G338 -4	1.2.2 Controller Board DIP Switches	No.	Function		Comments	No.	Function		Comments
		1	Boot selection	OFF	Switch ON only to boot from an IC card.*[1]	1	Boot selection	OFF	Switch ON only to boot from an IC card.*[1]
		2	DFU	OFF		2	DFU	OFF	
		3	DFU	OFF		3	DFU	OFF	
		4	DFU	OFF		4	DFU	OFF	
		5	Localization setting	OFF	ON for export models, OFF for models for the Japanese market	5	Localization setting	**ON**	ON for export models, OFF for models for the Japanese market
		6	Model Setting	OFF	Currently these switches are not used.	6	Model Setting	OFF	Currently these switches are not used.
		7	Model Setting	OFF		7	Model Setting	OFF	
		8	Model Setting	OFF		8	Model Setting	OFF	
G338 -11	Related SP Mode (Last Paragraph)	Data rates can also be adjusted using the UP mode "USB Setting" in the Host Interface in the System menu. This mode can be accessed only when the "Enter", "Escape", then "Menu" keys are pressed to enter the UP mode.				**(Delete)**			
G338 -15	WEP	WEP (Wired Equivalent Privacy) WEP is a coding system designed to protect wireless data transmission. In order to unlock encoded data, the same WEP key is required on the receiving side. There are 64 bit and 128 bit WEP keys. **However, this machine supports only 64 bit WEP.** NOTE: The WEP key can be set using the Web Status Monitor or Telnet.				WEP (Wired Equivalent Privacy) WEP is a coding system designed to protect wireless data transmission. In order to unlock encoded data, the same WEP key is required on the receiving side. There are 64 bit and 128 bit WEP keys. NOTE: The WEP key can be set using the Web Status Monitor or Telnet.			

Model: Martini-C1	Date: 6-Dec-02	No.: RB064015

Subject: ROM History (Martini-C1 NIB/NetFile)	Prepared by: K. Miura
From: Technical Services sec. Service Planning Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

This is to inform you of the firmware history for the Martini-C1 BCU.

B0655114	NIB (PHY) Version	NetFile (NFA) Version	C.SUM	Production
D	3.54	1.11	2658	1st Mass Prod.
E	3.55	1.11	4088	November Prod. 02'

Symptom Corrected	Suffix
Change in Specification: 1. Changed the default setting of DHCP to ON. Note: When upgrading to this version, the DHCP setting will only change to ON if it is manually set or a factory default clear is performed after update. 2. TCP ports can be opened/closed. Note: After performing the setting to disable HTTP, it is not possible to access the target device through the web browser. To change this setting, use telnet to open HTTP. When the telnet port is disabled, it is necessary to clear the network settings (Memory Clear for NCS) to open the telnet port. 3. Supports the new wireless LAN (IEEE802.11b). Note: Since this is due to a vendor change, the new LAN cannot be used with suffix D firmware.	E

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017

Subject: ROM History (Martini-C1 Printer/Scanner)		Prepared by: M.Tsuyuki
From: Technical Services sec. Service Planning Dept.		

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

This is to inform you of the firmware history for the Martini-C1 Printer/Scanner.

Part Number	Printer Version	Scanner Version	C.SUM	Production
B0665205A	1.00	1.13	9A16	1st Mass Prod.
B	1.02	1.13	0286	August 02' Prod.
G3385204	1.07	1.13	97B6	October 02' Prod.
A	1.08	1.20	3C5F	November 02' Prod.
B	1.09	1.20	EE07	December 02' Prod.

Symptom Corrected	Suffix
[Printer] With duplex jobs containing mixed printing orientations, the printing orientation may sometimes be in reverse after changing back from landscape to portrait.	B
[Printer] When specifying "Front and Back Cover Sheet", the paper is not stapled/punched as expected.	B
[Printer] Supports mixed binding orientations with duplex jobs using cover sheets (GFPR #RC02080003).	B
[Printer] Some Chinese fonts do not print out correctly.	B
[Printer] Some characters overlap with Booklet printing.	B
[Printer] Printing may stop with files sent from INIFCO (GFPR #RE02090012).	B
[Printer] The response to the PJL INFO CONFIG command does not include the serial number.	B
[Printer] The Form Lines setting (PCL menu) is changed when the machine is rebooted (GFPR #RA02090003).	A
[Printer] With the PCL driver, in the event of an error, the location of the error (PDL name) is printed as "unknown" on the system settings list/error history.	A
[Printer] When performing forced print/error skip printing with the PCL driver, a delay occurs when printing out each page, slowing down printing markedly.	A
[Scanner] The Start key standby condition (machine waiting to scan second side of original) cannot be cleared if the number of sheets specified for scanning is 1.	A
[Scanner] Modified so that the machine does not enter Night Mode while printing out the scanner history report.	A

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017

Symptom Corrected	Suffix
[Scanner] When selecting a 100-member group after selecting 1 destination inside the same Scanner page, the destination initially selected is removed.	A
[Scanner] "No paper in the bypass tray" is displayed if there is no paper in the LCT while printing out the scanner history.	A
[Scanner] Scanner jobs sometimes cannot be canceled midway through.	A
[Scanner] The Stop key can be used with re-forwarding mode.	A
[Scanner] When "Sending" is displayed during re-forwarding (Scanner), and the "input registration number" button is pressed (machine prompts operator for number), the timer for the "Sending" message comes on line and clears it, even though the registration number button is still active.	A
[Scanner] If a reset occurs during Scanner password authentication, defaults cannot be restored.	A
[Scanner] Sectors in shared memory for storing error alert information are damaged.	A
[Scanner] A transmission error occurs during fragmented mail transmission, followed by a connection error on the first retry, then SC990 (should not be displayed) on the second retry.	A
[Scanner] Memory leak occurs after repeatedly canceling documents in standby for forwarding.	A
When the printer is in standby for printing out pre-set jobs, it displays both the job information and "Ready".	G3385204
Display errors on pre-set job screen (user name, document name, last character in "details" column).	G3385204
If the host cancels the spool-printing job of a large file (10MB or more) while it is being printed out, the display reads, "Resetting job" and does not change.	G3385204
With PCL5e/PCL6 printing, the job name is not displayed on the LCD panel, and the job is not listed in the job history.	G3385204
If a slip-sheet size different from the original is specified (Bypass Tray printing), an alert is displayed and does not clear.	G3385204
The AP MAC address is displayed even when the wireless LAN is set for Ad hoc mode.	G3385204
Spec change: The default for the Custom Size (Printer initial settings → Bypass Paper Size → Custom Size) has been changed from A4 → letter for NA. Note: A4 is still the default for EU.	G3385204
When specifying 4 holes to be punched in the right side of the paper, 4 holes are punched in the left side.	G3385204
After an SP operations error, the correct SP mode number is not logged in the error log.	G3385204
With the Chinese display language, on the bypass tray size setting screen, the characters used for the up/down scroll keys are displayed outside their boxes.	G3385204
Display error on the B469 Finisher tray full screen: Incorrect: "Remove the paper from_$_Finisher shift tray 1._$__$_⌋" Correct: "Remove the paper from_$_Finisher shift tray._$__$_⌋"	G3385204
When sending with Centronics, "Waiting" is displayed even after the I/F switching time has been reached.	G3385204
If program content printing is performed when there is no program, "There is no program registered" is displayed, but only for a brief moment, and then clears (normal: 3 seconds).	G3385204
On the forced printing screen when specifying LG (8 1/2 x 14) paper with no orientation, this size is incorrectly displayed as "8 1/4 x 14."	G3385204
If "Clear" is pressed on the error clear alert, the machine continues printing.	G3385204

