

# FUJITSU Scanner

- *Diagnostics and Programming*
- *Speaker Control*
- *Scanner Control*
- *POS Interface Control*
- *Scan Label Control*
- *Scale Programming Control*
- *Real Time Clock Settings*

## About this manual

### Fujitsu Scanner Manual

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## About This Manual

This manual contains the barcodes necessary to setup (program) the scanner for use in your specific configuration using the direct programming method. Refer to Users Guide and The Service Planning Guide for programming instructions. A Users Guide is shipped with each unit. The Service Planning Guide can be downloaded from the FTP site at <ftp://ftp.fx.s.fujitsu.com/>

### Reader

This manual is for the Service Technician, Project Manager, Customer, Facilities Designer, Contractor, or anyone else involved with the preparation of a site and the installation of a Fujitsu scanner or scanner/scale.

### Assumptions

This manual assumes that you are familiar with retail systems and that you will be involved in preparing the site or installing a Fujitsu scanner and scale.

The information contained in this document applies whether you are installing a new site or extending, upgrading, or in any way altering an existing site.

## Related Publications

*Model 9950, 9900, 9500, 2002, and 1200 Support Planning Guides..*



### **WARNING**

**USA Units:** This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions provided, may cause interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**Canadian Units:** This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the radio interference regulations of the Canadian Department of Communications.

## About this manual

**Unités Canadiennes:** Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

**European Units:** This equipment has been tested and found to comply with the limits for a Class A digital device per EN55022.

## Programming with Scannable Labels

To program the scanner, you must first set it to programming mode by scanning the ENTER PROGRAMMING MODE label. When the ENTER PROGRAMMING MODE label is read, the following will occur:

9950 Scanner	Low tone
9900 Scanner	Low tone
9500 Scanner	Low tone
1200 Scanner	Low tone
2002 Scanner	Low tone

Programming mode clears the scan buffer(s) and ignores normal item labels. Once the scanner is in the programming mode, you may begin scanning the appropriate programming labels. As you scan each label, the scanner issues a “good” tone to indicate that the programming label has been read. If the programming label has already been recorded or if the label being scanned is a default feature, the scanner will issue a “warble” tone.

## About this manual

Once programming is complete, scan one of the following to exit programming mode:

- **EXIT SAVE AND RESET Label:** Saves settings and exits the programming mode. Programmed features are written to the EEPROM and settings remain resident until programming changes are made or defaults are reset.
- **EXIT WITHOUT SAVING Label:** This feature will activate the settings but prevent them from being saved in the EEPROM. Powering down the scanner or scanning the Reset programming label will cause the settings to revert back to the previous settings stored in the EEPROM.

When the Exit Save and Reset or Exit Without Saving labels are read, the following will occur:

9950 Scanner	Low tone
9900 Scanner	Low tone
9500 Scanner	Low tone
1200 Scanner	Low tone
2002 Scanner	Low tone

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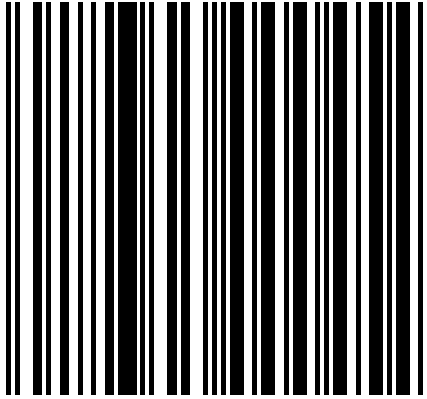
**Section 1**

Diagnostics and  
Programming Control

90000788

1-1

**Enter The Programming Mode**  
00045C

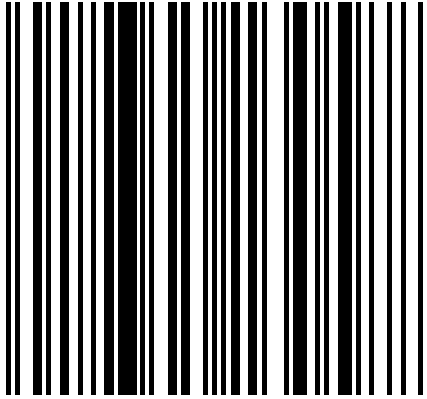


**Models 9950, 9900, 9500 2002, and 1200**

**90000788**

**1-2**

**Exit, Save And Reset**  
13058C



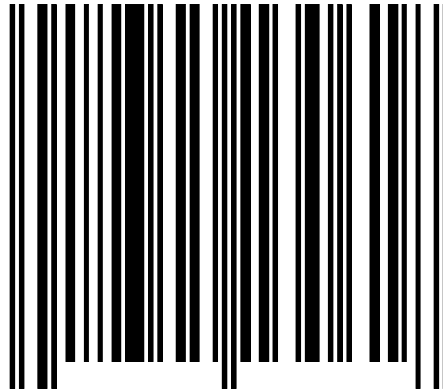
Models 9950, 9900, 9500 2002, and 1200

90000788

1-3

## Restore All Defaults

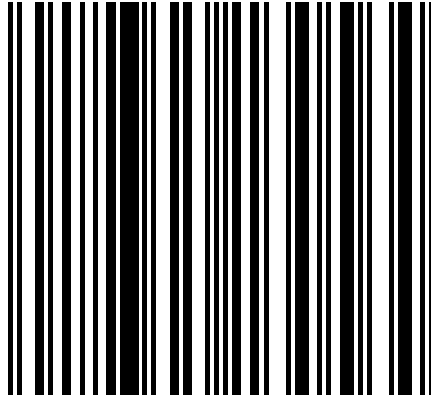
13061C



**Models 9950, 9900, 9500 2002, and 1200**

**Note: Enter The Programming Mode and Exit Save and Reset Labels are required To Restore All Factory Defaults.**

**Exit Without Saving**  
13056C

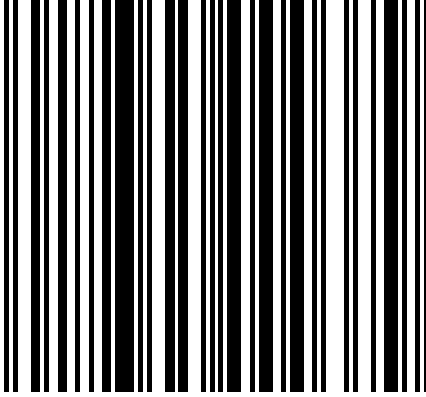


Models 9950, 9900, 9500 2002, and 1200

90000788

1-5

**Reset Scanner**  
00037C

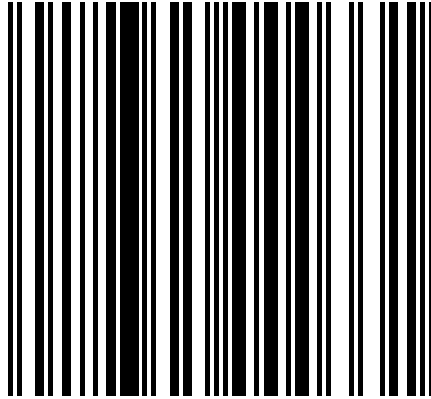


**Models 9950, 9900, 9500 2002, and 1200**  
**Note: Enter Programming Mode Not Required**

**90000788**

**1-6**

**Enter Demo**  
00033C

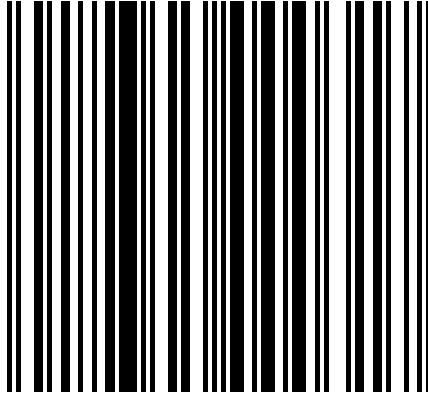


**Models 9950, 9900, 9500 2002, and 1200**  
**Note: Enter Programming Mode Not Required**  
**To Exit Reset Power Or Scan The Reset Label**

