4247 Printer
Models 001, 002 with Coaxial Attachment

Quick Reference Guide

IBM

Configuration Menu Selection Chart

CATEGORIES	PARAMETERS / VALUES		
Configuration Storage	**Save Current Values**	**Recall Custom Set Values**	**Power-On Custom Set**

	Custom Set A Custom Set E
	Custom Set B Custom Set F
	Custom Set C Custom Set G
	Custom Set D Custom Set H
		Custom Set A Custom Set E
		Custom Set B Custom Set F
		Custom Set C Custom Set G
		Custom Set D Custom Set H
			* Last Used Custom Set E
			  Custom Set A Custom Set F
			  Custom Set B Custom Set G
			  Custom Set C Custom Set H
			  Custom Set D

	Power-On Paper Source	**Recall Factory Defaults**	

	* Front Bin 3
	  Rear Manual
	  Bin 1 Last Used
	  Bin 2
		Yes	

Attachment	* Coax Parallel		

Rear Tractor Use	* Push
	  Pull
	  Push-Pull		

Coax Configuration	**Characters per Inch** (CPI)	**Lines per Inch** (LPI)	**Single/Double Space**

	* 10
	  12
	  15
	  16.7
		* 6
		  8
			* Single
			  Double

	Maximum Print Position (MPP)	**Maximum Page Length** (MPL)	**Emulation Mode**

	* 132
	  001 – 136 (at 10 CPI)
	       163 (at 12 CPI)
	       204 (at 15 CPI)
	       227 (at 16.7 CPI)
		* 066
		  001 – 660 (at 6 LPI)
		       880 (at 8 LPI)
			* 4247
			  4224
			  4230
			  3287
			  3268

	Print Quality	**Print Language**	**Mono/Dual Case** (Print Language Dependent)

	* DP Quality
	  DP Text Quality
	  Near Letter Quality
		* 37 USA/Canada/Canadian Bilingual
		  ↑↓
		  1097 Farsi
			* Dual
			  Mono

	Print Text Direction (Print Language Dependent)	**Media Size Priority** (IPDS only)	
	* Right to Left Left to Right	Standard * Alternate	
	Printer Compatibility **Screen Buffer Size**	**Printer Compatibility 1** **Carriage Return at MPP + 1**	**Printer Compatibility 2** **New Line at MPP + 1**

	960
	* 1920
	  2560
	  3440
	  3564
		* Standard
		  Alternate
			* Standard
			  Alternate

	Printer Compatibility 3 **Form Feed Followed by Data**	**Printer Compatibility 4** **Form Feed is Last Character in Order**	**Printer Compatibility 5** **Null Suppression**

	* Standard
	  Alternate
		* Standard
		  Alternate
			* Standard
			  Alternate

	Printer Compatibility 6 **Form Feed Command Position**	**Printer Compatibility 7** **Automatic Function after End of** **Print Buffer**	**Printer Compatibility 8** **Automatic Function after OILC Job**

	* Standard
	  Alternate
		* Standard
		  Alternate
			* Standard
			  Alternate

	Printer Compatibility 9 **Suppress Timeout of No Data Loss** **Intervention Required**	**Printer Compatibility** **Early Print Complete**	**Printer Compatibility 12** **Automatic Function before Start of** **OILC Job**

	* Standard
	  Alternate
		* Disabled
		  Enabled
			* Standard
			  Alternate

	Printer Compatibility **Programmed Symbols**		
	* Disabled Enabled		

*   Manufacturing Default

CATEGORIES	PARAMETERS / VALUES		
Coax Configuration (Continued)	**Bar Code Mode** (IPDS only)	**Graphics Mode** (IPDS only)	**Alarm Control**

	* High
	  Low
	  Computer Selected
		* High
		  Low
		  Computer Selected
			* Enabled
			  Disabled

	Programmed Symbols (If enabled) **Plane Selection**	**Programmed Symbols** (If enabled) **Full Page on Skip Suppress**	**Programmed Symbols** (If enabled) **PS Print Direction**

	* 3 Single + 1 Triple
	  6 Single
		* Standard
		  Alternate
			* Unidirectional
			  Bidirectional

Parallel Configuration	**Characters per Inch** (CPI)	**Lines per Inch** (LPI)	**Maximum Print Position** (MPP)	**Maximum Page Length** (MPL)

	* 10
	  12
	  15
	  16.7
	  17.1
	  20
		* 6
		  8
			* 136
			  001 – 136 (at 10 CPI)
			        163 (at 12 CPI)
			        204 (at 15 CPI)
			        227 (at 16.7 CPI)
			        233 (at 17.1 CPI)
			        272 (at 20 CPI)
				* 066
				  001 – 660 (at 6 LPI)
				        880 (at 8 LPI)

Note: The table below continues the Parallel Configuration section.