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017

Symptom Corrected	Suffix
When locked printing or copy server printing is performed with screen spooling and user access control both ON, the display reads, "Printing".	G3385204
When using job cancel while printing out multiple jobs with locked printing, only the current job is canceled (all other jobs are printed out).	G3385204
Bold may not work with some True Type fonts.	G3385204
Slow printing from AutoCAD (GFRP #RC02070001).	G3385204
Same line width when bit switch 3 #3 is ON in CAD printer (GFPR #RE02050016).	G3385204
The Orientation, Edge to Edge Print and Extend A4 Width menu settings are lost when the power is turned Off/On (not saved in NVRAM), and are returned to their defaults.	G3385204
Processing time for SP memory clear (SP5-801-008) is too long.	B0665205 B
On the forced print screen, if the specified size is "undefined", the size area (4th line) is not displayed.	B0665205 B
Mm $\leftrightarrow$ inch conversion error with custom sizes for bypass tray feeding.	B0665205 B
Summary wording change: "Quantity of Print Sets" $\rightarrow$ "Copies"	B0665205 B
When menu lock is enabled from WEB, the Printer initial settings key mark is not displayed.	B0665205 B
Line spacing command, "lochEsc&l#D" loch causes incorrect output (GFPR #RC02050002).	B0665205 B
Stall occurs when there is little memory installed (PCL).	B0665205 B
Euro currency symbol is not printed.	B0665205 B
When using bold fonts, short lines may appear around text characters.	B0665205 B
Text characters appear too thick with some bold fonts, removing the fine detail.	B0665205 B

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Model: Martini-C1	Date: 9-Dec-02	No.: RB064019

Subject: New Wireless LAN Option (IEEE802.11b)	Prepared by: M.Tsuyuki
From: Technical Services sec. Service Planning Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☒ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Other ( )		

This RTB has been issued to announce the necessary action for when installing the new Wireless LAN option on machines produced before Nov '02 (802.11b Interface Unit Type B: G515-17/EDP 405412, G515-27/EDP 405419).

Action Required

The IC chip on the new wireless LAN option has been changed (old chip discontinued), making it necessary to update the GW controller firmware to v1.12.3 (B0655102G) or newer and the NIB/NetFile firmware to v3.55/v1.1.1 (B0655114E) or newer when installing the new wireless LAN option. This is because there is no interchangeability between the new option and previous controller firmware versions.

Since the interchangeability is X/O, the new firmware versions mentioned above will work with either the current or new wireless LAN options. Also, these new firmware versions have been applied to the production line from November '02 (see RTB #RB064003a and #RB064015).

Note:

1. Both wireless LAN options are compatible with all versions of engine firmware.

2. SC855 will occur if the new wireless LAN option is installed on a machine with controller firmware older than v3.55/v1.1.1.

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017a

RTB Correction
The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 Printer/Scanner)	Prepared by: K.Miura
From: Technical Services sec. Service Planning Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

This is to inform you of the firmware history for the Martini-C1 Printer/Scanner.

Part Number	Printer Version	Scanner Version	C.SUM	Production
B0665205A	1.00	1.13	9A16	1st Mass Prod.
B	1.02	1.13	0286	August 02' Prod.
G3385204	1.07	1.13	97B6	October 02' Prod.
A	1.08	1.20	3C5F	November 02' Prod.
B	1.09	1.20	EE07	December 02' Prod.
C	*1.09*	*2.00*	*6A71*	*December 02' Prod.*

Symptom Corrected	Suffix
Change in specification: *If the MIB cannot successfully retrieve the display language information from the machine, the driver will be displayed in English.*	*C*
[Printer] With duplex jobs containing mixed printing orientations, the printing orientation may sometimes be in reverse after changing back from landscape to portrait.	B
[Printer] When specifying "Front and Back Cover Sheet", the paper is not stapled/punched as expected.	B
[Printer] Supports mixed binding orientations with duplex jobs using cover sheets (GFPR #RC02080003).	B
[Printer] Some Chinese fonts do not print out correctly.	B
[Printer] Some characters overlap with Booklet printing.	B
[Printer] Printing may stop with files sent from INIFCO (GFPR #RE02090012).	B
[Printer] The response to the PJL INFO CONFIG command does not include the serial number.	B
[Printer] The Form Lines setting (PCL menu) is changed when the machine is rebooted (GFPR #RA02090003).	A
[Printer] With the PCL, in the event of an error, the location of the error (PDL name) is printed as "unknown" on the system settings list/error history.	A

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017a

Symptom Corrected	Suffix
[Printer] When performing forced print/error skip printing with the PCL, a delay occurs when printing out each page, slowing down the printing speed markedly.	A
[Scanner] The Start key standby condition (machine waiting to scan second side of original) cannot be cleared if the number of sheets specified for scanning is 1.	A
[Scanner] Modified so that the machine does not enter Night Mode while printing out the scanner history report.	A
[Scanner] When selecting a 100-member group after selecting 1 destination inside the same Scanner page, the destination initially selected is removed.	A
[Scanner] "No paper in the bypass tray" is displayed if there is no paper in the LCT while printing out the scanner history.	A
[Scanner] Scanner jobs sometimes cannot be canceled midway through.	A
[Scanner] The Stop key can be used with re-forwarding mode.	A
[Scanner] When "Sending" is displayed during re-forwarding (Scanner), and the "input registration number" button is pressed (machine prompts operator for number), the timer for the "Sending" message comes on line and clears it, even though the registration number button is still active.	A
[Scanner] If a reset occurs during Scanner password authentication, defaults cannot be restored.	A
[Scanner] Sectors in shared memory for storing error alert information are damaged.	A
[Scanner] A transmission error occurs during fragmented mail transmission, followed by a connection error on the first retry, then SC990 (should not be displayed) on the second retry.	A
[Scanner] Memory leak occurs after repeatedly canceling documents in standby for forwarding.	A
When the printer is in standby for printing out pre-set jobs, it displays both the job information and "Ready".	G3385204
Display errors on pre-set job screen (user name, document name, last character in "details" column).	G3385204
If the host cancels the spool-printing job of a large file (10MB or more) while it is being printed out, the display reads, "Resetting job" and does not change.	G3385204
With PCL5e/PCL6 printing, the job name is not displayed on the LCD panel, and the job is not listed in the job history.	G3385204
If a slip-sheet size different from the original is specified (Bypass Tray printing), an alert is displayed and does not clear.	G3385204
The AP MAC address is displayed even when the wireless LAN is set for Adhoc mode.	G3385204
Spec change: The default for the Custom Size (Printer initial settings → Bypass Paper Size → Custom Size) has been changed from A4 → letter for NA. Note: A4 is still the default for EU.	G3385204
When specifying 4 holes to be punched in the right side of the paper, 4 holes are punched in the left side.	G3385204
After an SP operations error, the correct SP mode number is not logged in the error log.	G3385204
With the Chinese display language, on the bypass tray size setting screen, the characters used for the up/down scroll keys are displayed outside their boxes.	G3385204

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017a

Symptom Corrected	Suffix
Display error on the B469 Finisher tray full screen: Incorrect: "Remove the paper from_$_Finisher shift tray 1._$__$_⌋" Correct: "Remove the paper from_$_Finisher shift tray._$__$_⌋"	G3385204
When sending with Centro, "Waiting" is displayed even after the I/F switching time has been reached.	G3385204
If program content printing is performed when there is no program, "There is no program registered" is displayed, but only for a brief moment, and then clears (normal: 3 seconds).	G3385204
On the forced printing screen when specifying LG (8 1/2 x 14) paper with no orientation, this size is incorrectly displayed as "8 1/4 x 14."	G3385204
If "Clear" is pressed on the error clear alert, the machine continues printing.	G3385204
When locked printing or copy server printing is performed with screen spooling and user access control both ON, the display reads, "Printing".	G3385204
When using job cancel while printing out multiple jobs with locked printing, only the current job is canceled (all other jobs are printed out).	G3385204
Bold may not work with some True Type fonts.	G3385204
Slow printing from AutoCAD (GFRP #RC02070001).	G3385204
Same line width when bitSW3 #3 is ON in CAD printer (GFPR #RE02050016).	G3385204
The Orientation, Edge to Edge Print and Extend A4 Width menu settings are lost when the power is turned Off/On (not saved in NARAM), and are returned to their defaults.	G3385204
Processing time for SP memory clear (SP5-801-008) is too long.	B0665205B
On the forced print screen, if the specified size is "undefined", the size area (4th line) is not displayed.	B0665205B
Mm ←→ inch conversion error with custom sizes for bypass tray feeding.	B0665205B
Summary wording change: "Quantity of Print Sets" → "Copies"	B0665205B
When menu lock is enabled from WEB, the Printer initial settings key mark is not displayed.	B0665205B
Line spacing command, "lochEsc&l#D" loch causes incorrect output (GFPR #RC02050002).	B0665205B
Stall occurs when there is little memory installed (PCL).	B0665205B
Euro currency symbol is not printed.	B0665205B
When using bold fonts, short lines may appear around text characters.	B0665205B
Text characters appear too thick with some bolded fonts, removing the fine detail.	B0665205B

Model: General RTB	Date: 27-Dec-02	No.: RGene012

Subject: GW Products - Hardware Ethernet Problem	Prepared by: T. Itoh
From: Technical Services Sec. Service Planning Dept.	