90000788

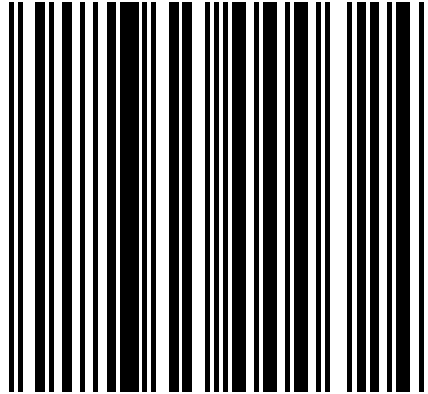
1-7

**Enter Autobreak Mode Both**  
00031C



**Models 9950, 9900, 9500, and 2002**  
**Note: Enter Programming Mode Not Required**  
**To Exit Reset Power Or Scan The Reset Label**

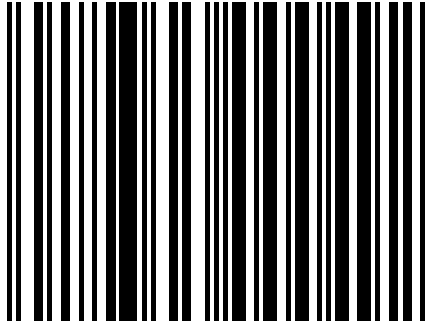
**Enter Autobreak Mode SS1200**  
00032C



**Model 1200**

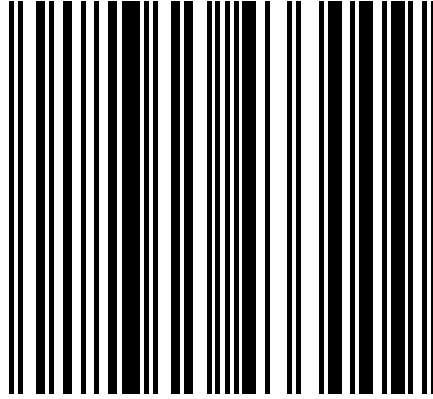
**Note: Enter Programming Mode Not Required  
To Exit Reset Power Or Scan The Reset Label**

**Proximity Detector Test**  
00049C



**Models 9950, 9900, 9500 2002, and 1200**  
**Note: Enter Programming Mode Not Required**  
**To Exit Reset Power Or Scan The Reset Label**

**Enter Clone Programming Mode**  
43300C



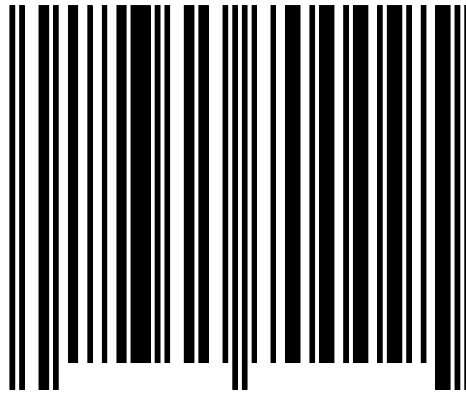
**Models 9950, 9900, 9500, 2002**  
**Clone Programmable Features**  
**Note: Enter Programming Mode Not Required**

**90000788**

**1-11**

**Enter The Firmware Cloning Mode**

70009C



**Model 9950 and 9900**

**Clone Firmware From Source To Target Scanner**

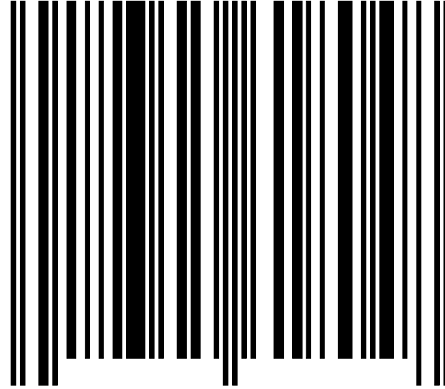
**Note: Enter Programming Mode Not Required**

90000788

1-12

**Enable Write Standard Laser  
Output Power Value to EEPROM**

61804C



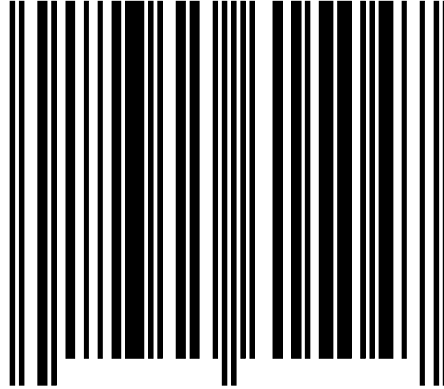
Model 9950

**Enter The Programming Mode and Exit Save And Reset  
Programming Labels Are Required**

90000788

1-13

**Disable Write Standard Laser  
Output Power Vaue In EEPROM  
61504C**



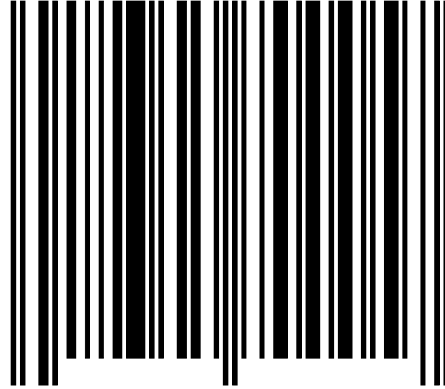
**Model 9950**

**Enter The Programming Mode and Exit Save And Reset  
Programming Labels Are Required**

**90000788**

**1-14**

**Clear Laser Output Power  
Value Table In EEPROM And  
Start 2 Hour Monitor  
70005C**



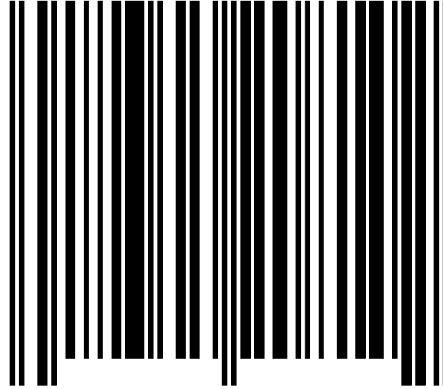
**Model 9950**

**After scanning this label the yellow and green LED's come on solid. After 2 hours the LOP is set. Reset power to accept new LOP value in the EEPROM.**

