Adobe PostScript3 Upgrade Kit Installation Instruction

Revision Table				
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	For PostScript Upgrades Only	
Controller Serial No.:	Keycode:	
MAC Address:		
Note: These instruct number and I	ns are specific to the printer identified by the controller serial C address shown above.	

PostScript3 Upgrade

Your kit includes a hard disk drive (HDD) and CD. Install the HDD following procedure. There is PostScript Programming Guide in CD. When the HDD installation is complete, install the keycode noted at the top of this document. Instructions for installing the keycode are shown below.

Working time

Approx.40 min.

Necessary tools (1)Screwdriver, size #1 and #2.

(2)Ethernet cable(cross)

CAUTION !

When installing the PostScript3 Upgrade Kit, various printer setting values(indicated in table1) are reset to the factory default value, VPT added by user is deleted and The PCL font that you installed and Accounting Log, etc. disappear.

If necessary, please contact to the customer about reset of various printer setting values before the installation of the PostScript3 Upgrade Kit.

Print the status page by the following procedure before installing the PostScript3 Upgrade Kit.



Installing the HDD

Accessing the Controller Assembly

- 1. Make sure you have shut down the printer and unplugged Network cable and the power cable from the connector.
- 2. Take off the rear cover of the printer by removing the six screws that secure the rear cover to the printer. Unhook the bottom of the rear cover, then lift up and pull forward to release it.



3. Remove the twelve screws that secure the box CE box cover.

CAUTION! The HDD is attached to the CE box cover and has a cable connection. Take precautions to not damage the HDD cable when removing the CE box cover from the printer.

Removing the HDD

- 1. Remove the HDD cable from controller board connector J6.
- 2. Unplug the HDD cable from the HDD.
- 3. Unplug the HDD power cable from the HDD.
- 4. Remove the four screws that secure the HDD to the Controller Electronics box (CE box) cover.



5. Lift the HDD from the CE box cover and place the HDD in an antistatic bag.

Do not touch the drive with magnetic objects, such as magnetic screwdrivers. Do not place items near the hard disk drive that are sensitive to magnets, such as credit cards and employee ID cards.

Replacing the Hard Disk Drive

- 1. Secure the HDD to the CE box cover using the screws you removed earlier.
- 2. Reinstall the HDD cable to controller board connector J6.
- 3. Plug the other end of the HDD cable into the HDD.
- 4. Reinstall the HDD power cable into the HDD.
- 5. Reassemble the printer with reverse order of "Accessing the Controller Assembly".
- 6. Execute Backup/Restore following procedure by OCP.

Note: Revision of the software installed in HDD has been described on the seal of HDD.

- (1) Power on the printer.
- (2) Touch the Setup icon on Main Menu, and touch "Service" button.



(3) The input screen of "Service Password" is displayed. Touch the Enter button to enter "Service" menu without inputting the service password(factory-set default).



(4) Touch the Next Screen button once to display the next screen, and touch "Backup/Restore" button.



(5) Touch the "Backup" button, and touch "All" button.

Backup/Restore	▲ ?	Backup	▲?
Backup			
Restore		HDD Data	
·		Engine Data	
	V	Controller Data	

(6) Touch the Enter button, then the screen shows the Backup processing.



Enter button

Note: The Backup time will take approx. 1 minutes.

(7) After the backup date and time are displayed, touch the Exit button.



Installing the Keycode

If you are installing the PostScript option to upgrade, a new keycode is required to enable the option. To install the keycode, follow the steps below.

- 1. Connect the printer with the your personal computer with the Ethernet cable (cross).
- 2. Start your Internet browser application.
- 3. Enter the IP address of the printer that set upper section. (obtained from the OCP).
- 4. Select Service.



5. In the Password dialog enter service in the User Name text box. Click OK.

Connect to 192.	1.1.192 🛛 🛛 🔀
service	
<u>U</u> ser name:	🥵 service
Password:	
	Remember my password
	OK Cancel