Classification:	☒ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Other ( )		

SYMPTOM

When the main switch is turned on, the error message "Hardware Ethernet Problem" may be displayed under the following condition on the GW-based products.

Conditions:
• Network speed on the hub has been set to 100Mbps fixed with full duplex, and
• Length of network cable is too long (60 m or more) or the cable quality is not good enough

CAUSE

When the main switch is turned on, the machine performs a loop-back test. If the cable length is too long or its quality is not good enough, the damping factor for the data transmission becomes worse, and the machine incorrectly detects an error during this test. This happens only when the network speed is set to 100Mbps fixed with full duplex. The PHY chip used on the controller board causes this.

SOLUTION

- Temporary Solution -
• Set the network speed on the hub to Auto-sensing,
• Use a shorter cable or a cable with a lower damping factor, or
• Disconnect the network cable and power on the printer; then, set the cable after the printer comes to the ready condition.

- Permanent Solution -
The controller firmware will be modified to avoid the incorrect detection of this error message. The schedule of firmware modification is as follows.

Product Type	Product	Firmware Modification Cut-in Schedule
Fax	Kaiser 3	at next modification
Printer	Model-K P1	
	Model-K P2	
	Model-J P1b	
	Model-J CF	
	Model-U P1e	'03 January production run
	Model-A P3	'03 March production run
MFP	Model-R C2	at next modification run
	Model-A C2	
	Model-M C1	
	Model-U C1	'03 February production run

NOTE:
Firmware will be posted in the usual manner when it is released.

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Technical Bulletin

Model: Martini-C1	Date: 7-Jan-03	No.: RB064022

Subject: Controller Lock-up when Printing	Prepared by: K. Miura
From: Technical Services Sec. Service Planning Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Other ( )		

SYMPTOM

The Data In (Buffer) light keeps blinking, and the machine indicates "Printing" or "Waiting", but nothing prints.

CAUSE

The PCL interpreter continues waiting for "tandem tray ready" status from the mainframe because the interpreter misses the "tandem tray ready" status after auto-loading paper in the tandem tray.

SOLUTION

We released printer firmware v1.09 on Dec.07 to https://support.ricoh.com/.

In addition, we will fix this issue from the first mass production in January.

Reissued: 14-Feb-03

Model: Martini-C1	Date: 6-Dec-02	No.: RB064015a

RTB Correction
The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 NIB/NetFile)	Prepared by: K. Miura
From: Technical Services Sec. Service Planning Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

This is to inform you of the firmware history for the Martini-C1 BCU.

B0655114	NIB (PHY) Version	NetFile (NFA) Version	C.SUM	Production
D	3.54	1.11	2658	1st Mass Prod.
E	3.55	1.11	4088	November Prod. 02'
F	*3.56*	*1.11*	*177E*	*February Prod. 03'*

Symptom Corrected	Suffix
SC990 occurs with continuous LPR print jobs sent from a Windows NT station.	*F*
Change in Specification: 1. Changed the default setting of DHCP to ON. Note: When upgrading to this version, the DHCP setting will only change to ON if it is manually set or a factory default clear is performed after update. 2. TCP ports can be opened/closed. Note: After performing the setting to disable HTTP, it is not possible to access the target device through the web browser. To change this setting, use telnet to open HTTP. When the telnet port is disabled, it is necessary to clear the network settings (Memory Clear for NCS) to open the telnet port. 3. Supports new wireless LAN (IEEE802.11b). Note: Since this is due to a vendor change, the new LAN cannot be used with suffix D firmware.	E

Reissued: 20-Feb-03

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017b

RTB Correction

The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 Printer/Scanner)	Prepared by: K.Miura	
From: Technical Services sec. Service Planning Dept.		
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Other ( )	☐ Part information ☐ Electrical ☐ Transmit/receive	☐ Action required ☐ Service manual revision ☒ Retrofit information

This is to inform you of the firmware history for the Martini-C1 Printer/Scanner.

Part Number	Printer Version	Scanner Version	C.SUM	Production
B0665205A	1.00	1.13	9A16	1st Mass Prod.
B	1.02	1.13	0286	August 02' Prod.
G3385204	1.07	1.13	97B6	October 02' Prod.
A	1.08	1.20	3C5F	November 02' Prod.
B	1.09	1.20	EE07	December 02' Prod.
C	1.09	2.00	6A71	December 02' Prod.
D	*1.10*	*2.00*	*D2D4*	*March 03' Prod.*

Symptom Corrected	Suffix
Duplex face settings (front/rear) not applied correctly when specified with PCL commands. *NOTE: In addition to this firmware version, see RTB # RB064026 for other necessary action.*	*D*
Selecting a HDD font or DIMM font may reduce available memory.	*D*
CAD files not printed out correctly.	*D*
Duplex printing does not function.	*D*
- Selecting a HDD font or DIMM font may reduce available memory. *- Support for SAP Barcode & OCR printing.*	*D*
Change in specification: If the MIB cannot successfully retrieve the display language information from the machine, the driver will be displayed in English.	C
[Printer] With duplex jobs containing mixed printing orientations, the printing orientation may sometimes be in reverse after changing back from landscape to portrait.	B
[Printer] When specifying "Front and Back Cover Sheet", the paper is not stapled/punched as expected.	B
[Printer] Supports mixed binding orientations with duplex jobs using cover sheets (GFPR #RC02080003).	B
[Printer] Some Chinese fonts do not print out correctly.	B
[Printer] Some characters overlap with Booklet printing.	B

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017b

Symptom Corrected	Suffix
[Printer] Printing may stop with files sent from INIFCO (GFPR #RE02090012).	B
[Printer] The response to the PJL INFO CONFIG command does not include the serial number.	B
[Printer] The Form Lines setting (PCL menu) is changed when the machine is rebooted (GFPR #RA02090003).	A
[Printer] With the PCL, in the event of an error, the location of the error (PDL name) is printed as "unknown" on the system settings list/error history.	A
[Printer] When performing forced print/error skip printing with the PCL, a delay occurs when printing out each page, slowing down the printing speed markedly.	A
[Scanner] The Start key standby condition (machine waiting to scan second side of original) cannot be cleared if the number of sheets specified for scanning is 1.	A
[Scanner] Modified so that the machine does not enter Night Mode while printing out the scanner history report.	A
[Scanner] When selecting a 100-member group after selecting 1 destination inside the same Scanner page, the destination initially selected is removed.	A
[Scanner] "No paper in the bypass tray" is displayed if there is no paper in the LCT while printing out the scanner history.	A
[Scanner] Scanner jobs sometimes cannot be canceled midway through.	A
[Scanner] The Stop key can be used with re-forwarding mode.	A
[Scanner] When "Sending" is displayed during re-forwarding (Scanner), and the "input registration number" button is pressed (machine prompts operator for number), the timer for the "Sending" message comes on line and clears it, even though the registration number button is still active.	A
[Scanner] If a reset occurs during Scanner password authentication, defaults cannot be restored.	A
[Scanner] Sectors in shared memory for storing error alert information are damaged.	A
[Scanner] A transmission error occurs during fragmented mail transmission, followed by a connection error on the first retry, then SC990 (should not be displayed) on the second retry.	A
[Scanner] Memory leak occurs after repeatedly canceling documents in standby for forwarding.	A
When the printer is in standby for printing out pre-set jobs, it displays both the job information and "Ready".	G3385204
Display errors on pre-set job screen (user name, document name, last character in "details" column).	G3385204
If the host cancels the spool-printing job of a large file (10MB or more) while it is being printed out, the display reads, "Resetting job" and does not change.	G3385204
With PCL5e/PCL6 printing, the job name is not displayed on the LCD panel, and the job is not listed in the job history.	G3385204
If a slip-sheet size different from the original is specified (Bypass Tray printing), an alert is displayed and does not clear.	G3385204

