

SB Number:	SB 2GR-022	Creation Date: 31/03/2009
Subject:	Firmware upgrade (Added maintenance mode U470 etc.)	
Model:	KM-3050/4050/5050	

Contents of changes	<ol style="list-style-type: none"> 1. Added functions to the fax box screen. 2. Removed the auto sleep mode off setting to comply with the BAM regulation. 3. Added "unknown toner" message when using toner which is out of specification. 4. Added maintenance mode U470 (Set JPEG Compression rate). 5. Correcting the ON/OFF setting of U632 (DIS 4Byte). 6. iFax RX/Mail print received incorrectly. 7. Added message when paper cassette for fax printing has been disabled. 8. Message change when waiting for fax re-dial. 9. Panel lock when printing received faxes. 10. Missing images on PCL print-outs. 11. Paper jam 05. 12. Operation panel lock when using the software keyboard.
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Firmware version V2.06	Type	Program No.	Check SUM	Version
	MAIN	S2GR_2000017014	-----	017.014
	MMI	S2GR_7000017013	-----	017.013
	ENGINE	S2GR_1000012003	-----	012.003
	SCANNER	S2GR_1200004001	-----	004.001

Classification	<input type="checkbox"/> Entire stock rework <input type="checkbox"/> In-field modification at next visit <input checked="" type="checkbox"/> In-field modification by case <input type="checkbox"/> No modification necessary
Field measure	When the above mentioned phenomena occur, please upgrade the firmware to the latest version. Please make sure that the main, MMI, engine and scanner firmware are upgraded at the same time.

Affected serial numbers	Type	Serial number
	KM-3050	PAH8419091 and higher
	KM-4050	PAJ8407197 and higher
	KM-5050	PAK8408199 and higher

Contents of changes	Item	Contents
	1	Added functions to the fax box screen. The following functions have been added to the fax box: 1. The free space of the optional CF back up kit has been added to the fax box screen. 2. The used disk space of every user has been added to the fax box screen.
	2	Removed the auto sleep mode off setting to comply with the BAM regulation. The auto sleep mode off setting has been removed. If this setting has been set to "off" before upgrading the firmware, the machine will shift into auto sleep mode after 8 minutes after the firmware upgrade.
	3	Added "unknown toner" message when using toner which is out of specification. The message "unknown toner" will now be displayed and printing will be disabled, if toner is used which is from a different area then the toner container.
	4	Added maintenance mode U470 (Set JPEG Compression rate). Maintenance mode U470 has been added in order to change the compression ratio for each JPEG compression step changeable (Step 1 to 5). Previously it was only possible to select step 1 to 5 to change the image quality.
	5	Correcting the ON/OFF setting of U632 (DIS 4Byte) When set to OFF 4 byte will not be used, before the change setting to OFF 4 byte will be used.
	6	iFax RX/Mail print received incorrectly. An iFax RX and/or Mail print cannot be received correctly, if the actual data size is different from the data size specified by the server.
	7	Added message when paper cassette for fax printing has been disabled. If the paper cassette used for fax printing is disabled and no other paper is available.
	8	Message change when waiting for fax re-dial. The status screen message for waiting for fax re-dial has been changed from "Sending" to "Waiting", in order not to confuse the message with a panel lock.
	9	Panel lock when printing received faxes. An operation panel lock may occur when printing received faxes. When this occurs the message "print over run" should be displayed, this however does not happen.
	10	Missing images on PCL print-outs. Images at the left edge of the print-out may not be printed, when printing PCL data.
	11	Paper jam 05 Paper jam 05 may occur when the number of print jobs becomes large.
	12	Operation panel lock when using the software keyboard. An operation panel lock may occur when using the software keyboard (E.G. when entering recipients for scanning) right after the power is switched on

Item 5: ON/OFF setting changes of maintenance mode U632 (Setting the DIS signal to 4 bytes)

	Setting	Operation	Contents
Before change	ON	Execute to move after Bit33 of DIS/DTC signal	DIS will not be controlled
	OFF	Do not execute to move after Bit33 of DIS/DTC signal	DIS will be 4byte
After change	ON	Do not execute to move after Bit33 of DIS/DTC signal	DIS will be 4byte
	OFF	Execute to move after Bit33 of DIS/DTC signal	DIS will not be controlled