6. Select Configuration.

	DDP92					
	Theme	ENGLISH FR	ANÇAIS DEUTSCH	ESPAÑOL		
	Printer Display	venuor	She wa	φ.		
	Ready PM Counter Exceeded	Service - Co	onsumables			
	🥖 Manage	PRIN Consumable	TTER Current Li	mit Status		
	Service	N/A Toner	Normal	0		
		N/A Developer Mix	27 6	00 🔘		
		Fuser Web	14 3	20 🜔		
	Service	Fuser Unit	14 16	500 🜔		
	Page Counter	Drum Unit	27 5	00 🜔		
	Documentation Engine Config Reset	Charger Wire/Grid	289 4	00 🔘		
Configuration		T/S Corona Unit Cleaner	14 4	00 🔘		
Configuration		Transfer Separating Corona Wire	14 36	500 🜔		
		Ozone Filter	14 24	400 🜔		
		Air Filter	14 24	400 🜔		
		Conveyance Belt	14 72	200 🔘		
		Idler Gear Z28	14 96	500 🔘		
		NIP Guide Plate	14 72	200 🜔		
		Tray 1 Pick Assembly	4 6	00 🜔		
		Tray 2 Pick Assembly	5 6	00 🜔		
		Tray 3 Pick Assembly	5 6	00 🜔		
		MBT Pick Assembly	0 6	00 🜔		
		HCF Pick Assembly	0 6	00 🜔		
		Reset O	Counter			

- 7. Select License Keycode from the Configuration menu to display the Configuration-Keycode window.
- 8. Enter the new keycode (noted at the top of this document) in the Assigned Keycode text box.
- 9. Click Submit.



10. The message that "follow the Instruction on Operator Control Panel" will be displayed.

Note:

Please confirm each value of the serial number etc. If you fail in the input of the key code.



- 11. Power off/on the printer.
- 12. Verify PostScript3 installation in the printer as follows.
 - Print the PostScript font as following below with OCP, after online displayed on OCP. Reports / Fonts / PostScript Fonts



(2) Check "postscript" Virtual Printer as following below with Web page

(a) Select Manage.



(b) Select System.



(c) In the Password dialog enter system in the User Name text box. Click OK.

Connect to 192.1	.1.192 ? 🔀
	G C
system	
<u>U</u> ser name:	💽 system 💌
Password:	
	Remember my password
	OK Cancel

(d) Click Virtual Printer.



	Items				
OCP : Printer I	Menu				
Paper Source	Default Paper Source			AutoSelect	
	Paper Size	Tray1	Standard Paper Size	Folio SEF	
			Custom Size(Width)	8.5″/215.9mm	
			Custom Size(Length)	11″/279.4mm	
		Tray2	Standard Paper Size	Folio SEF	
			Custom Size(Width)	8.5″/215.9mm	
			Custom Size(Length)	11″/279.4mm	
		Tray3	Standard Paper Size	Folio SEF	
			Custom Size(Width)	8.5″/215.9mm	
			Custom Size(Length)	11″/279.4mm	
		MBT	Standard Paper Size	Letter LEF *2	
			Custom Size(Width)	8.5″/215.9mm	
1			Custom Size(Length)	11″/279.4mm	
	Paper Type	Tray1		Plain	
		Tray2		Plain	
		Tray3		Plain	
		MBT		Plain	
		HCF *1	HCF *1		
	Paper Weight	Tray1		20-lb bond	
		Tray2		20-lb bond	
		Tray3		20-lb bond	
		MBT		20-lb bond	
		HCF *1		20-lb bond	
	Tray Adjust	Tray1	Front - Width/Length	0″ / 0″	
			Back - Width/Length	0″ / 0″	
		Tray2	Front - Width/Length	0″ / 0″	
			Back - Width/Length	0″ / 0″	
		Tray3	Front - Width/Length	0″ / 0″	
			Back - Width/Length	0″ / 0″	
		MBT	Front - Width/Length	0″ / 0″	
		HCF *1	Front - Width/Length	0″ / 0″	
			Back - Width/Length	0″ / 0″	

Table1. Printer setting value list reset in initial value by Factory Default

*1 : It is displayed when the optional item(s) are installed.

*2 : This value depends with the setting of the country code in system menu. When the country code setting is one, this value is Letter LEF. When other values one set in country code. It becomes A4 LEF.

