

PROGRAM MENU FLOW CHART

- 1 **FONT**
 - 2 Style
 - 3 Data Process
 - 4 High Speed
 - 5 Correspondence
 - 6 Gothic NLQ
 - 7 Courier NLQ
 - 8 Graphics
 - 9 OCR-A
 - 10 OCR-B
 - 11 Italic NLQ
 - 12 Char / Inch
 - 13 10
 - 14 12
 - 15 13.3
 - 16 15
 - 17 16.7
 - 18 Country
 - 19 (50 countries listed)
 - 20 Special Mode
 - 21 Normal
 - 22 Bold
 - 23 Underline
 - 24 Proportional
 - 25 Double Wide
 - 26 PRT Options
 - 27 Vert Expd Opt
 - 28 Default
 - 29 Baseline
 - 30 SScript On/Off
 - 31 Foldover On/Off
 - 32 Tail HS On/Off
 - 33 Horiz Expand
 - 34 X1 thru X8
 - 35 Vert Expand
 - 36 X1 thru X8
- 1 **LPI**
 - 2 6
 - 3 8
 - 4 10
 - 5 12
 - 6 15
 - 7 18
 - 8 200 thru 1525
- 1 **MARGIN SET**
 - 2 Cir Margins
 - 3 Set Left
 - 4 Set Right
- 1 **HORIZONTAL TABS**
 - 2 Clear All
 - 3 Next Tab
 - 4 Previous Tab
 - 5 Set Tab 1
 - 6 Clear Tab 1
- 1 **VERTICAL FORMAT**
 - 2 Type
 - 3 Vertical Tabs
 - 4 Emulation VFU
 - 5 Vertical Tab
 - 6 Clear All
 - 7 Next Tab
 - 8 Previous Tab
 - 9 Set Tab 1
 - 10 Clear Tab 1
- 1 **FORM CONTROL**
 - 2 Setup
 - 3 Length
 - 4 Top Margin
 - 5 Bottom Margin
- 1 **FORMS EJECT**
 - 2 Normal FF
 - 3 Rear Exit
 - 4 Top Exit
 - 5 Retract Move
 - 6 Next TOF
- 1 **INTERFACE OPTIONS**
 - 2 Type
 - 3 Parallel
 - 4 Serial
 - 5 Multisource
 - 6 Source Delay
 - 7 5 thru 255

1 = 1st menu level
 2 = 2nd menu level
 3 = 3rd menu level
 4 = 4th menu level

Flow chart continued on next page ...

PROGRAM MENU FLOW CHART (cont)

- 1 **ENGINE OPTIONS**
 - 2 Slew Rate
 - 3 Normal
 - 4 Reduced
 - 5 Bidirectional
 - 6 Right
 - 7 Left
 - 8 Engine Off Delay
 - 9 2 Seconds
 - 10 5 Seconds
 - 11 10 Seconds
 - 12 20 Seconds
 - 13 Print Intensity
 - 14 Normal
 - 15 High
 - 1 **PRINTER OPTIONS**
 - 2 Set A
 - 3 Set B
 - 1 **EMULATION**
 - 2 ANSI
 - 3 P-Series
 - 4 FX286
 - 5 Printronix
 - 6 Dataproducts
- This menu flow chart reflects a 4840 at initialized settings and Multisource interface selected. Variations of this menu may occur if alternate menu options are chosen.
- ## FUNCTION MENU FLOW CHART
- 1 **REVERSE FF**
 - 2 Form Select
 - 3 Select 0 thru 9
 - 4 Form Define
 - 5 Font Style
 - 6 Char / Inch
 - 7 Lines / Inch
 - 8 Setup
 - 9 Form Length
 - 10 Offset
 - 11 Bottom Margin
 - 12 Form Alignment
 - 13 Mark TOF
 - 14 Mark Offset
 - 15 View Pattern
 - 1 **SOFTWARE ID**
 - 2 TTLB
 - 3 TTM1
 - 1 **SETUP**
 - 2 Initialize
 - 3 Recall
 - 4 Store
 - 1 **SECURITY**
 - 2 Lockout
 - 1 **ALIGNMENT**
 - 2 Signature
 - 3 Amplitude
 - 4 Horiz Timing
 - 5 Vert Timing
 - 6 Intergap
 - 7 Checkerboard
 - 8 Adj Amplitude
 - 9 Adjust Pattern
 - 10 Save Amplitude
 - 11 **FORM ADJUST**
 - 12 Test Pattern
 - 13 View Pattern
 - 14 Set TOF
 - 1 **FORM STATUS**
 - 2 Head Status
 - 1 **HEX DUMP**
 - 2 **CLEAR BUFFER**
 - 3 **SERVICE TIME**
 - 4 Power On
 - 5 Print Time
 - 6 Reset
 - 4 **STATUS**