**90000788**

**1-15**

**Enable VLD Near End  
Of Life Detection  
20810C**



**Model 9950**

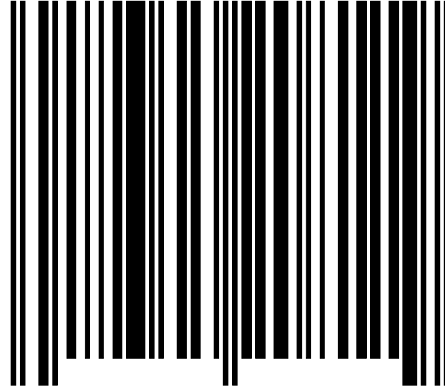
**Enter The Programming Mode and Exit Save And Reset  
Programming Labels Are Required**

**90000788**

**1-16**

**Disable VLD Near End  
Of Life Detection**

20811C



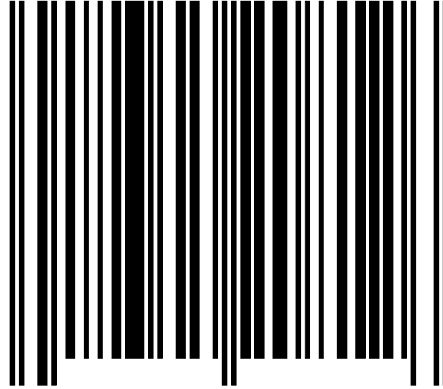
Model 9950

**Enter The Programming Mode and Exit Save And Reset  
Programming Labels Are Required**

90000788

1-17

**Enable Operator Alert For VLD  
Near End Of Life 1 Detection  
20812C**



**Model 9950**

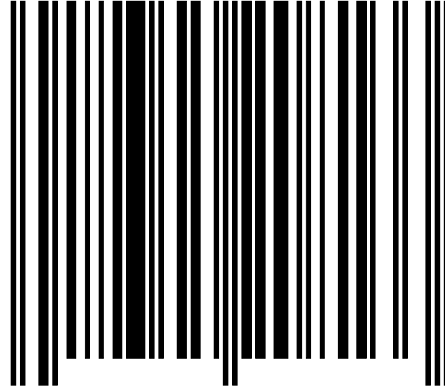
**Enter The Programming Mode and Exit Save And Reset  
Programming Labels Are Required**

**90000788**

**1-18**

**Disable Operator Alert For VLD  
Near End Of Life 1 Detection**

20813C



Model 9950

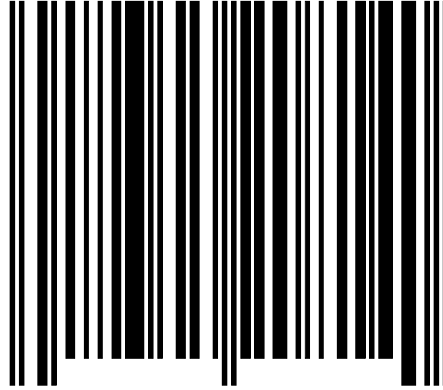
**Enter The Programming Mode and Exit Save And Reset  
Programming Labels Are Required**

90000788

1-19

**Enable Operator Alert For VLD  
Near End Of Life 2 Detection**

20814C



Model 9950

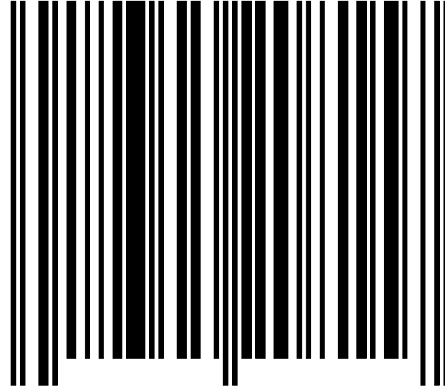
**Enter The Programming Mode and Exit Save And Reset  
Programming Labels Are Required**