Items				Factory Default		
OCP : Printer M	Menu					
Default Output	t			Elevator Tray		
Option	Exit-Jam Recovery			Enable		
	Wait TimeOut			40		
	LPD Queuing			Disable		
	Duplex-Always			Disable		
PCL	Wide A4			Disable		
	Requested Tray			Exclusively		
OCP:Setup M	lenu					
OCP	Blightness			10		
	Contrast			10		
Service	Halftone Selection			Disable		
	Service Password			none		
System	Parallel	Ack Pulse Width		1000		
		Mode		Bi-Directional		
		Capture to file		Disable		
	Network (AUX)	Boot Method		STATIC		
		HTTP		80		
ĺ	Network (NIC)*1	Boot Method		Autoselect		
ĺ		HTTP		80		
	Calendar TimeZone			GMT		
	Energy Save Mode	Energy Save Mode				
ĺ	Energy Save Time		15			
ĺ	System Password	none				
ĺ	Emulation			AutoSelect		
ĺ		Postscript		TBCP		
ĺ	public r/w			Disable		
ĺ	Auto Online			Disable		
Language				Enabled		
Web:Manage -	- System Menu					
General	Option	Auto Feed Direction		Disable		
		Exit Jam Recovery		Enable		
ĺ		Wait Timeout (0-999)		40		
		*PDL Memory Size (6	*PDL Memory Size (6-50)			
Finisher	STAPLER ERROR - ADVA	NCED FINISHER		Continue		
Virtual Printer	Default	General	Emulation	Auto Select		
1		Paper Handling	Paper Source	Auto Select		
			Paper Size	Letter LEF		
			Paper Type	Plain		
ĺ			Paper Output	Auto Select		
			Copies(1-999)	1		
			Collate	Enable		
			Job Offset	Disable		
ĺ			Staple	None		
1			Duplex	Disable		
1			Binding	Long Edge		
			Edge-to-Edge	Disable		

*1 : It is displayed when the optional item(s) are installed.

Items				Factory Default
Web:Manage -	- System Menu			
Virtual Printer	Default	PCL	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ; FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
	lp	General	Channel Name	lp
			Emulation	Auto Select
			Protocol	TCP/IP port 9100
			Spooling *1	None
			LPD Banner Page	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable
1			Job Offset	Disable
1			Staple	None
1			Duplex	Disable
			Binding	Short Edge
1			Edge-to-Edge	Disable
ĺ		PCL	Page Orientation	Portrait
			- Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ; FF->FF
1			Line Wrap	Off
ĺ			Font-Source	Internal
ĺ			Font-Number	23
1			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
1			Font-Pitch (0.44 - 99.99)	10
1	vp-pcl	General	Channel Name	vp-pcl
ĺ			Emulation	PCL
			Protocol	3101
ĺ			Spooling *1	None
ĺ			LPD Banner Page	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable

*1: It is not displayed when the NIC is installed.

	Items				
Web:Manage -	- System Menu				
Virtual Printer	vp-pcl	Paper Handling	Job Offset	Disable	
			Staple	None	
1			Duplex	Disable	
ĺ			Binding	Short Edge	
			Edge-to-Edge	Disable	
		PCL	Page Orientation	Portrait	
			Page Length (5 - 127)	60	
			Line Termination	CR->CR ; LF->LF ; FF->FF	
1			Line Wrap	Off	
1			Font-Source	Internal	
			Font-Number	23	
1			Font-Symbol Set	PC-8	
			Font-Height (4 - 999.75)	12	
			Font-Pitch (0.44 - 99.99)	10	
	ascii_portrait	General	Channel Name	ascii_portrait	
			Emulation	PCL	
1			Protocol	3104	
1			Spooling *1	None	
			LPD Banner Page	Disable	

*1 : It is not displayed when the NIC is installed.

	Factory Default			
Web:Manage -	System Menu			
Virtual Printer	ascii_portrait	Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Staple	None
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
		PCL	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR-CR ; LF-FF ; FF-FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
	ascii_landscape	General	Channel Name	ascii_landscape
			Emulation	PCL
			Protocol	3105
			Spooling *1	None
			LPD Banner Page	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Staple	None
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
		PCL	Page Orientation	Landscape
			Page Length (5 - 127)	45
			Line Termination	CR->CR ; LF->LF ; FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10

*1: It is not displayed when the NIC is installed.

	Factory Default			
Web:Manage -	System Menu			•
Virtual Printer	lp_portrait	General	Channel Name	lp_portrait
			Emulation	PCL
			Protocol	3106
			Spooling *1	None
			LPD Banner Page	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Staple	None
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
		PCL	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR -> CR ; LF -> LF ; FF -> FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
	lp_landscape	General	Channel Name	lp_landscape
			Emulation	PCL
			Protocol	3107
			Spooling *1	None
			LPD Banner Page	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Staple	None
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
		PCL	Page Orientation	Landscape
			Page Length (5 - 127)	45
			Line Termination	CR->CR ; LF->LF ; FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23

*1 : It is not displayed when the NIC is installed.

