Canon SERVICE BULLETIN **COPIER**

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MODEL: All GP models

No.: GP-GEN-001

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SUBJECT: SOFTWARE - FIRMWARE - HARDWARE REFERENCE MANUAL

A. Reference sheet

			Printer Board P1 (PCL5) (MDC)	Printer Board P2 (PCL5e) (MDC)	Printer Board A1 (PS/PCL5e) (MDC)	Printer Board C1 (CaPSL) (MDC)	Printer Board P3 (PCL5e) (GP215)	Printer Board B1 (PS/PCL5e) (GP215)
		Version	**22.01**	**12.03**	**15.11**	**10.24**	**01.32**	**03.04**
PCL	**CIS** Win311, 95	**2.22** (2.3 eng.)	√	√	√		√	√
	CIS WinNT3.51	**1.0**		√	√		√	√
	GCA WinNT3.51	**1.0**					√	√
	MMS Win3.11,95	**3.1**		√	√		√	√
	SW2000 WinNT4.0	**2.7**		√	√		√	√
PostScript	**CIS** Win3.11	**2.01** (2.1 eng.)			√			√
	CSME Win95,NT4.0	**1.0**			√			√
	CIS Macintosh	**1.1**			√			√
	IBM OS/2 Warp	**30.514**			√			√
CaPSL	**GCA** Win3.11,95	**1.0**				√		
	GCA WinNT3.51	**1.0**				√		
	GCA OS/2 Warp	**1.01**				√		

		I/F Board B1 (MDC)	I/F Board C1 (GP215)	NIB E2 (MDC)	NIB E2e (MDC)	NIB TR1 (MDC)	NIB E3e (GP215)	Axis 540+/542+ /640 (GP215/MDC)
		17.02	02.01	31.04	2.25	16.01	02.24	5.38.2
IPX/SPX				√	√	√	√	√
TCP/IP				√	√		√	√
EtherTalk				√	√		√	√
NetBIOS					√		√	√
NetSpot	2.3				√		√	
MPConsole	31.04			√		√		
ISIS		√	√					
TWAIN			√					

B. Software - Printer/Fax Drivers

Platform	PDL	Developer	Driver Version	Multilingual	Fax	Overlay	*GP215*	*GP MDC*
Windows 3.11	PCL5e	MMS	3.1	√	√	√	√	√
	PostScript	CIS	2.01 (2.1 eng.)	√	√		√	√
Windows 3.11 / 95	PCL5e	CIS	2.22 (2.3 eng.)	√	√		√	√
	CaPSL	GCA	1.0	√		√		√
Windows 95	PCL5e	MMS	3.1	√	√	√	√	√
	PostScript	CSME	1.0	√			√	√
	PortManager	CSME	1.0	√	√		√	
Windows NT3.51	PCL5e	GCA	1.0	√		√	√	
		CIS	1.0		√		√	√
	CaPSL	GCA	1.0	√		√		√
Windows NT4.0	PCL5e	SW2000	2.7	√		√	√	√
	PostScript	CSME	1.0	√			√	√
Apple Macintosh	PostScript	CIS/CSME	1.1	√	√		√	√
OS/2	PostScript	IBM	30.514					√
	CaPSL	GCA	1.01	√		√		√

C. Software - NetSpot 2.3
(FGP-0801000)

	Win3.1/3.11& WFW	Windows 95	Windows NT 3.51 / 4.0	Macintosh System 7 or higher	SunSolaris 2.5 or higher, SunOS 4.1 or higher
IPX/SPX	√	√	√	√	
TCP/IP		√	√	√	√
AppleTalk	√		√	√	
NetBIOS			√		

D. Software - GP Series Scannerkit

(FGP-0601000)

	ISIS Driver	PixView Application (ISIS)	TWAIN Driver	ScanWorks Application (TWAIN)
	Windows 3.x/95/NT3.51/4.0	Windows 3.x/95/NT3.51/4.0	Windows 3.x/95/NT4.0	Windows 3.x/95/NT4.0
GP MDC (30/55)	√	√		
GP215	√	√	√	√