Emulation Mode	**Print Language****	**Print Language*****	**Print Quality****

* 4247
  2381 Personal Printer
  4202 Proprinter III XL
  Epson-FX
	* 437 PC
	  ↑↓
	  1251 Cyrillic Windows
		* 0 USA
		  ↑↓
		  1251 Cyrillic Windows
			* DP Quality
			  DP Text Quality
			  Near Letter Quality
			  OCR-A
			  OCR-B

Print Quality***	**NLQ Typeface****	**Character Set**	

* DP Quality
  Courier
  Gothic
  OCR-A
  OCR-B
	* Courier
	  Gothic
		* PC1
		  PC2
		  Italics (Epson only)	

Printer Compatibility 3 **Automatic LF on CR** †	**Printer Compatibility 4** **Automatic CR on LF**	**Printer Compatibility 5** **Form Feed Suppression**	**Printer Compatibility 6** **Init** †
Enabled * Disabled	Enabled * Disabled	Enabled * Disabled	* Enabled Disabled
Printer Compatibility 7 **Condensed Print**	**Printer Compatibility 8** **Slashed Zero** †	**Printer Compatibility 9** **20 CPI**	

15
  16.7
* 17.1
	Enabled
	* Disabled
		* Enabled
		  Disabled	

Alarm Control	**Interface Type**	**Input Buffer Size**	**Select-In Signal****

* Enabled
  Disabled
	* PC Parallel
	  1284 Parallel
		256
		  2K
		  12K
		* 32K
		  64K
			* Enabled
			  Disabled

AutoFeed XT**			
Enabled * Disabled			

*   Manufacturing Default
**   When Emulation Mode is set to 4247, 4202 III XL, or 2381 Personal Printer
*** When Emulation Mode is set to Epson-FX
†   When Emulation Mode is set to Epson-FX, only Compatibility Options 3, 6, and 8 are available.

CATEGORIES	PARAMETERS / VALUES			
Printer Setup	**Paper Source**	**ASF Default Bin**	**ASF Bin 1 Media**	**ASF Bin Linking**
	* Front Rear Bin 1 Bin 2 Bin 3 Manual	* Bin 1 Bin 2 Bin 3	* Paper Envelope	* Disabled Bin 1+2 Bin 1+2+3 Bin 2+3
	Front Forms Backup	**Rear Forms Backup**	**Continuous Forms Linking**	**Form Feed Mode**
	* Enabled Disabled	* Enabled Disabled	Enabled * Disabled	* Not Active in Ready State Active in Ready State
	Automatic Eject	**Automatic Restore**	**Continuous Forms Eject Mode**	**Manual Paper Overlay**
	Enabled * Disabled	* Disabled Data Timer (10 Seconds) Timer (20 Seconds) Timer (30 Seconds) Timer (40 Seconds) Timer (50 Seconds)	* Immediate Eject Delayed Eject	Enabled * Disabled
	Automatic Manual Load	**Manual Feed Eject Mode**	**Bar Code Print Direction**	**Graphics Print Direction**
	* Enabled Disabled	* Top of Form Automatic Top of Form	Bidirectional * Unidirectional	Bidirectional * Unidirectional
	Perforation Safety	**Jam Sensors**		
	Enabled * Disabled	* Enabled Disabled		
Printer Adjustment	**Front AFTA**	**Front Tear Position**	**Front Left Margin Alignment**	**Front Paper Load Position**
	* 0 −5 to +3 Fixed 1 to 8	* 0 −312 to +24	* 10 0 to 60	* 0 −24 to +288
	Rear AFTA	**Rear Tear Position**	**Rear Left Margin Alignment**	**Rear Paper Load Position**
	* 0 −5 to +3 Fixed 1 to 8	* 0 −312 to +24	* 10 0 to 60	* 0 −24 to +288
	ASF Bin 1 AFTA	**ASF Bin 1 Left Margin Alignment**	**ASF Bin 1 Paper Load Position**	**ASF Bin 2 AFTA**
	* 0 −5 to +3 Fixed 1 to 8	* 10 0 to 60	* 0 −24 to +576	* 0 −5 to +3 Fixed 1 to 8
	ASF Bin 2 Left Margin Alignment	**ASF Bin 2 Paper Load Position**	**ASF Bin 3 AFTA**	**ASF Bin 3 Left Margin Alignment**
	* 10 0 to 60	* 0 −24 to +576	* 0 −5 to +3 Fixed 1 to 8	* 10 0 to 60
	ASF Bin 3 Paper Load Position	**Manual Feed AFTA**	**Manual Feed Left Margin Alignment**	**Manual Feed Paper Load Position**
	* 0 −24 to +576	* 0 −5 to +3 Fixed 1 to 8	* 10 0 to 60	* 0 −24 to +576
Power On Reset	Yes			
Display Language	* 000 English ↑↓ 010 Suomi			
Send Buffer Reprint Code	Yes * No			
Vital Product Data	**Serial Number**		**Device Specific Information**	
	XXXXXXX		XXXXXXXXXXXXXXX	
Quit from Menu	Restore Previous Values			

