procedure below.

- (1) Start Windows 95 or NT and insert the BOARDWARE diskette into a disk drive.
- (2) From the [Start], select <Settings> then choose <Control Panel>.
- (3) Choose <Add/Remove>Programs.
- (4) Choose the [Install/Uninstall] tabs and then select the [Install] button. At the next screen, insert the disk and select the [Next] button. It will detect the disk and display <A:SETUP.EXE> in the command line edit box.
- (5) If the <SETUP.EXE> is not detected, you may select the [Browse] button to select a different path. Select <SETUP.EXE> and choose the [OPEN] button.
- (6) At the Run Installation Program screen, select the [Finish] button to begin the actual Setup.
- (7) Follow the instructions on the Setup screens.
- (8) When prompted, restart your computer to change system settings.

When installation has been completed normally, all the files are copied. The destination directory for copying can be specified during installation. If no destination directory is specified, the ¥PLUSBW directory is made in the root directory and the files are copied there.

3.2 Uninstall

- (1) Select <Control Panel > and choose <Add/Remove> Programs.
- (2) Select BOARDWARE, then click [Add/Remove (R)].
- (3) The uninstall program is executed and BOARDWARE is removed.

4.1 Starting/Exiting

Before starting PLUS BOARDWARE, check that the interface cable is connected, the power to the Copyboard is switched on and the lamp is on. If you have any problems, follow the setup procedure again.

Note: When the power is switched on, the lamp lights up after about 4 sec and the Copyboard is on standby. The Copyboard cannot be operated until the lamp comes on. Check that the lamp is on before starting the program.(BF-030PC only)

Starting PLUS BOARDWARE

From [Start], select the group in which PLUS BOARDWARE is registered, then click PLUS BOARDWARE.

The connection with the main unit is checked and initialized. When this process has completed normally, the “Complete Initialize” dialog is displayed and processing moves to the main menu.

Ending PLUS BOARDWARE

Click the close button [X] or click <Exit> in the File menu.

4.2 Operating Method

An explanation of how to operate PLUS BOARDWARE and the various commands is available in the online Help.

You can open Help by selecting <Contents> from the Help Menu.

For instructions on how to use Help, refer to the Windows manual or <How to Use Help> from the Help Menu. For troubleshooting procedures, refer to the README file.

An inquiry service for questions relating to the software etc., and information about upgrading are only available to registered users. Fill in the necessary items on the enclosed Registration Card and return it to us as soon as possible.

5.1 Inquiries

If there is something you do not understand about PLUS BOARDWARE, first consult the manual, HELP file and README contents. If you cannot find the necessary information in the manual, contact the store where you purchased PLUS BOARDWARE or access the PLUS INTERNET TROUBLESHOOTING web site below.

Home page address <http://www.TokyoWeb.or.jp/PLUSdmt/>

· IMPORTANT

We are unable to reply to inquiries in the following circumstances.

- When PLUS BOARDWARE is used in an environment other than that for which the product is guaranteed
- When the inquiry concerns basic software (OS etc.) or hardware

5.2 Upgrading

For details on version upgrades, please ask at the store where you purchased this product.

6.1 Working Environment

This product is a precision piece of equipment. The warranty does not cover breakdowns or trouble on the computer or breakdowns or trouble on the PC interface expansion board occurring due to incorrect handling.

◆ CAUTIONS ON HANDLING

- Be sure to eliminate all static electrical charges on the body or clothes before attempting installation of the PC interface.
- Do not handle with moist hands or fingers.
- Do not attempt unauthorized repairs or modifications.
- Avoid using the board in the following locations.
 - Locations subject to magnetic fields, static charges or vibrations.
 - Locations near flames or heated air.
 - Locations subject to moisture leaks or electrical discharges.
 - Locations with humidity exceeding 80% or condensation.
 - Location in the path of direct sunlight.
 - Locations prone to cause damage to the computer or the Copyboard.

◆ CAUTIONS REGARDING INSTALLATION

- WARNING:** Be sure to turn the power on the computer and the Electronic Blackboard off before attempting installation.
- CAUTION:** Read the manual thoroughly before handling the Electronic Blackboard or the computer.
Remove any dust or contamination from the connectors before using.

6.2 Restrictions

PLUS BOARDWARE Ver.2.0 is a 32bit Code application.

It does not function on Windows 3.1. As it has not been confirmed for operation on Windows NT 3.51, it is outside the range of our support system.

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