90000788

1-20

**Disable Operator Alert For VLD  
Near End Of Life 2 Detection**

20815C



Model 9950

**Enter The Programming Mode and Exit Save And Reset  
Programming Labels Are Required**

90000788

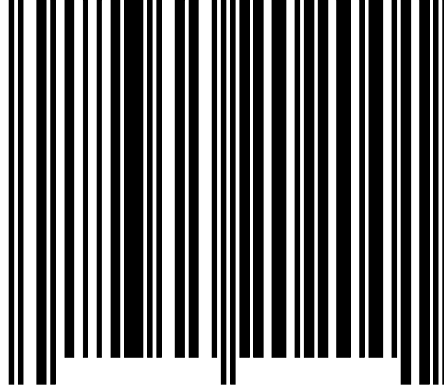
1-21

**Section 2**  
Speaker Control

9000788

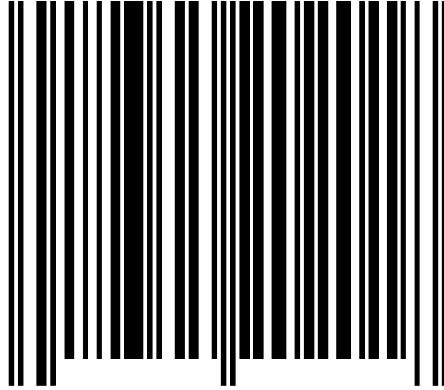
2-1

**Fujitsu Standard Tone**  
20200C



**Model 9950 (Default)**

**Magellan SL Emulation Tone**  
20201C

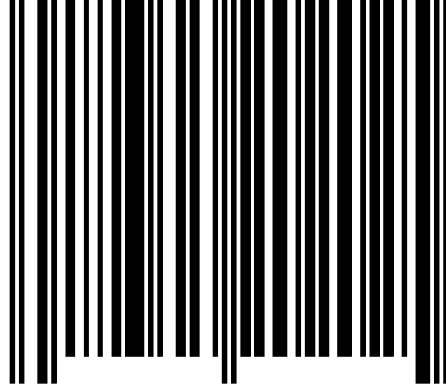


**Model 9950**

**9000788**

**2-3**

**Magellan 8200 & 8500**  
**Emulation Tone**  
20202C

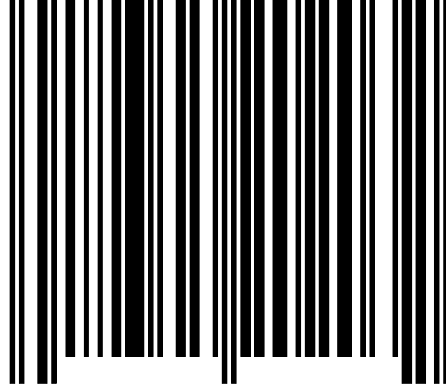


Model 9950

9000788

2-4

**NCR7875 Emulation Tone**  
20203C

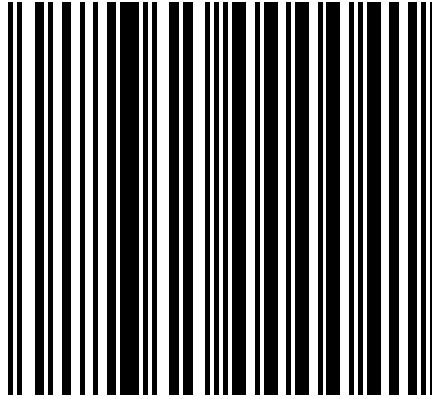


**Model 9950**

**9000788**

**2-5**

**Increment Frequency**  
00004C

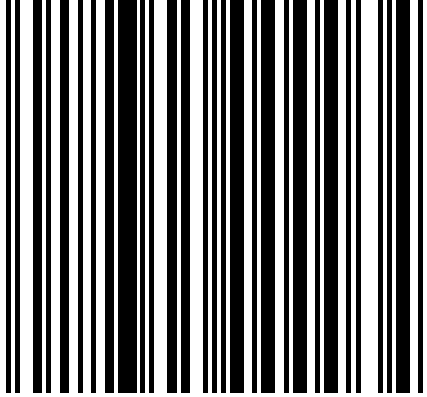


Models 9950, 9900, 9500, 2002, and 1200

90000788

2-6

**Decrement Frequency**  
00003C

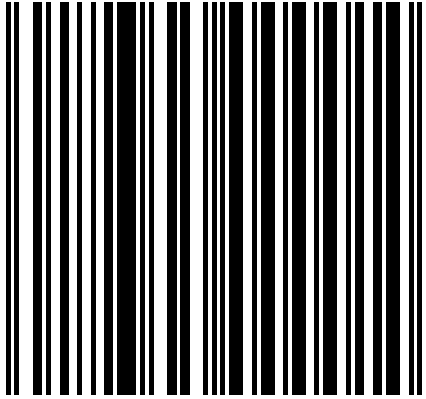


Models 9950, 9900, 9500, 2002, and 1200

90000788

2-7

**Increment Volume**  
00001C

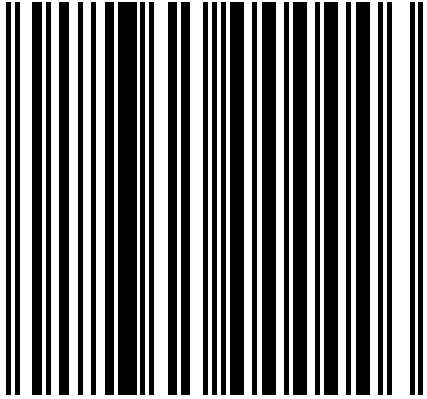


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**2-8**

**Decrement Volume**  
00000C

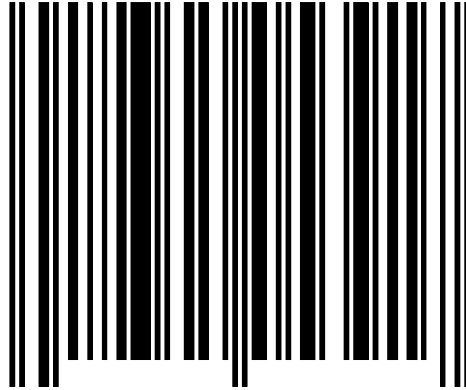


Models 9950, 9900, 9500, 2002, and 1200

90000788

2-9

**Speaker Volume Maximum**  
05391C



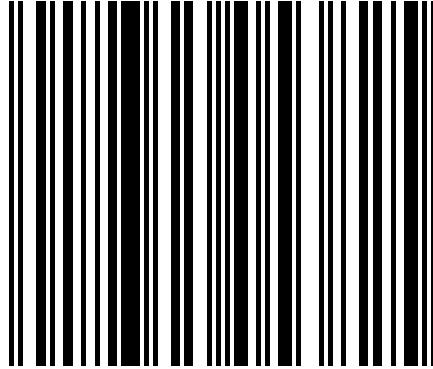
Models 9950, 9900, 9500, 2002, and 1200 (Default)

**Speaker Volume + 9**  
05389C



Models 9900, 9500, and 2002

**Speaker Volume + 6**  
05382C



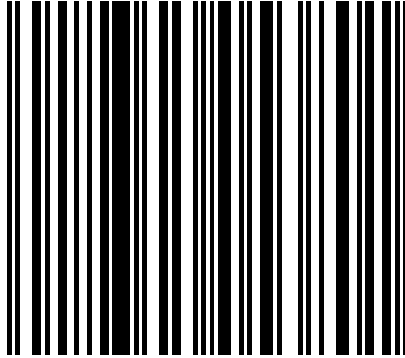
**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**2-12**