4900 PROGRAM MENU NOTES

The 4910 and 4940 printers have a parallel interface and a coax/twinax (IBM compatible) interface. To use this coax/twinax interface it is necessary to have the Interface Type (under INTERFACE OPTIONS) set to **Serial** or **Multisource**.

If you make changes to any of the serial interface settings, incorrect print may occur from the coax/twinax interface. Initialize the printer, if necessary, to return the printer to the proper serial operating parameters.

SELF TEST PRINTING

1. Press **<ON LINE>** key. LCD = "Local"
2. Press and hold the **<TEST / CLEAR>** key. LCD = "Test"
 Self test is a rolling ASCII pattern. Printer will continue to perform self test as long as the key remains pressed.

STATUS REPORT

1. Press **<ON LINE>** key. LCD = "Local"
2. Press **<FUNCTION>** key. LCD = "FCT:Reverse FF"
3. Press **<CPI / LPI>** key. LCD = "FCT:Status"
4. Press **<PROGRAM>** key. Status report begins. Prints @ 10 CPI / 8 LPI.

INITIALIZATION

1. Press **<ON LINE>** key. LCD = "Local"
 2. Press **<FUNCTION>** key. LCD = "FCT:Reverse FF"
 3. Press **<ON LINE>** key until ... LCD = "FCT:Setup"
 4. Press **<PROGRAM>** key. LCD = "Setup:Initialize"
 5. Press **<PROGRAM>** key. LCD = "Self Test"
 6. Press **<ON LINE>** key. LCD = "Local"
- The printer should be initialized any time firmware is changed or upgraded.

HEX DUMP MODE

1. Press **<ON LINE>** key. LCD = "Local"
 2. Press **<FUNCTION>** key. LCD = "FCT:Reverse FF"
 3. Press **<ON LINE>** key until ... LCD = "FCT:Hex Dmp Off"
 4. Press **<PROGRAM>** key. LCD = "FCT:Hex Dmp On"
 5. Press **<TEST / CLEAR>** key. LCD = "Local"
 6. Press **<ON LINE>** key. LCD = "Online"
- Printer will remain in hex dump mode until the mode is disabled or the printer is powered down.

SECURITY MODE

1. Press **<ON LINE>** key. LCD = "Local"
2. Press **<FUNCTION>** key. LCD = "FCT:Reverse FF"
3. Press **<ON LINE>** key until ... LCD = "FCT:Security"
4. Press **<PROGRAM>** key. LCD = "Security:Lockout"
5. Press and hold the **<PROGRAM>** key for about five seconds. Printer beeps. LCD = "Local"

PAPER HANDLING

- Paper is stored in the pedestal base and is fed up through two sets of push-pull synchronized six pin tractors.
- A dedicated stepper paper feed motor moves the paper forward and backwards as needed.
- The tractors can handle continuous forms from 3 to 16.54 inches (76 to 420 mm) wide and up to six part / 120# card stock.
- A paper low sensor is located at the lower left tractor.
- A paper motion sensor is located in the upper left tractor.
- A static grounded paper rack and paper shelf aid in paper stacking.
- Paper outputs through the rear of the printer. On standard cabinet models (non "i"), paper can also exit the top of the printer via the new "Top Exit" feature.