Items				Factory Default
Web:Manage -	· System Menu			
Virtual Printer	lp_landscape	PCL	Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	15
	pdf	General	Channel Name	pdf
			Emulation	PDF
			Protocol	3109
			Spooling *1	None
			LPD Banner Page	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Staple	None
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
		PCL	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ; FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
	tiff	General	Channel Name	tiff
			Emulation	TIFF
			Protocol	3110
			Spooling *1	None
			LPD Banner Page	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Staple	None
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable

*1: It is not displayed when the NIC is installed.

Items			Factory Default	
Web:Manage -	- System Menu			
Virtual Printer	tiff	PCL	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ; FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
	pclxl	General	Channel Name	pclxl
			Emulation	pclxl
			Protocol	3112
			Spooling *1	None
			LPD Banner Page	Disable
		Paper Handling	Paper Source	Auto Select
ĺ			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
ĺ			Copies(1-999)	1
ĺ			Collate	Enable
ĺ			Job Offset	Disable
ĺ			Staple	None
ĺ			Duplex	Disable
ĺ			Binding	Short Edge
ĺ			Edge-to-Edge	Disable
		PCL	Page Orientation	Portrait
			Page Length (5 - 127)	60
ĺ			Line Termination	CR->CR ; LF->LF ; FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
	prt2file *1	General	Channel Name	prt2file
			Emulation	Auto Select
			Protocol	7101
			Spooling *1	Capture to File
			Maxmun File Size *1	20000
			LPD Banner Page	Disable

*1 : It is not displayed when the NIC is installed.

Items				Factory Default
Web:Manage -	System Menu			•
Virtual Printer	prt2file *1	Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Staple	None
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
		PCL	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ; FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
	text	General	Channel Name	text
			Emulation	Auto Select
			Protocol	3100
			Spooling *1	None
			LPD Banner Page	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Output	Elevator Tray
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Staple	None
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
		PCL	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR-LF
				LF->CR-LF
			1	FF->CR-FF
				Utt
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PG-8
			Font-Height (4 - 999.75)	12
	1		Font-Pitch (0.44 – 99.99)	10

*1 : It is not displayed when the NIC is installed.

		Items		Factory Default	
Web:Manage -	- Configuration Menu				
General	Customer	(blank)			
		Phone Number	Phone Number		
		Fax Number		(blank)	
		Street Address	Street Address		
		City, State/Region, Zip/P	City, State/Region, Zip/Postal Code		
		Country		(blank)	
	Printer	Name	Name		
		Location	cation		
	Service Contact Name			(blank)	
		Phone Number	Phone Number		
		Fax Number	Fax Number		
		E-mail	F-mail		
	Accounting Information	Accounting Period Start D	Accounting Period Start Dav of the Manth:		
Events	Non Paper Jam Error	Check Box		Disable	
	Jam Error Warning	Check Box	Check Box		
		Times			
	Toner Low	Check Box	Check Box		
	Staple Empty	Check Box	Check Box		
		Check Box			
Configuration	Mico	Calendar	Time Server (Primany)	(blank)	
Configuration	WISC .	Galeridai	Time Server (Frinary)	(blank)	
			Superver (Secondary)		
			Set Monually	Enchlo	
			Set Manually	Disable	
			Ose Daylight Saving		
			Start with	3, 1, 2	
		Trov Monsing	Eria witri Defeult Treu Menning	10, 1, 2	
				0	
		10 0	107/200	0	
			107/207	0	
		I DI	100/200	1	
			107/207	1	
		ID 2	100/200	4	
			107/207	4	
		ID 3	100/200	4	
			107/207	4	
		ID 4	106/206	5	
			107/207	5	
		ID 5	106/206	2	
			107/207	2	
		ID 6	106/206	4	
			107/207	4	
		ID 7	106/206	1,2,3,5	
			10//20/	1,2,3,5	
		ID 8	106/206	3	
			107/207	3	
		ID9 – 19	106/206	0	
			107/207	0	
		ID 20	106/206	4	
			107/207	4	
		ID 21	106/206	5	
			107/207	5	
		ID 22 – 69	106/206	0	
			107/207	0	

	Factory Default		
Communication	Parallel	Ack Pulse Width	1000 ns
		Mode	Bi-Directional
	TCP/IP	Internet Printing Protocol	Enabled
		Direct Printing with TCP	Enabled
		LPR/LPD	Enabled
		FTP	Disabled