**Speaker Control**

**Speaker Volume +3**  
05380C

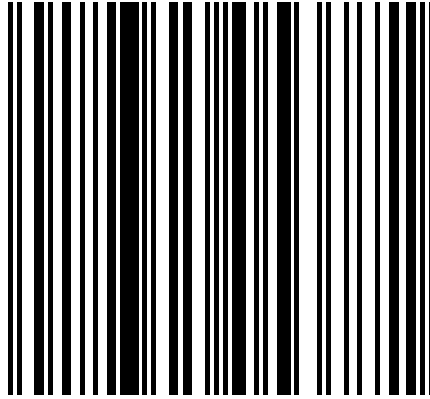


**Models 9900, 9500, and 2002**

**90000788**

**2-13**

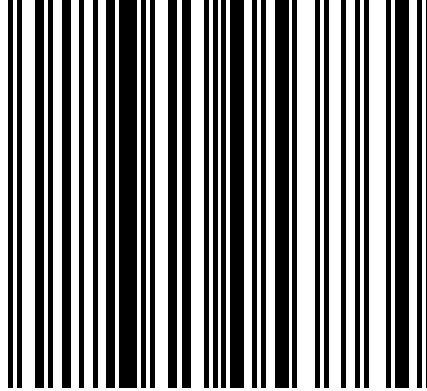
**Speaker Volume Minimum**  
05377C



Models 9950, 9900, 9500, 2002, and 1200

**Speaker Control**

**Speaker Volume Off**  
05376C

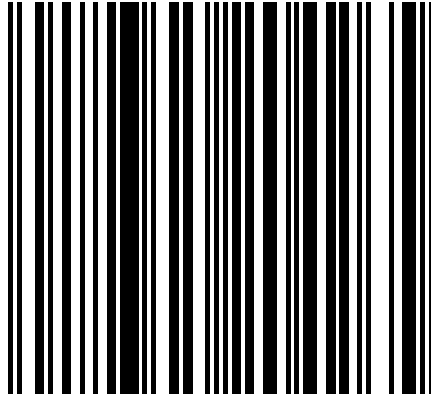


**Models 9950, 9900, 9500, 2002, and 1200**

**9000788**

**2-15**

**Speaker Good Tone 600Hz**  
20426C

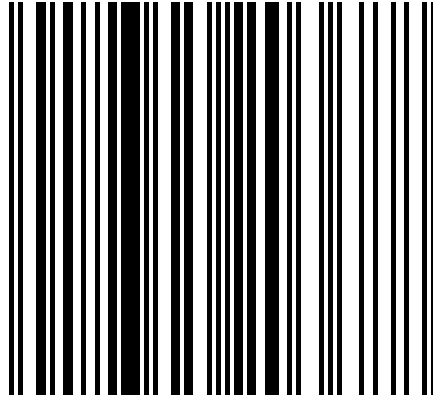


**Models 9950, 9900, 9500, and 2002**

**90000788**

**2-16**

**Speaker Good Tone 750Hz**  
20368C

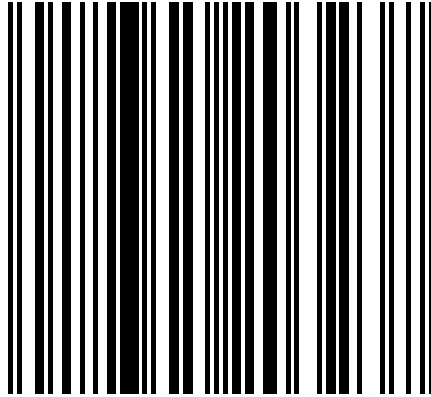


**Models 9950, 9900, 9500, and 2002**

**9000788**

**2-17**

**Speaker Good Tone 935Hz**  
20323C

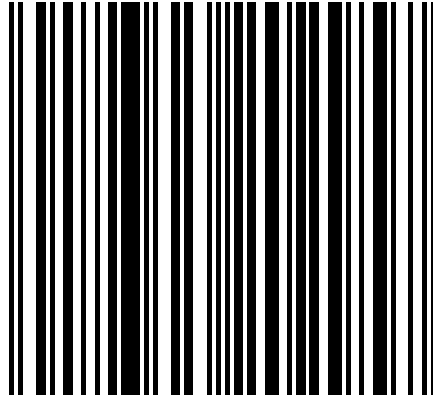


**Models 9950, 9900, 9500, and 2002 (Default)**

**90000788**

**2-18**

**Speaker Good Tone 1100Hz**  
20295C

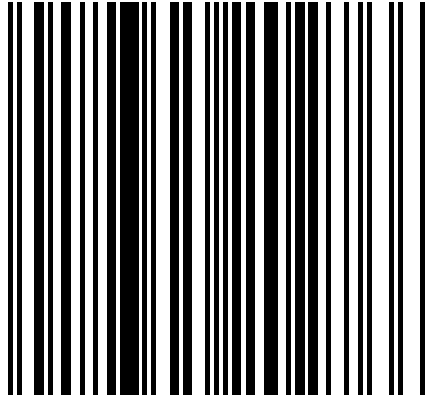


**Models 9950, 9900, 9500, and 2002**

**90000788**

**2-19**

**Speaker Good Tone 1250Hz**  
20276C

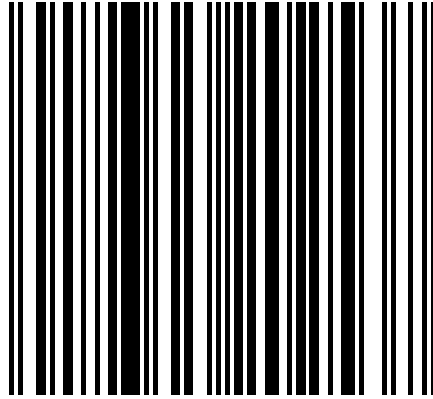


**Models 9900, 9500, and 2002**

**90000788**

**2-20**

**Speaker Good Tone 1500Hz**  
20253C

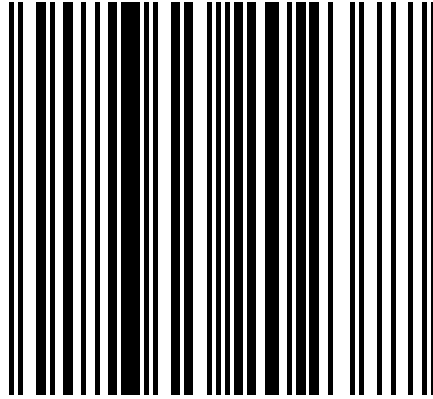


**Models 9950, 9900, 9500, 2002**

**9000788**

**2-21**

**Speaker Good Tone 1750Hz**  
20237C

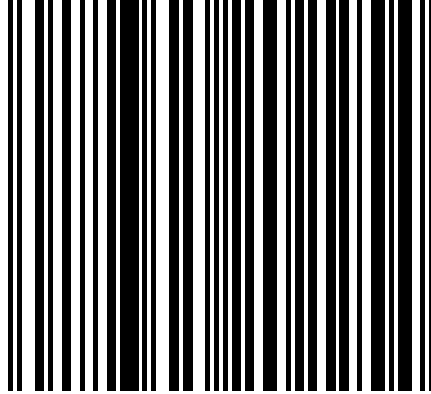


**Models 9950, 9900, 9500, 2002**

**9000788**

**2-22**

**Speaker Good Tone 2000Hz**  
20225C



Models 9950, 9900, 9500, 2002

9000788

2-23

## Speaker Control

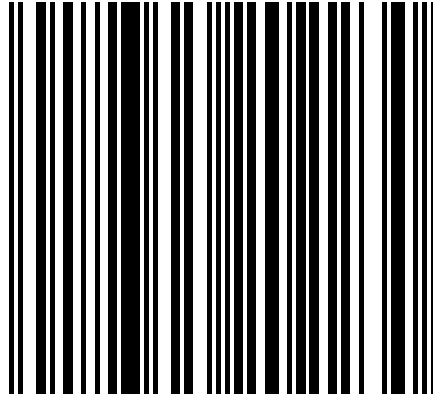
### **Speaker Good Tone 2600Hz (Fixed)** This is not a programmable feature

**Model 1200 (default)**

**90000788**

**2-24**

**Speaker Bad Tone 174Hz**  
20223C

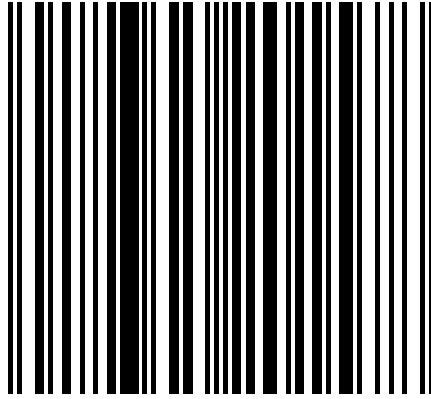


Models 9950, 9900, 9500, 2002

90000788

2-25

**Speaker Bad Tone 200Hz**  
20157C

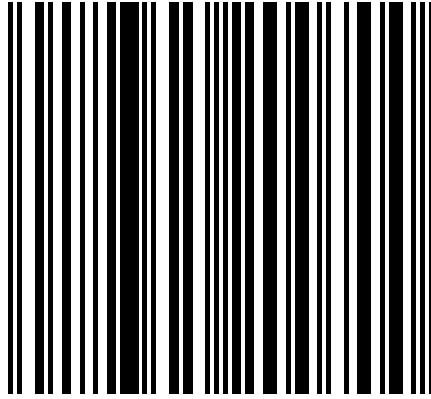


Models 9950, 9900, 9500, 2002

9000788

2-26

**Speaker Bad Tone 250Hz**  
20070C

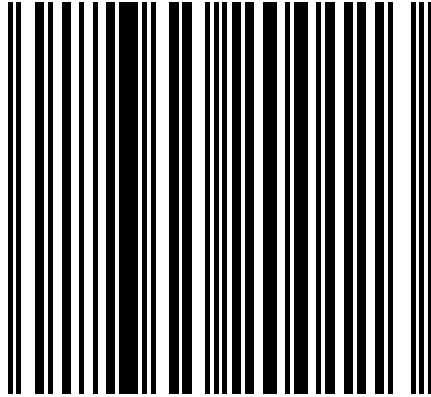


Models 9950 9900, 9500, 2002 (default)