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017b

Symptom Corrected	Suffix
The AP MAC address is displayed even when the wireless LAN is set for Adhoc mode.	G3385204
Spec change: The default for the Custom Size (Printer initial settings → Bypass Paper Size → Custom Size) has been changed from A4 → letter for NA. Note: A4 is still the default for EU.	G3385204
When specifying 4 holes to be punched in the right side of the paper, 4 holes are punched in the left side.	G3385204
After an SP operations error, the correct SP mode number is not logged in the error log.	G3385204
With the Chinese display language, on the bypass tray size setting screen, the characters used for the up/down scroll keys are displayed outside their boxes.	G3385204
Display error on the B469 Finisher tray full screen: Incorrect: "Remove the paper from_$_Finisher shift tray 1._$__$_⌋" Correct: "Remove the paper from_$_Finisher shift tray._$__$_⌋"	G3385204
When sending with Centro, "Waiting" is displayed even after the I/F switching time has been reached.	G3385204
If program content printing is performed when there is no program, "There is no program registered" is displayed, but only for a brief moment, and then clears (normal: 3 seconds).	G3385204
On the forced printing screen when specifying LG (8 1/2 x 14) paper with no orientation, this size is incorrectly displayed as "8 1/4 x 14."	G3385204
If "Clear" is pressed on the error clear alert, the machine continues printing.	G3385204
When locked printing or copy server printing is performed with screen spooling and user access control both ON, the display reads, "Printing".	G3385204
When using job cancel while printing out multiple jobs with locked printing, only the current job is canceled (all other jobs are printed out).	G3385204
Bold may not work with some True Type fonts.	G3385204
Slow printing from AutoCAD (GFRP #RC02070001).	G3385204
Same line width when bitSW3 #3 is ON in CAD printer (GFPR #RE02050016).	G3385204
The Orientation, Edge to Edge Print and Extend A4 Width menu settings are lost when the power is turned Off/On (not saved in NARAM), and are returned to their defaults.	G3385204
Processing time for SP memory clear (SP5-801-008) is too long.	B0665205B
On the forced print screen, if the specified size is "undefined", the size area (4th line) is not displayed.	B0665205B
Mm ←→ inch conversion error with custom sizes for bypass tray feeding.	B0665205B
Summary wording change: "Quantity of Print Sets" → "Copies"	B0665205B
When menu lock is enabled from WEB, the Printer initial settings key mark is not displayed.	B0665205B
Line spacing command, "lochEsc&l#D" loch causes incorrect output (GFPR #RC02050002).	B0665205B
Stall occurs when there is little memory installed (PCL).	B0665205B
Euro currency symbol is not printed.	B0665205B
When using bold fonts, short lines may appear around text characters.	B0665205B
Text characters appear too thick with some bolded fonts, removing the fine detail.	B0665205B

Model: Martini-C1	Date: 14-Feb-03	No.: RB064025

Subject: ROM History (Martini-C1 PS3)	Prepared by: K. Miura
From: Technical Services Sec. Service Planning Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

This is to inform you of the firmware history for the Martini-C1 PS3.

B5255902	Version	C.SUM	Production
A	1.00	7CB0	1st Mass Prod.
B	1.01	61A7	October Prod. 02'

Symptom Corrected	Suffix
Euro currency symbol is not printed.	B
The printer controller freezes when printing from Unix Acrobat.	B
The printing speed of a PS job slows down after a PS3 job is reset.	B
When data is sent selected for 3-hole punching to the EU model, which only supports 2 & 4-hole punching, two holes are punched in the paper. Software modified so that no holes are punched when this data is sent.	B
Many "PunchCancelled" messages may be displayed in the Summary Error Log after sending data for which punching could not be applied.	B
Lines sometimes appear in (what should be) blank areas.	B
Printer controller unable to recognize the "copy <filename> <printername>" PS job command sent from a DOS prompt, and prints out the command itself as a character string.	B
Customized job not printed when feeding from a paper tray due to a "paper mismatch", which occurs even though the paper size set in the driver has also been set at the operation panel.	B

RICOH   Technical Bulletin

Model: Martini-C1	Date: 20-Feb-03	No.: RB064026

Subject: Mixed Simplex/Duplex commands do not work properly	Prepared by: K. Miura
From: Technical Services Sec. Service Planning Dept.	

Classification:	☒ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Other ( )		

SYMPTOM

Simplex/duplex face settings are not applied correctly when specified with PCL commands (see firmware history RTB # RB064017b).

CAUSE

The GPS module does not correctly process the incoming PCL commands.

SOLUTION

The following combination is only necessary for customers **using PCL commands to specify simplex/duplex face settings**:

- Modified Printer/Scanner firmware v1.10 – Applied from Mar '03 production, released to the global server at beginning of March.

- Modified PCL 5e/XL driver v1.3.0.0 – Applied from Mar '03 production, released to global server Feb 7.

- Change **bit SW6, #2** from 0 to **1** (enabled) – Necessary to change this manually on all units.

NOTE: Therefore for production units from Mar '03, it is only necessary to change the bit switch setting.

Reissued: 2-Apr-03

Model: Martini-C1	Date: 6-Dec-02	No.: RB064015b

RTB Correction
The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 NIB/NetFile)	Prepared by: K. Miura
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

Firmware history for the Martini-C1 NIB/Netfile.

B0655114	NIB (PHY) Version	NetFile (NFA) Version	C.SUM	Production
D	3.54	1.11	2658	1st Mass Prod.
E	3.55	1.11	4088	November Prod. 02'
F	3.56	1.11	177E	February Prod. 03'
G	*3.72*	*1.11*	*F232*	*March Prod. 03'*

Symptom Corrected	Suffix
Supports SMTP authentication. *Note: To use this function, it is necessary to update to the following firmware versions (or newer):* *GW Controller: 3.51 or later* *Scanner: 2.08 or later*	*G*
SC990 occurs with continuous LPR print jobs sent from a Windows NT station.	F
Change in Specification: 1. Changed the default setting of DHCP to ON. Note: When upgrading to this version, the DHCP setting will only change to ON if it is manually set or a factory default clear is performed after update. 2. TCP ports can be opened/closed. Note: After performing the setting to disable HTTP, it is not possible to access the target device through the web browser. To change this setting, use telnet to open HTTP. When the telnet port is disabled, it is necessary to clear the network settings (Memory Clear for NCS) to open the telnet port. 3. Supports new wireless LAN (IEEE802.11b). Note: Since this is due to a vendor change, the new LAN cannot be used with suffix D firmware.	E

Reissued: 8-Apr-03

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017c

RTB Correction
The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 Printer/Scanner)	Prepared by: K.Miura
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

Firmware history for the Martini-C1 Printer/Scanner.

