

Model: Model K3		Date: 28-Oct-02	No.: RH310007
Subject: Firmware Update Procedure for the Printer Option		Prepared by: M. Mano	
From: Technical Services sec. Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Other (      )	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input checked="" type="checkbox"/> Retrofit information

The following is the corrected firmware update procedure for the Printer Controller Board and DIMM Board for the K3 Printer Option. Please replace the procedure in your Service Manuals with the one listed below.

There are two kinds of firmware available for Model K3 printer option, which should be updated together in the field (2 IC cards required):

- **B5165870:** For Printer Controller Board
- **B5165871:** For DIMM Board (NCS)

## Update Procedure – Printer Controller Board and DIMM Board (NCS)

**Note:** “X” refers to the firmware suffix.

1. Turn off the main power.
2. Remove the right cover.
3. Insert the IC card containing the Printer Controller firmware (H5165870X) into the controller card slot.
4. Turn on the main power (fax standby display appears).
5. Press F6 to change over to Printer mode.  
The following display appears:

System + Printer

6. Press [Enter (#)]. An asterisk (“\*”) will appear on the second line.

System + Printer  
 \*

7. Scroll down with the arrow key to “Update Data”.

Update Data

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8. Press [Enter (#)]. The update will then start.

```
Updating.....
*-----
```

9. When the update is completed, the following display appears.

```
Updated
Power      Off On
```

10. Turn off the main power and remove the IC card.
11. Insert the IC card containing the firmware for the DIMM Board – NCS (H5165871X) into the controller card slot.
12. Turn on the main power (fax standby display appears).
13. Press F6 to change over to Printer mode.  
The following display appears:

```
Network Support
```

14. Press [Enter (#)]. An asterisk (“\*”) will appear on the second line.

```
Network Support
*
```

15. Scroll down with the arrow key to “Update Data”.

```
Update Data
```

16. Press [Enter (#)]. The update will then start.

```
Updating.....
*-----
```

17. When the update is completed, the following display appears.

```
Updated
Power      Off On
```

18. Turn off the main power and remove the IC card.
19. Replace the right cover, then turn on the main power.
20. Confirm that the machine starts up normally and that the new firmware versions have been successfully installed.

Model: Model-K3		Date: 28-Oct-02	No.: RH310008
Subject: PS3 Option ROM History (Model K3)		Prepared by: M. Mano	
From: Technical Services sec. Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Part information <input type="checkbox"/> Action required <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Service manual revision <input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Retrofit information <input type="checkbox"/> Other (      )		

We hereby inform you of firmware history of the optional PS3 for Model K3.

G3415950	Version	C.SUM	Production
A	1.00	2E30	1st Mass Prod.
<b>B</b>	<b>1.01</b>	<b>DE51</b>	<b>October '02</b>

Symptom Corrected	Suffix
<i>The Euro currency character cannot be printed.</i>	<b>B</b>
<i>The print speed becomes slower after a PS3 job reset.</i>	<b>B</b>
<i>The machine sometimes freezes when printing from the UNIX Acrobat.</i>	<b>B</b>
<i>A line may be printed in areas it does not appear on the original.</i>	<b>B</b>
<i>CtlDZ causes a PS error.</i>	<b>B</b>
<i>The machine sometimes displays "Load Custom Size" when the custom size is specified in Custom Page Definition.</i>	<b>B</b>

Model: Model K3		Date: 28-Oct-02	No.: RH310009
Subject: Printer Option ROM History (Model K3)		Prepared by: M. Mano	
From: Technical Services sec. Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Other (       )	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input checked="" type="checkbox"/> Retrofit information

We hereby inform you of firmware history of the optional printer for Model K3.  
 When you update the firmware, please update both as a set.

## Controller Board

B5165870	Version	C.SUM	Production
A	1.02	AE38	1st Mass Prod.
<b>B</b>	<b>1.03</b>	<b>F0BE</b>	<b>October '02</b>

## DIMM Board (NCS)

B5165871	Version	C.SUM	Production
A	3.81	D15F	1st Mass Prod.
<b>B</b>	<b>3.82</b>	<b>27D9</b>	<b>October '02</b>

Symptom Corrected	B5165870	B5165871
	Suffix	Suffix
<b>Software modified to support a new wireless LAN card.</b>	<b>B</b>	<b>B</b>

**NOTE:** The current wireless LAN card will be discontinued and changed over to a new one in the near future.

**Reissued: 21-Apr-03**

Model: Model-K3	Date: 28-Oct-02	No.: RH310008a
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**RTB Reissue**

The items in bold italics have been added.

Subject: PS3 Option ROM History (Model K3)		Prepared by: M. Mano	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Part information <input type="checkbox"/> Action required		
	<input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Service manual revision		
	<input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Retrofit information		
	<input type="checkbox"/> Other (       )		

Firmware history of the optional PS3 for Model K3.

<b>G3415950</b>	<b>Version</b>	<b>C.SUM</b>	<b>Production</b>
A	1.00	2E30	1st Mass Prod.
B	1.01	DE51	October '02 Prod.
<b>C</b>	<b>1.02</b>	<b>6CE7</b>	<b>March '03 Prod.</b>

<b>Symptom Corrected</b>	<b>Suffix</b>
<b><i>A configuration error occurs because of the Media Type mismatch when the Media Type is set as an undefined value in a PS file. (FPR: R030020001)</i></b>	<b>C</b>
<b><i>Slow printing from AutoCAD. (FPR: RC02070001)</i></b>	<b>C</b>
<b><i>PJL commands for Edge to Edge printing are supported. - ON: "PJL SET EDGETOEDGE=YES" - OFF: "PJL SET EDGETOEDGE=NO"</i></b>	<b>C</b>
<b><i>PS print file printed as text. (FPR: RE02040013)</i></b>	<b>C</b>
The Euro currency character cannot be printed.	B
The print speed becomes slower after a PS3 job reset.	B
The machine sometimes freezes when printing from the UNIX Acrobat.	B
A line may be printed in areas it does not appear on the original.	B
CtlIDZ causes a PS error.	B
The machine sometimes displays "Load Custom Size" when the custom size is specified in Custom Page Definition.	B