90000788

2-27

**Speaker Bad Tone 300Hz**  
20011C

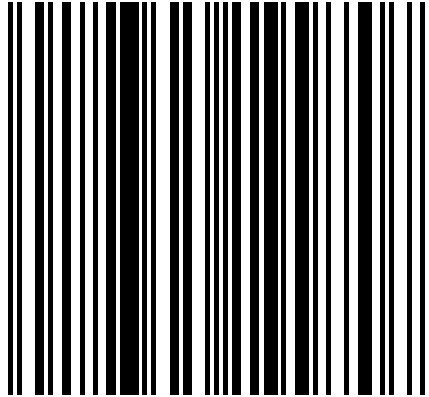


**Models 9900, 9500, 2002**

**90000788**

**2-28**

**Speaker Bad Tone 350Hz**  
19970C



**Models 9950 9900, 9500, 2002**

**9000788**

**2-29**

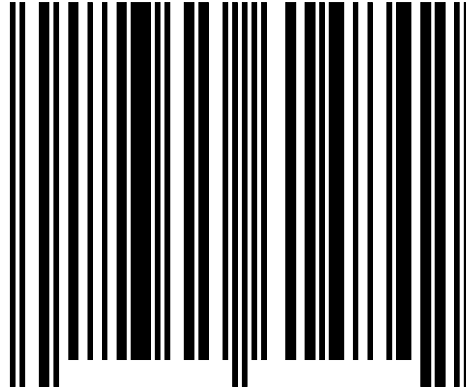
**Speaker Bad Tone 600Hz (Fixed)**  
**This is not a programmable feature**

**Model 1200 (Default)**

**90000788**

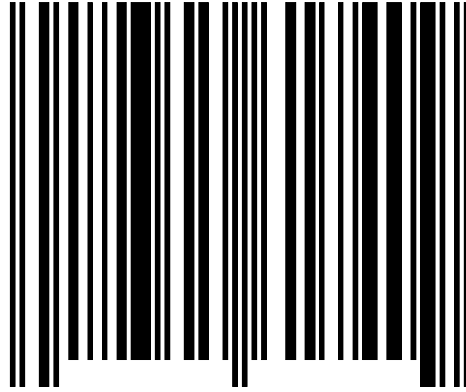
**2-30**

**Variable Volume Function**  
61484C



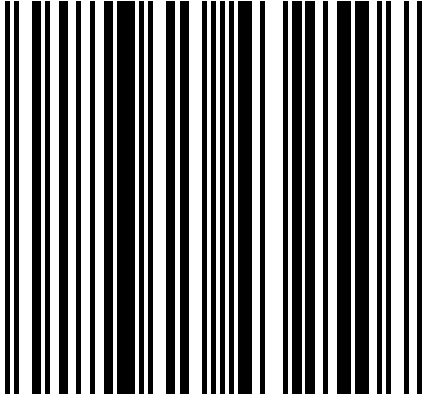
Model 9950, 9900, 2002 (Default)