Part Number	Printer Version	Scanner Version	C.SUM	Production
B0665205A	1.00	1.13	9A16	1st Mass Prod.
B	1.02	1.13	0286	August 02' Prod.
G3385204	1.07	1.13	97B6	October 02' Prod.
A	1.08	1.20	3C5F	November 02' Prod.
B	1.09	1.20	EE07	December 02' Prod.
C	1.09	2.00	6A71	December 02' Prod.
D	1.10	2.00	D2D4	March 03' Prod.
E	*1.11*	*2.08*	*43A1*	*March 03' Prod.*

NOTE: When installing Scanner Version 2.08 or later, it is necessary to install the following GW controller and NIB firmware:

   GW Controller: V3.51 or later

   NIB: V3.72 or later

Symptom Corrected	Suffix
[Printer] *Sample Prints are not shifted when printed out to the shift tray.*	*E*
[Printer] *Barcodes are shifted when printed out (GFPR#RE03010016).*	*E*
[Printer] *Firmware modified so that if there is no paper in the paper tray specified in the driver, the machine will perform Auto Tray Select and print out the job (previously, the job would be halted with an error).* *Note: To activate this function, it is necessary to turn BitSW#3-4 ON.*	*E*

[Scanner]
The following functions have been added for SMTP E-mail transmission:
   - SMTP Authentication
   - POP before SMTP
	E

[Scanner] *Supports Free BSD2.2.8/sendmail Wbeta7.*	*E*

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017c

Symptom Corrected	Suffix
Duplex face settings (front/rear) not applied correctly when specified with PCL commands. NOTE: In addition to this firmware version, see RTB # RB064026 for other necessary action.	D
Selecting HDD font or DIMM font may reduce available memory.	D
CAD files not printed out correctly.	D
Duplex printing does not function.	D
- Selecting HDD font or DIMM font may reduce available memory. - Supported SAP Barcode & OCR printing.	D
Change in specification: If the MIB cannot successfully retrieve the display language information from the machine, the driver will be displayed in English.	C
[Printer] With duplex jobs containing mixed printing orientations, the printing orientation may sometimes be in reverse after changing back from landscape to portrait.	B
[Printer] When specifying "Front and Back Cover Sheet", the paper is not stapled/punched as expected.	B
[Printer] Supports mixed binding orientations with duplex jobs using cover sheets (GFPR #RC02080003).	B
[Printer] Some Chinese fonts do not print out correctly.	B
[Printer] Some characters overlap with Booklet printing.	B
[Printer] Printing may stop with files sent from INIFCO (GFPR #RE02090012).	B
[Printer] The response to the PJL INFO CONFIG command does not include the serial number.	B
[Printer] The Form Lines setting (PCL menu) is changed when the machine is rebooted (GFPR #RA02090003).	A
[Printer] With the PCL, in the event of an error, the location of the error (PDL name) is printed as "unknown" on the system settings list/error history.	A
[Printer] When performing forced print/error skip printing with the PCL, a delay occurs when printing out each page, slowing down the printing speed markedly.	A
[Scanner] The Start key standby condition (machine waiting to scan second side of original) cannot be cleared if the number of sheets specified for scanning is 1.	A
[Scanner] Modified so that the machine does not enter Night Mode while printing out the scanner history report.	A
[Scanner] When selecting a 100-member group after selecting 1 destination inside the same Scanner page, the destination initially selected is removed.	A
[Scanner] "No paper in the bypass tray" is displayed if there is no paper in the LCT while printing out the scanner history.	A
[Scanner] Scanner jobs sometimes cannot be canceled midway through.	A
[Scanner] The Stop key can be used with re-forwarding mode.	A

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017c

Symptom Corrected	Suffix
[Scanner] When "Sending" is displayed during re-forwarding (Scanner), and the "input registration number" button is pressed (machine prompts operator for number), the timer for the "Sending" message comes on line and clears it, even though the registration number button is still active.	A
[Scanner] If a reset occurs during Scanner password authentication, defaults cannot be restored.	A
[Scanner] Sectors in shared memory for storing error alert information are damaged.	A
[Scanner] A transmission error occurs during fragmented mail transmission, followed by a connection error on the first retry, then SC990 (should not be displayed) on the second retry.	A
[Scanner] Memory leak occurs after repeatedly canceling documents in standby for forwarding.	A
When the printer is in standby for printing out pre-set jobs, it displays both the job information and "Ready".	G3385204
Display errors on pre-set job screen (user name, document name, last character in "details" column).	G3385204
If the host cancels the spool-printing job of a large file (10MB or more) while it is being printed out, the display reads, "Resetting job" and does not change.	G3385204
With PCL5e/PCL6 printing, the job name is not displayed on the LCD panel, and the job is not listed in the job history.	G3385204
If a slip-sheet size different from the original is specified (Bypass Tray printing), an alert is displayed and does not clear.	G3385204
The AP MAC address is displayed even when the wireless LAN is set for Adhoc mode.	G3385204
Spec change: The default for the Custom Size (Printer initial settings → Bypass Paper Size → Custom Size) has been changed from A4 → letter for NA. Note: A4 is still the default for EU.	G3385204
When specifying 4 holes to be punched in the right side of the paper, 4 holes are punched in the left side.	G3385204
After an SP operations error, the correct SP mode number is not logged in the error log.	G3385204
With the Chinese display language, on the bypass tray size setting screen, the characters used for the up/down scroll keys are displayed outside their boxes.	G3385204
Display error on the B469 Finisher tray full screen: *Incorrect: "Remove the paper from Finisher shift tray 1."* *Correct: "Remove the paper from Finisher shift tray."*	G3385204
When sending with Centro, "Waiting" is displayed even after the I/F switching time has been reached.	G3385204
If program content printing is performed when there is no program, "There is no program registered" is displayed, but only for a brief moment, and then clears (normal: 3 seconds).	G3385204
On the forced printing screen when specifying LG (8 1/2 x 14) paper with no orientation, this size is incorrectly displayed as "8 1/4 x 14."	G3385204
If "Clear" is pressed on the error clear alert, the machine continues printing.	G3385204
When locked printing or copy server printing is performed with screen spooling and user access control both ON, the display reads, "Printing".	G3385204
When using job cancel while printing out multiple jobs with locked printing, only the current job is canceled (all other jobs are printed out).	G3385204
Bold may not work with some True Type fonts.	G3385204
Slow printing from AutoCAD (GFRP #RC02070001).	G3385204
Same line width when bitSW3 #3 is ON in CAD printer (GFPR #RE02050016).	G3385204

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017c

Symptom Corrected	Suffix
The Orientation, Edge to Edge Print and Extend A4 Width menu settings are lost when the power is turned Off/On (not saved in NARAM), and are returned to their defaults.	G3385204
Processing time for SP memory clear (SP5-801-008) is too long.	B0665205 B
On the forced print screen, if the specified size is "undefined", the size area (4th line) is not displayed.	B0665205 B
Mm ←→ inch conversion error with custom sizes for bypass tray feeding.	B0665205 B
Summary wording change: "Quantity of Print Sets" → "Copies"	B0665205 B
When menu lock is enabled from WEB, the Printer initial settings key mark is not displayed.	B0665205 B
Line spacing command, "lochEsc&l#D" loch causes incorrect output (GFPR #RC02050002).	B0665205 B
Stall occurs when there is little memory installed (PCL).	B0665205 B
Euro currency symbol is not printed.	B0665205 B
When using bold fonts, short lines may appear around text characters.	B0665205 B
Text characters appear too thick with some bolded fonts, removing the fine detail.	B0665205 B

Model: Martini-C1	Date: 14-Feb-03	No.: RB064025a

RTB Correction
The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 PS3)	Prepared by: K. Miura
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

Firmware history for the Martini-C1 PS3.

B5255902	Version	C.SUM	Production
A	1.00	7CB0	1st Mass Prod.
B	1.01	61A7	October Prod. 02'
C	*1.02*	*E285*	*March Prod. 03'*

Symptom Corrected	Suffix
Modified for Adobe certification.	*C*
Wording correction on job info. descriptions.	*C*
Modified so that Media Handling can be used when specifying the SuperOption.	*C*
Slow printing from AutoCAD.	*C*
Configuration error when MediaType is set to an undefined value in the PS file (modified to a default of 1). Refer to FPR R030020001.	*C*
Supports Edge-to-Edge printing.	*C*
Supports CtlZ.	*C*
Only the first duplex command is applied when the PS file contains a mixture of simplex and duplex short/long stapling orientations. *Note: This does not occur when printing from Windows.*	*C*
Euro currency symbol is not printed.	B
The printer controller freezes when printing from Unix Acrobat.	B
The printing speed of a PS job slows down after a PS3 job is reset.	B
When data is sent selected for 3-hole punching to the EU model, which only supports 2 & 4-hole punching, two holes are punched in the paper. Software modified so that no holes are punched when this data is sent.	B
Many "PunchCancelled" messages may be displayed in the Summary Error Log after sending data to which punching could not be applied.	B
Lines sometimes appear in (what should be) blank areas.	B
Printer controller unable to recognize the "copy <filename> <printername>" PS job command sent from a DOS prompt, and prints out the command itself as a character string.	B
Customized job not printed when feeding from a paper tray due to a "paper mismatch", which occurs even though the paper size set in the driver has also been set at the operation panel.	B

Reissued: 3-Jun-03

Model: Martini-C1	Date: 6-Dec-02	No.: RB064015c

RTB Correction
The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 NIB/NetFile)	Prepared by: K. Miura
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

Firmware history for the Martini-C1 NIB/Netfile.