E. Firmware

GP MDC **board name** **product number**	Firmware version	Specifications	Upgrade method
GP30F F13-2296001	DCContr: 03.01 IP: 20.01 IP flash: 36.03 (Ger, Fin, Swe, Nor, UK) IP flash: 37.01 (Dan, Dut, Frn, Ita, Por, Spa, Cru)		Change EPROMs Flash RAM via download utility Flash RAM via download utility
GP55II F12-8795001	DC Contr: 22.01 IP: 43.01 (42.01) Local Lang available		Change EPROMs Change EPROMs
MDC A1/B1 New Core II F23-7241702 (A1) F23-8641000 (B1)	90.01		Firmware upgrade is done from PC with special RS232C cable to the RC232C connector on the Core Board.
Printer Board P1 F61-5622700	22.01	Discontinued (PCL5)	To Upgrade the firmware cahange the ROMs on the board.
Printer Board P2 F61-5672700	12.03	Connectors: RS323C, Centronics (PCL5e)	Firmware upgrade is done from PC with normal Centronics cable straight to the Centronics port.
Printer Board C1 F61-5642000	10.24	Connectors: RS323C, Centronics (CaPSL)	Change EPROM
Multi PDL Board A1 F61-5662700	15.11	Connectors: RS323C, Centronics, LocalTalk, SCSI (for fonts HD) (PostScript, PCL5e)	Firmware upgrade is done from PC with normal Centronics cable straight to the boards connector.
NIB E2 F61-5633706	31.04	Supported protocols: TCP/IP, IPX/SPX, EtherTalk.	Firmware upgrade is done via network. Using MPFLASHET
NIB E2e F61-5617000	2.25	Protocols: TCP/IP, IPX/SPX, EthetTalk, NetBEUI	Firmware upgrade is done via network. Using NetSpot 2.3
NIB TR1 F61-5663700	16.01	Supported protocol: IPX/SPX	Firmware upgrade is done via network. Using MPFLASHTR
G3 Fax Board A1 F61-5671000 (EC) F61-5681000 (Swiss)	31.05 (Dut,Fin,Swe) 31.06 (Aus) 31.07 (Swi, Dan, Ita) 31.09 (Belg, Nor)	G3 TIFF format	To Upgrade the firmware change the ROMs on the board.
I/F Board B1 F61-5693700	17.02	SCSI	To Upgrade the firmware change the ROMs on the board.

E. Firmware (continued)

GP 215/210	Firmware version	Specifications	Upgrade method
GP215 F13-2991001	DC Contr 36.02 IP: 49.03 (Dut, Dan, Ita, Fin, Ger, Frn, Nor, Spa, Swe, UK, Pol, Por)		Change the EPROMs Use the Flash download utility from PC using the special RC232C connector under the front cover.
Protocol Controller	07.01		Firmware upgrade is done from PC with special RS232C cable to the RC232C connector under the front cover.
Printer Board P3 F61-6512-700	01.32	Connectors: RS323C, Centronics (PCL5e)	Firmware upgrade is done from PC with normal Centronics cable straight to the board's Parallel connector.
Multi PDL B1 F61-6502-700	03.04	Connectors: RS323C, Centronics, LocalTalk, SCSI (for fonts HD) (PostScript, PCL5e)	Firmware upgrade is done from PC with normal Centronics cable straight to the board's Parallel connector.
NIB E3e F61-6527-000	02.24	Protocols: TCP/IP, IPX/SPX, EthetTalk, NetBEUI	Firmware upgrade is done via network.
G3 Fax Board C1 F61-6541-000	Uses the Image Processor Firmware	There is no actual firmware for the Fax board. The information it needs is on the IP firmware. Uses G3 TIF format	Firmware upgrade is done from PC with special RS232C cable to the RC232C connector under the front cover.
I/F Board C1 F61-6552-000	02.01		Change the EPROM

F. Other GP related Software and Hardware

	Software / Firmware versions	Specifications	Upgrade method	GP215	GP MDC
Axis 540+ / 542+ /560 FGP-540EUR / FGP-540UK FGP-542EUR / FGP-542UK FGP-640EUR / FGP-640UK	NetPilot 1.7 Pserver 5.38.2	Axis 540+ is PrintServer with the10BaseT Connection (RJ45) and Axis 542+ is the PrintServer with 10Base2 Connection (BNC). Supported protocols: TCP/IP, IPS/SPX, NetBEUI/BIOS, EtherTalk. Axis 640 is PrintServer with the10BaseT Connection (RJ45) and 10Base2	The PrintServer Firmware is upgraded via Network with the NetPilot Software.	]	]