*   Manufacturing Default

Changing a Value on the Configuration Menu

1. Press **Stop**. The printer becomes *not ready.*

2. Press **Menu** to display the CONFIGURATION MENU on the operator panel display.

3. Press **Scroll Up**↑ or **Scroll Down**↓ until you find the Category you want.

4. Press **Enter** to select that Category.

5. Press **Scroll Up**↑ or **Scroll Down**↓ until you find the Parameter you want.

6. Press **Enter** to select that Parameter.

7. Press **Scroll Up**↑ or **Scroll Down**↓ until you find the Value you want.

8. Press **Enter** to select a new Value. An asterisk (*) appears to indicate the new current Value.

9. To return to the CONFIGURATION MENU, press **Return** to return to the Parameter level, and then press **Return** again.

10. To save changes to a Custom Set, return to the CONFIGURATION MENU. Select Configuration Storage. Select Save Current Values. Select a Custom Set.

11. To return the printer to *ready* from any level, press **Start**.

Custom Set in Use Indicator

```
READY                                          <X>
```

The current custom set in use is displayed in parentheses <X>.

Where <X> can be:

A   (Custom Set A in use)
C   (Custom Set C in use)
B   (Custom Set B in use)
D   (Custom Set D in use).
E   (Custom Set E in use)
F   (Custom Set F in use)
G   (Custom Set G in use).
H   (Custom Set H in use).

If a change was made in the Configuration Menu and not saved in a custom set, then the change is static and a **blank** < > is displayed in the parentheses.

Operator Print Tests

TEST	DESCRIPTION
Quick Reference	Print pages to show operator panel keys and configuration menu.
Printer Demonstration	Print pages showing available highlighting, print speeds, print qualities, text placements, and bar codes.
Printer Configuration	Print page showing current values for printer parameters.
Firmware Information	Print page to verify code version in your printer.
Printer Adjustments	Set and verify current adjustment parameters for the printer.

Key Description

KEY LABEL	DESCRIPTION
Menu	Enter the CONFIGURATION MENU.
Quiet	Reduces the printer noise level and the throughput of the printer.
Micro ↑ **Scroll** ↑	Move the form up 1/144 of an inch, or view the previous Menu item.
Micro ↓ **Scroll** ↓	Move the form down 1/144 of an inch, or view the next Menu item.
PA1 Enter	Send a PA1 Request to the host computer or select the current Menu item or begin a Test.
PA2 Return	Send a PA2 Request to the host computer or return to the previous Menu level.
Hex Print	Put the printer in Hex Print mode.
Park/ Path	Moves continuous forms out of the print area in Front Push, Rear Push, and Push-Pull modes, ejects the continuous forms in Rear Pull mode, or ejects cut-sheet forms in ASF or Manual Sheet modes, or selects the paper path.
Line Feed	Advance the form one print line, as defined by the current Lines Per Inch (LPI) setting.
Load/ Eject	Load form to the top of form position, eject form to the tear-off position, or eject the last form.
Form Feed	Advance the form to the next top of form position. (Not active for ASF and Manual Sheet modes)
Set Top of Form	Set the top of form position to the current location on the form. (Not active for ASF and Manual Sheet modes)
Start	Change the display from NOT READY to READY, exit the CONFIGURATION MENU, or begin a Test.
Stop	Change the display from READY to NOT READY, clear errors, turn off the alarm, or stop a Test.
Cancel Print	Send a Cancel Request to the host computer or stop a Test and return to READY.
Test	Enter the OPERATOR PRINT TESTS menu.

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Part Number: 63H6154

Printed in the United States of America
on recycled paper containing 10%
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