1) Machines <u>without</u> the Copy Connector Kit or MLB option installed

B0655114	NIB (PHY) Version	NetFile (NFA) Version	C.SUM	Production
D	3.54	1.11	2658	1st Mass Prod.
E	3.55	1.11	4088	November Prod. 02'
F	3.56	1.11	177E	February Prod. 03'
G	3.72	1.11	F232	March Prod. 03'

2) Machines <u>with</u> the Copy Connector Kit or MLB option installed

B5254114	NIB (PHY) Version	NetFile (NFA) Version	C.SUM	Production
	3.00	*1.79.1*	*5859*	*1st Mass Prod.*

IMPORTANT:

With the Copy Connector/MLB modifications, the machine firmware has been divided up into 2 main groups (BCU, GW, NIB/Netfile, LCDC, Printer/Scanner):
1) The usual firmware used up to the present, i.e. for machines without the Copy Connector or MLB options.
2) The Copy Connector/MLB group

Firmware from these two groups cannot be used interchangeably. Always update within the same group, or the machine will not operate correctly.

Reissued: 3-Jun-03

| Model: Martini-C1 | Date: 6-Dec-02 | No.: RB064015c |

Symptom Corrected	Usual	CCK/ MLB
Supports the Copy Connector Kit and MLB option.	–	***B525 4114***
Supports SMTP authentication. Note: To use this function, it is necessary to update to the following firmware versions (or newer): GW Controller: 3.51 or later Scanner: 2.08 or later	G	–
SC990 occurs with continuous LPR print jobs sent from a Windows NT station.	F	–
Change in Specification: 1. Changed the default setting of DHCP to ON. Note: When upgrading to this version, the DHCP setting will only change to ON if it is manually set or a factory default clear is performed after update. 2. TCP ports can be opened/closed. Note: After performing the setting to disable HTTP, it is not possible to access the target device through the web browser. To change this setting, use telnet to open HTTP. When the telnet port is disabled, it is necessary to clear the network settings (Memory Clear for NCS) to open the telnet port. 3. Supports new wireless LAN (IEEE802.11b). Note: Since this is due to a vendor change, the new LAN cannot be used with suffix D firmware.	E	–

Reissued: 3-Jun-03

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017d

RTB Correction
The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 Printer/Scanner)	Prepared by: K.Miura
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

Firmware history for the Martini-C1 Printer/Scanner.

1) Machines <u>without</u> the Copy Connector Kit or MLB option installed

Part Number	Printer Version	Scanner Version	C.SUM	Production
B0665205A	1.00	1.13	9A16	1st Mass Prod.
B	1.02	1.13	0286	August 02' Prod.
G3385204	1.07	1.13	97B6	October 02' Prod.
A	1.08	1.20	3C5F	November 02' Prod.
B	1.09	1.20	EE07	December 02' Prod.
C	1.09	2.00	6A71	December 02' Prod.
D	1.10	2.00	D2D4	March 03' Prod.
E	1.11	2.08	43A1	March 03' Prod.

NOTE: When installing Scanner Version 2.08 or later, it is necessary to install the following GW controller and NIB firmware:

    GW Controller: V3.51 or later

    NIB: V3.72 or later

2) Machines <u>with</u> the Copy Connector Kit or MLB option installed

Part Number	Printer Version	Scanner Version	C.SUM	Production
B5255204	4.15	5.00	5AA6	1st Mass Prod.

IMPORTANT:

With the Copy Connector/MLB modifications, the machine firmware has been divided up into 2 main groups (BCU, GW, NIB/Netfile, LCDC, Printer/Scanner):
1) The usual firmware used up to the present, i.e. for machines without the Copy Connector or MLB options.
2) The Copy Connector/MLB group

Firmware from these two groups cannot be used interchangeably. Always update within the same group, or the machine will not operate correctly.

Reissued: 3-Jun-03

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017d

Symptom Corrected	Usual	CCK/ MLB
Supports the Copy Connector Kit and MLB option.	–	B525 5204
[Printer] Sample Prints are not shifted when printed out to the shift tray.	E	–
[Printer] Barcodes are shifted when printed out (GFPR#RE03010016).	E	–
[Printer] Firmware modified so that if there is no paper in the paper tray specified in the driver, the machine will perform Auto Tray Select and print out the job (previously, the job would be halted with an error). Note: To activate this function, it is necessary to turn BitSW#3-4 ON.	E	–

[Scanner]
The following functions have been added for SMTP E-mail transmission:
    - SMTP Authentication
    - POP before SMTP
	E	–

[Scanner] Supports Free BSD2.2.8/sendmail Wbeta7.	E	–
Duplex face settings (front/rear) not applied correctly when specified with PCL commands. NOTE: In addition to this firmware version, see RTB # RB064026 for other necessary action.	D	–
Selecting HDD font or DIMM font may reduce available memory.	D	–
CAD files not printed out correctly.	D	–
Duplex printing does not function.	D	–
- Selecting HDD font or DIMM font may reduce available memory. - Supported SAP Barcode & OCR printing.	D	–
Change in specification: If the MIB cannot successfully retrieve the display language information from the machine, the driver will be displayed in English.	C	–
[Printer] With duplex jobs containing mixed printing orientations, the printing orientation may sometimes be in reverse after changing back from landscape to portrait.	B	–
[Printer] When specifying "Front and Back Cover Sheet", the paper is not stapled/punched as expected.	B	–
[Printer] Supports mixed binding orientations with duplex jobs using cover sheets (GFPR #RC02080003).	B	–
[Printer] Some Chinese fonts do not print out correctly.	B	–
[Printer] Some characters overlap with Booklet printing.	B	–
[Printer] Printing may stop with files sent from INIFCO (GFPR #RE02090012).	B	–
[Printer] The response to the PJL INFO CONFIG command does not include the serial number.	B	–
[Printer] The Form Lines setting (PCL menu) is changed when the machine is rebooted (GFPR #RA02090003).	A	–

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017d

Symptom Corrected	Usual	CCK/ MLB
[Printer] With the PCL, in the event of an error, the location of the error (PDL name) is printed as "unknown" on the system settings list/error history.	A	–
[Printer] When performing forced print/error skip printing with the PCL, a delay occurs when printing out each page, slowing down the printing speed markedly.	A	–
[Scanner] The Start key standby condition (machine waiting to scan second side of original) cannot be cleared if the number of sheets specified for scanning is 1.	A	–
[Scanner] Modified so that the machine does not enter Night Mode while printing out the scanner history report.	A	–
[Scanner] When selecting a 100-member group after selecting 1 destination inside the same Scanner page, the destination initially selected is removed.	A	–
[Scanner] "No paper in the bypass tray" is displayed if there is no paper in the LCT while printing out the scanner history.	A	–
[Scanner] Scanner jobs sometimes cannot be canceled midway through.	A	–
[Scanner] The Stop key can be used with re-forwarding mode.	A	–
[Scanner] When "Sending" is displayed during re-forwarding (Scanner), and the "input registration number" button is pressed (machine prompts operator for number), the timer for the "Sending" message comes on line and clears it, even though the registration number button is still active.	A	–
[Scanner] If a reset occurs during Scanner password authentication, defaults cannot be restored.	A	–
[Scanner] Sectors in shared memory for storing error alert information are damaged.	A	–
[Scanner] A transmission error occurs during fragmented mail transmission, followed by a connection error on the first retry, then SC990 (should not be displayed) on the second retry.	A	–
[Scanner] Memory leak occurs after repeatedly canceling documents in standby for forwarding.	A	–
When the printer is in standby for printing out pre-set jobs, it displays both the job information and "Ready".	G338 5204	–
Display errors on pre-set job screen (user name, document name, last character in "details" column).	G338 5204	–
If the host cancels the spool-printing job of a large file (10MB or more) while it is being printed out, the display reads, "Resetting job" and does not change.	G338 5204	–
With PCL5e/PCL6 printing, the job name is not displayed on the LCD panel, and the job is not listed in the job history.	G338 5204	–
If a slip-sheet size different from the original is specified (Bypass Tray printing), an alert is displayed and does not clear.	G338 5204	–
The AP MAC address is displayed even when the wireless LAN is set for Adhoc mode.	G338 5204	–