**Variable Tone Function**  
61740C



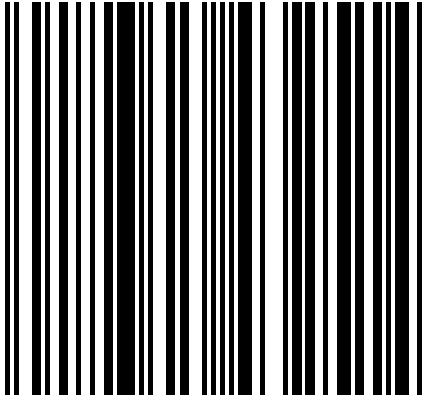
Model 9950, 9900 2002

**Buffer Full Beep Enabled**  
43250C



**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**Buffer Full Beep Disabled**  
43251C



Models 9950, 9900, 9500, 2002, and 1200

9000788

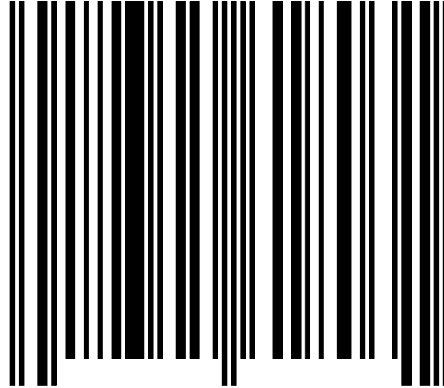
2-34

**Section 3**  
Scanner Control

9000788

3-1

**Error Alarm Enabled On Remote  
Weight Display  
61803C**

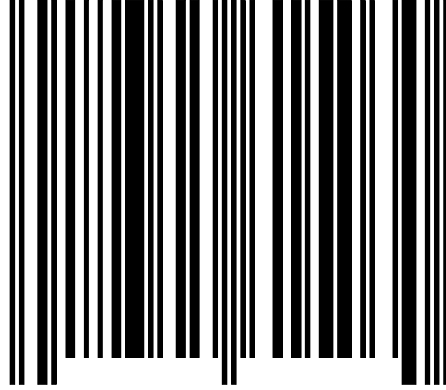


Model 9950

9000788

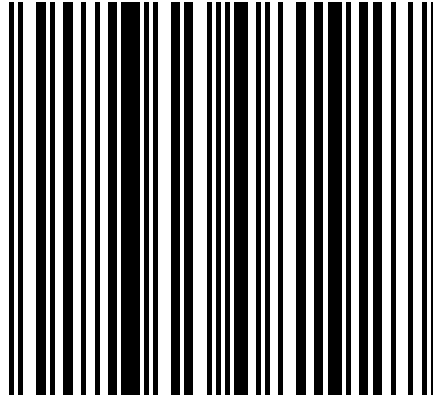
3-2

**Error Alarm Disabled On Remote  
Weight Display  
61503C**



**Model 9950 (Default)**

**0 Buffer**  
08192C

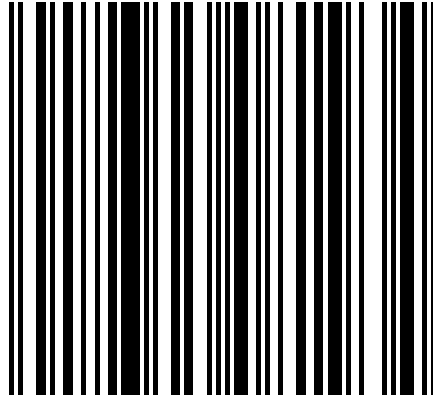


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**3-4**

**1 Buffer**  
08193C

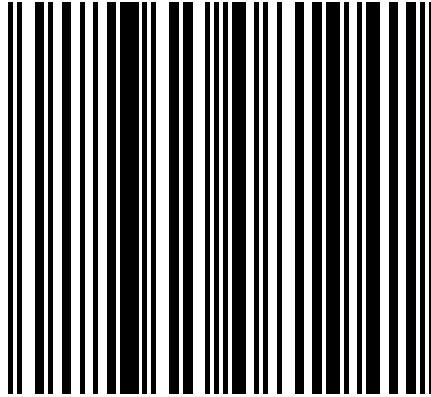


**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**90000788**

**3-5**

**2 Buffers**  
08194C

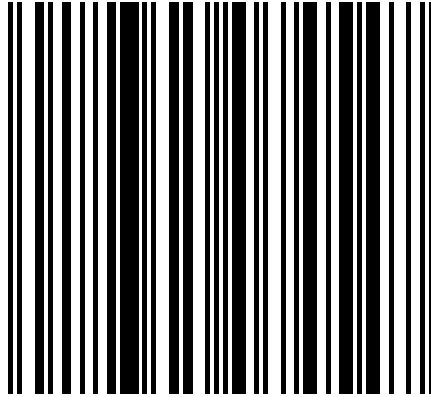


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**3-6**

**50% Laser Timeout 30 Seconds**  
07454C

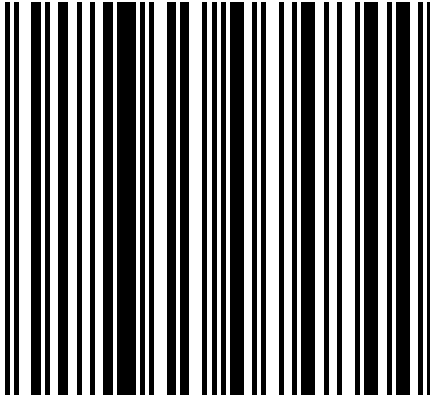


**Modles 9500, 2002, and 1200 (Default)**

**90000788**

**3-7**

**50% Laser Timeout 60 Seconds**  
07484C

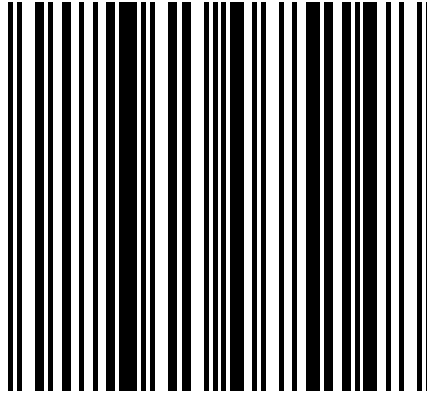


**Model 9950 and 9900 (Default)**

**9000788**

**3-8**

**50% Laser Timeout 90 Seconds**  
07514C

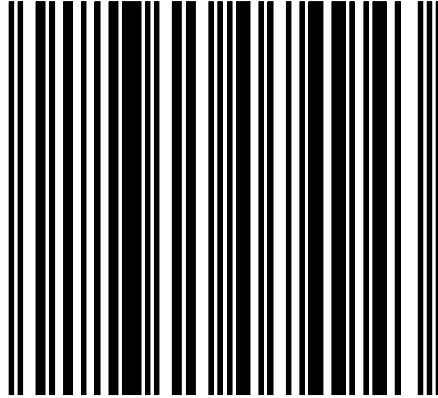


Models 9950, 9900, 9500, 2002

9000788

3-9

**50% Laser Timeout**  
**1 Hour and 1 Minute**  
07494C

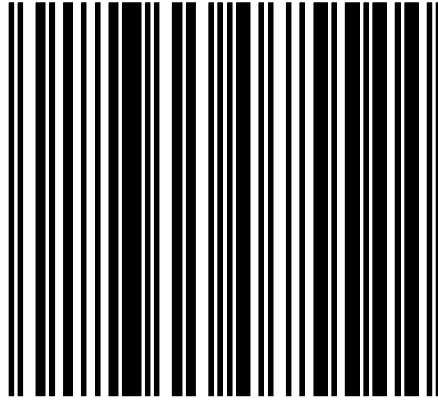


Model 1200

9000788

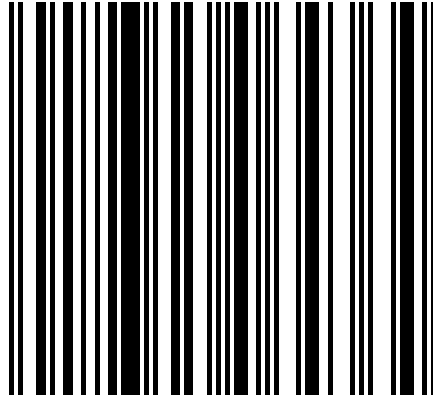
3-10

**Laser Always On (100%)**  
07554C



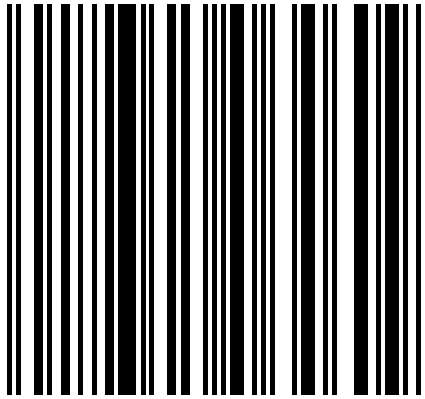
Models 9950, 9900, and 2002 Only

**Full Laser Timeout 3 Minutes**  
06436C