PRINT HEAD REPLACEMENT

- Disconnect power from printer and open the top cover.
- Lift the control panel slightly and to the left to disengage the hinges. Place the control panel to the side of the printer, out of the way.
- Move print gap adjust to the "LOAD" position. Remove the ribbon cartridge.
- Loosen the three knurled screws on the ribbon deck (left, center, right) and lift the ribbon deck off of the printer.
- Using the Allen wrench provided, loosen the two screws holding the print module cable covering the module you want to replace. Back the screws out until they are flush with the back of the cable cover. Lift the print cable cover to clear the screws and remove the cable by pulling and moving from side to side.
- Place the provided 3-mm Allen wrench on the guide plate in line with the module number you want to replace. Slide the wrench under the module and into the Allen screw holding the module in place. Loosen the screw about one and a half turns, and lift the print module straight up and out. Insert the new module. Press down on the wire guide barrels and tighten the Allen screw securing the print head.
- Reconnect the module cable, being sure not to miss any pins. Tighten the two Allen screws while holding the cable cover down. Place the Allen wrench back in the foam padding.
- Reinstall the ribbon deck, ribbon and control panel.
- Set the print gap adjust knob to the correct position.

OPTIONS & ACCESSORIES

Manual / Service	GEK-89240
Manual / Users	GEK-88954
Manual Programmers	GEK-89025
Manual Schematics	GEK-88987
Manual QMS Option	GEK-89150
Manual IGP Option	GEK-89149
Ribbon Cartridge (50 mil)	4A0040B02
Ribbon Cartridge (75 mil)	4A0040B05
Print Actuator 5-Pack (4x4x)	4A0626G01
Print Actuator 5-Pack (4x1x)	4A0625G01
Upgrade 48x0 to 48x2 Kit	4A1341G03
Upgrade 48x0 to 49x0 Kit	4A1344G03
Upgrade 48x0 to 49x2 Kit	4A1347G03
Upgrade 49x0 to 49x2 Kit	4A1156G03
Upper Tractor Kit	4D0622G00S
Lower Tractor Kit	4D0623G01S

48xx / 49xx PRINTER FAMILY

4810	400 LPM
4840	800 LPM
4812	400 LPM • IGP / QMS
4842	800 LPM • IGP / QMS
4910	400 LPM • IBM Connectivity
4940	800 LPM • IBM Connectivity
4910 IPDS	400 LPM • IBM Connectivity • IPDS
4940 IPDS	800 LPM • IBM Connectivity • IPDS
4912	400 LPM • IBM Connectivity • IGP / QMS
4942	800 LPM • IBM Connectivity • IGP / QMS

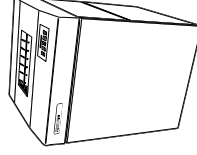
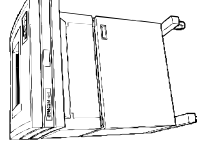
GENICOM also offers the 4800/4900 series printers in a quietized cabinet model. These "i" model printers offer the same functionality as the above models, but at a very quiet 50 dBA operation.

HOW TO CONTACT GENICOM

GENICOM USA	800-436-4266
BBS	540-949-1576
Technical Support	540-949-1031
GENICOM Web Site	http://www.genicom.com
Printer Sales	telemarketing@genicom.com
Supplies	supplies@genicom.com
Technical Support	techsupport@genicom.com
Service Training	essctrain@essc.com
GENICOM S.A.	
Savigny-Sur-Orge, France	33-1-69-542317
GENICOM SpA	
Milan, Italy	39-2-27304510
GENICOM Canada	
Thornhill, Ontario	905-882-2500
GENICOM Ltd.	
Farnborough, England	44-1252-522500
GENICOM Pty Ltd.	
Chatswood, Australia	61-29-417-6411
GENICOM GmbH	
Bad Soden/Taurus, Germany	49-6196-65990

Pocket User Guide

4810 4840 4910 4940



Line Matrix Printers

GENICOM
Shared Multifaceted Solutions