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017d

Symptom Corrected	Usual	CCK/ MLB
Spec change: The default for the Custom Size (Printer initial settings → Bypass Paper Size → Custom Size) has been changed from A4 → letter for NA. Note: A4 is still the default for EU.	G338 5204	–
When specifying 4 holes to be punched in the right side of the paper, 4 holes are punched in the left side.	G338 5204	–
After an SP operations error, the correct SP mode number is not logged in the error log.	G338 5204	–
With the Chinese display language, on the bypass tray size setting screen, the characters used for the up/down scroll keys are displayed outside their boxes.	G338 5204	–
Display error on the B469 Finisher tray full screen: Incorrect: "Remove the paper from Finisher shift tray 1." Correct: "Remove the paper from Finisher shift tray."	G338 5204	–
When sending with Centro, "Waiting" is displayed even after the I/F switching time has been reached.	G338 5204	–
If program content printing is performed when there is no program, "There is no program registered" is displayed, but only for a brief moment, and then clears (normal: 3 seconds).	G338 5204	–
On the forced printing screen when specifying LG (8 1/2 x 14) paper with no orientation, this size is incorrectly displayed as "8 1/4 x 14."	G338 5204	–
If "Clear" is pressed on the error clear alert, the machine continues printing.	G338 5204	–
When locked printing or copy server printing is performed with screen spooling and user access control both ON, the display reads, "Printing".	G338 5204	–
When using job cancel while printing out multiple jobs with locked printing, only the current job is canceled (all other jobs are printed out).	G338 5204	–
Bold may not work with some True Type fonts.	G338 5204	–
Slow printing from AutoCAD (GFRP #RC02070001).	G338 5204	–
Same line width when bitSW3 #3 is ON in CAD printer (GFPR #RE02050016).	G338 5204	–
The Orientation, Edge to Edge Print and Extend A4 Width menu settings are lost when the power is turned Off/On (not saved in NARAM), and are returned to their defaults.	G338 5204	–
Processing time for SP memory clear (SP5-801-008) is too long.	B066 5205B	–
On the forced print screen, if the specified size is "undefined", the size area (4th line) is not displayed.	B066 5205B	–
Mm ←→ inch conversion error with custom sizes for bypass tray feeding.	B066 5205B	–
Summary wording change: "Quantity of Print Sets" → "Copies"	B066 5205B	–
When menu lock is enabled from WEB, the Printer initial settings key mark is not displayed.	B066 5205B	–
Line spacing command, "lochEsc&l#D" loch causes incorrect output (GFPR #RC02050002).	B066 5205B	–
Stall occurs when there is little memory installed (PCL).	B066 5205B	–
Euro currency symbol is not printed.	B066 5205B	–
When using bold fonts, short lines may appear around text characters.	B066 5205B	–
Text characters appear too thick with some bolded fonts, removing the fine detail.	B066 5205B	–

Model: Martini-C1	Date: 6-Dec-02	No.: RB064015d

RTB Correction
The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 NIB/NetFile)	Prepared by: Y.Urushihara
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

This is to inform you of the firmware history for the Martini-C1 NIB/Netfile.

1) Machines <u>without</u> the Copy Connector Kit or MLB option installed

B0655114	NIB (PHY) Version	NetFile (NFA) Version	C.SUM	Production
D	3.54	1.11	2658	1st Mass Prod.
E	3.55	1.11	4088	November Prod. 02'
F	3.56	1.11	177E	February Prod. 03'
G	3.72	1.11	F232	March Prod. 03'
H	*3.73*	*1.1.2*	*7C8D*	*June Prod 03'*

2) Machines <u>with</u> the Copy Connector Kit or MLB option installed

B5254114	NIB (PHY) Version	NetFile (NFA) Version	C.SUM	Production
	3.00	*1.79.1*	*5859*	*1st Mass Prod.*

IMPORTANT:

With the Copy Connector/MLB modifications, the machine firmware has been divided up into 2 main groups (BCU, GW, NIB/Netfile, LCDC, Printer/Scanner):
1) The usual firmware used up to the present, i.e. for machines without the Copy Connector or MLB options.
2) The Copy Connector/MLB group

Firmware from these two groups cannot be used interchangeably. Always update within the same group, otherwise the machine will not operate correctly.

Reissued: 8-Aug-03

Model: Martini-C1	Date: 6-Dec-02	No.: RB064015d

Symptom Corrected	Usual	CCK/ MLB
SC819 sometimes occurs when browsing devices with SmartNetMonitor for Client using NetBEUI protocol.	*H*	*-*
Supports the Copy Connector Kit and MLB option.	_	B525 4114
Supports SMTP authentication. Note: To use this function, it is necessary to update to the following firmware versions (or newer): GW Controller: 3.51 or later Scanner: 2.08 or later	G	_
SC990 occurs with continuous LPR print jobs sent from a Windows NT station.	F	_
Change in Specification: 1. Changed the default setting of DHCP to ON. Note: When upgrading to this version, the DHCP setting will only change to ON if it is manually set or a factory default clear is performed after update. 2. TCP ports can be opened/closed. Note: After performing the setting to disable HTTP, it is not possible to access the target device through the web browser. To change this setting, use telnet to open HTTP. When the telnet port is disabled, it is necessary to clear the network settings (Memory Clear for NCS) to open the telnet port. 3. Supports new wireless LAN (IEEE802.11b). Note: Since this is due to a vendor change, the new LAN cannot be used with suffix D firmware.	E	_

Reissued: 8-Aug-03

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017e

RTB Correction
The items in bold italics have been corrected or added.

Subject: ROM History (Martini-C1 Printer/Scanner)	Prepared by: Y.Urushihara
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☒ Retrofit information
	☐ Other ( )		

This is to inform you of the firmware history for the Martini-C1 Printer/Scanner.

1) Machines <u>without</u> the Copy Connector Kit or MLB option installed

Part Number	Printer Version	Scanner Version	C.SUM	Production
B0665205A	1.00	1.13	9A16	1st Mass Prod.
B	1.02	1.13	0286	August 02' Prod.
G3385204	1.07	1.13	97B6	October 02' Prod.
A	1.08	1.20	3C5F	November 02' Prod.
B	1.09	1.20	EE07	December 02' Prod.
C	1.09	2.00	6A71	December 02' Prod.
D	1.10	2.00	D2D4	March 03' Prod.
E	1.11	2.08	43A1	March 03' Prod.
F	***1.13***	***2.14***	***4FD6***	***August 03' Prod***

NOTE: When installing Scanner Version 2.14 or later, it is necessary to install the following GW controller and NIB firmware:

   GW Controller: V3.51 or later

   NIB: V3.72 or later

2) Machines <u>with</u> the Copy Connector Kit or MLB option installed

Part Number	Printer Version	Scanner Version	C.SUM	Production
B5255204	4.15	5.00	5AA6	1st Mass Prod.

IMPORTANT:

With the Copy Connector/MLB modifications, the machine firmware has been divided up into 2 main groups (BCU, GW, NIB/Netfile, LCDC, Printer/Scanner):
1) The usual firmware used up to the present, i.e. for machines without the Copy Connector or MLB options.
2) The Copy Connector/MLB group

Firmware from these two groups cannot be used interchangeably. Always update within the same group, otherwise the machine will not operate correctly.

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017e

Symptom Corrected	Usual	CCK/ MLB
[Printer] **SNMP trap cannot be sent when an SC occurs (even when enabled).**	**F**	**-**
[Scanner] **SC990 or a panel freeze occurs if 70 or more scan-to-emails are sent since the last power ON with the mainframe POP3 Encryption set to Auto Select.**	**F**	**-**
[Scanner] **Scanner sometimes freezes when an email address is 123 characters or longer.**	**F**	**-**
[Scanner] **Garbled text when printing out SP5990-23 report (Scanner User Program).**	**F**	**-**
[Scanner] **Display error with operation panel keyboard (Korean display language).**	**F**	**-**
Supports the Copy Connector Kit and MLB option.	_	B525 5204
[Printer] Sample Prints are not shifted when printed out to the shift tray.	E	_
[Printer] Barcodes are shifted when printed out (GFPR#RE03010016).	E	_
[Printer] Firmware modified so that if there is no paper in the paper tray specified in the driver, the machine will perform Auto Tray Select and print out the job (previously, the job would be halted with an error). Note: To activate this function, it is necessary to turn BitSW#3-4 ON.	E	_

[Scanner]
The following functions have been added for SMTP E-mail transmission:
      - SMTP Authentication
      - POP before SMTP
	E	_

[Scanner] Supports Free BSD2.2.8/sendmail Wbeta7.	E	_
Duplex face settings (front/rear) not applied correctly when specified with PCL commands. NOTE: In addition to this firmware version, see RTB # RB064026 for other necessary action.	D	_
Selecting HDD font or DIMM font may reduce available memory.	D	_
CAD files not printed out correctly.	D	_
Duplex printing does not function.	D	_
- Selecting HDD font or DIMM font may reduce available memory. - Supported SAP Barcode & OCR printing.	D	_
Change in specification: If the MIB cannot successfully retrieve the display language information from the machine, the driver will be displayed in English.	C	_
[Printer] With duplex jobs containing mixed printing orientations, the printing orientation may sometimes be in reverse after changing back from landscape to portrait.	B	_
[Printer] When specifying "Front and Back Cover Sheet", the paper is not stapled/punched as expected.	B	_
[Printer] Supports mixed binding orientations with duplex jobs using cover sheets (GFPR #RC02080003).	B	_

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017e

Symptom Corrected	Usual	CCK/ MLB
[Printer] Some Chinese fonts do not print out correctly.	B	_
[Printer] Some characters overlap with Booklet printing.	B	_
[Printer] Printing may stop with files sent from INIFCO (GFPR #RE02090012).	B	_
[Printer] The response to the PJL INFO CONFIG command does not include the serial number.	B	_
[Printer] The Form Lines setting (PCL menu) is changed when the machine is rebooted (GFPR #RA02090003).	A	_
[Printer] With the PCL, in the event of an error, the location of the error (PDL name) is printed as "unknown" on the system settings list/error history.	A	_
[Printer] When performing forced print/error skip printing with the PCL, a delay occurs when printing out each page, slowing down the printing speed markedly.	A	_
[Scanner] The Start key standby condition (machine waiting to scan second side of original) cannot be cleared if the number of sheets specified for scanning is 1.	A	_
[Scanner] Modified so that the machine does not enter Night Mode while printing out the scanner history report.	A	_
[Scanner] When selecting a 100-member group after selecting 1 destination inside the same Scanner page, the destination initially selected is removed.	A	_
[Scanner] "No paper in the bypass tray" is displayed if there is no paper in the LCT while printing out the scanner history.	A	_
[Scanner] Scanner jobs sometimes cannot be canceled midway through.	A	_
[Scanner] The Stop key can be used with re-forwarding mode.	A	_
[Scanner] When "Sending" is displayed during re-forwarding (Scanner), and the "input registration number" button is pressed (machine prompts operator for number), the timer for the "Sending" message comes on line and clears it, even though the registration number button is still active.	A	_
[Scanner] If a reset occurs during Scanner password authentication, defaults cannot be restored.	A	_
[Scanner] Sectors in shared memory for storing error alert information are damaged.	A	_
[Scanner] A transmission error occurs during fragmented mail transmission, followed by a connection error on the first retry, then SC990 (should not be displayed) on the second retry.	A	_
[Scanner] Memory leak occurs after repeatedly canceling documents in standby for forwarding.	A	_
When the printer is in standby for printing out pre-set jobs, it displays both the job information and "Ready".	G338 5204	_
Display errors on pre-set job screen (user name, document name, last character in "details" column).	G338 5204	_

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017e

Symptom Corrected	Usual	CCK/ MLB
If the host cancels the spool-printing job of a large file (10MB or more) while it is being printed out, the display reads, "Resetting job" and does not change.	G338 5204	–
With PCL5e/PCL6 printing, the job name is not displayed on the LCD panel, and the job is not listed in the job history.	G338 5204	–
If a slip-sheet size different from the original is specified (Bypass Tray printing), an alert is displayed and does not clear.	G338 5204	–
The AP MAC address is displayed even when the wireless LAN is set for Adhoc mode.	G338 5204	–
Spec change: The default for the Custom Size (Printer initial settings → Bypass Paper Size → Custom Size) has been changed from A4 → letter for NA. Note: A4 is still the default for EU.	G338 5204	–
When specifying 4 holes to be punched in the right side of the paper, 4 holes are punched in the left side.	G338 5204	–
After an SP operations error, the correct SP mode number is not logged in the error log.	G338 5204	–
With the Chinese display language, on the bypass tray size setting screen, the characters used for the up/down scroll keys are displayed outside their boxes.	G338 5204	–
Display error on the B469 Finisher tray full screen: Incorrect: "Remove the paper from Finisher shift tray 1." Correct: "Remove the paper from Finisher shift tray."	G338 5204	–
When sending with Centro, "Waiting" is displayed even after the I/F switching time has been reached.	G338 5204	–
If program content printing is performed when there is no program, "There is no program registered" is displayed, but only for a brief moment, and then clears (normal: 3 seconds).	G338 5204	–
On the forced printing screen when specifying LG (8 1/2 x 14) paper with no orientation, this size is incorrectly displayed as "8 1/4 x 14."	G338 5204	–
If "Clear" is pressed on the error clear alert, the machine continues printing.	G338 5204	–
When locked printing or copy server printing is performed with screen spooling and user access control both ON, the display reads, "Printing".	G338 5204	–
When using job cancel while printing out multiple jobs with locked printing, only the current job is canceled (all other jobs are printed out).	G338 5204	–
Bold may not work with some True Type fonts.	G338 5204	–
Slow printing from AutoCAD (GFRP #RC02070001).	G338 5204	–
Same line width when bitSW3 #3 is ON in CAD printer (GFPR #RE02050016).	G338 5204	–
The Orientation, Edge to Edge Print and Extend A4 Width menu settings are lost when the power is turned Off/On (not saved in NARAM), and are returned to their defaults.	G338 5204	–
Processing time for SP memory clear (SP5-801-008) is too long.	B066 5205B	–
On the forced print screen, if the specified size is "undefined", the size area (4th line) is not displayed.	B066 5205B	–
Mm ←→ inch conversion error with custom sizes for bypass tray feeding.	B066 5205B	–
Summary wording change: "Quantity of Print Sets" → "Copies"	B066 5205B	–
When menu lock is enabled from WEB, the Printer initial settings key mark is not displayed.	B066 5205B	–
Line spacing command, "lochEsc&l#D" loch causes incorrect output (GFPR #RC02050002).	B066 5205B	–
Stall occurs when there is little memory installed (PCL).	B066 5205B	–

Model: Martini-C1	Date: 9-Dec-02	No.: RB064017e

Symptom Corrected	Usual	CCK/ MLB
Euro currency symbol is not printed.	B066 5205B	–
When using bold fonts, short lines may appear around text characters.	B066 5205B	–
Text characters appear too thick with some bolded fonts, removing the fine detail.	B066 5205B	–