**Models 9950, 9900, 2002 and 1200**  
**Models, 1200, and 2002 (Default)**

**Full Laser Timeout 5 Minutes**  
06460C

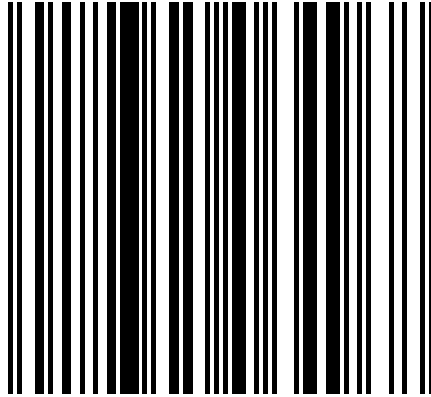


**Models 9950, 9900, 2002 and 1200**  
**Model 9500 (Default)**

**90000788**

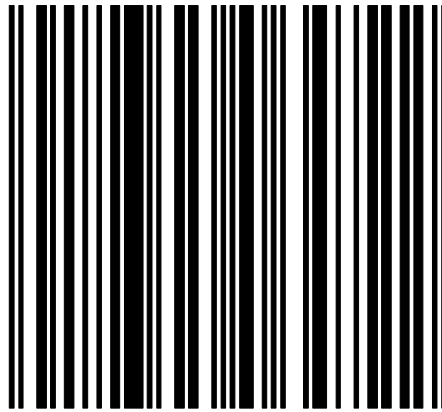
**3-13**

**Full Laser Timeout 8 Minutes**  
06496C



**Models 9950, 9900, 9500, 2002**  
**Model 9950 and 9900 (Default)**

**Full Laser Timeout1 Hour, 1 Minute**  
06472C

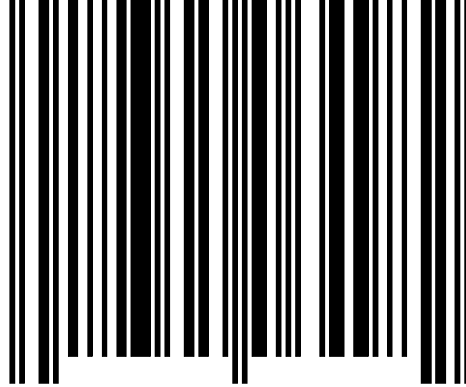


**Model 1200**

**9000788**

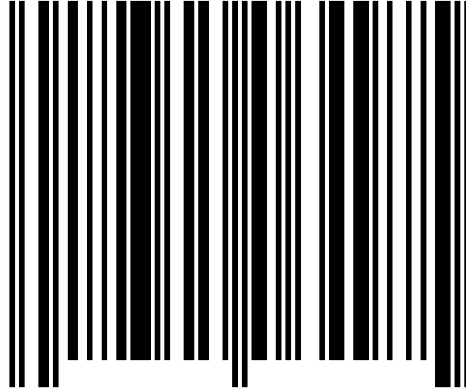
**3-15**

**Full Laser Timeout 1 Hour and  
1 Minute  
06498C**



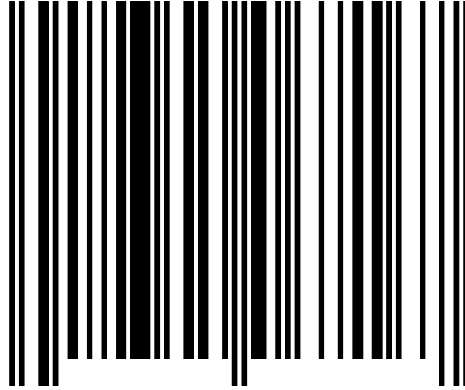
**Model 9950, 9900 Only**

**Full Laser Timeout Always**  
**50% Duty Cycle**  
06497C



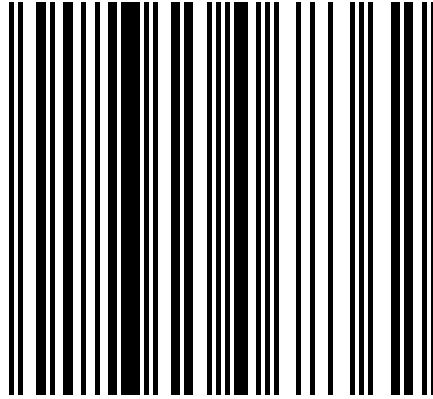
Models 9950 9900 and 2200

**Motor Timeout 5 Minutes**  
06716C



Models 9950, 9900, 2002 and 1200

**Motor Timeout 15 Minutes**  
06836C

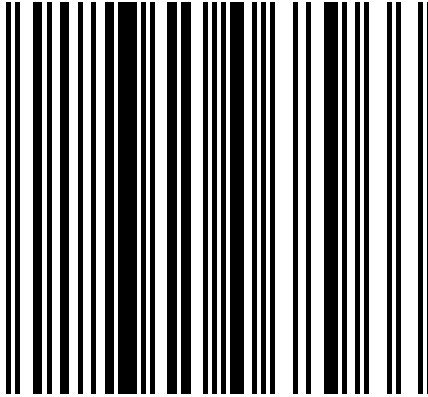


**Models 9950, 9900, 9500, 2200, and 1200**  
**Models 9500, 2200, and 1200 (Default)**

**90000788**

**3-19**

**Motor Timeout 20 Minutes**  
06896C

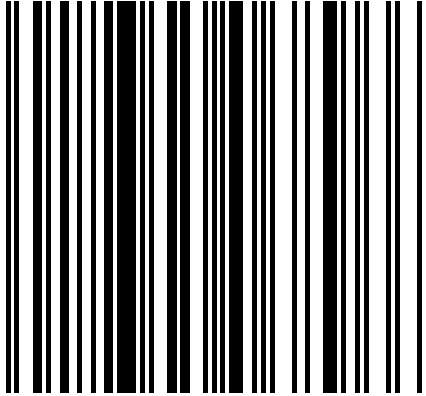


**Models 9950, 9900, 9500, 2200**  
**Models 9950 and 9900 (Default)**

**90000788**

**3-20**

**Motor Timeout**  
**2 Hours, 1 Minute**  
06896C

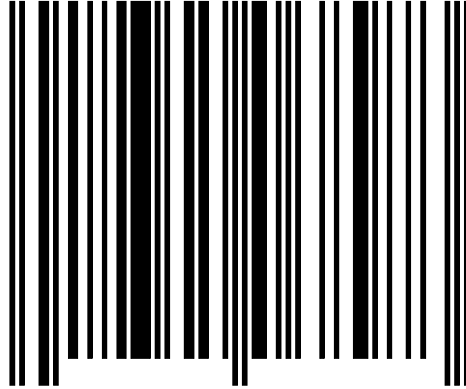


Model 1200 Only

9000788

3-21

**Motor Timeout**  
**2 Hours, 1 Minute**  
06897C

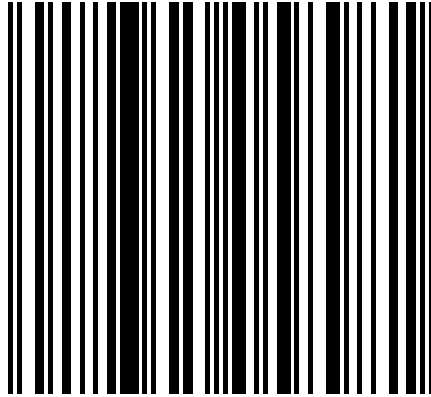


**Model 9950 and 9900 Only**

**9000788**

**3-22**

**Same Label Timeout 200ms**  
05898C

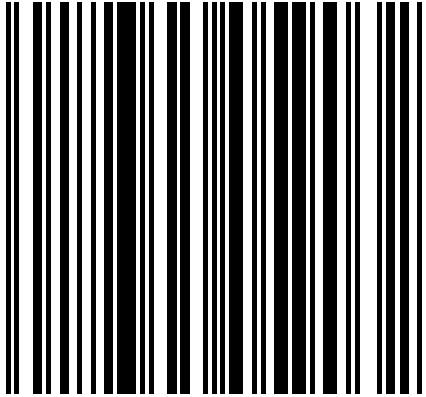


**Models 9950, 9900, 9500, 2002, and 1200**

**9000788**

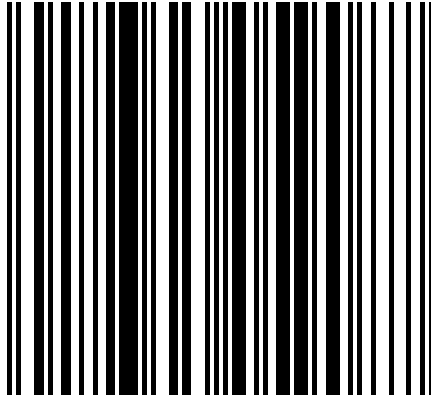
**3-23**

**Same Label Timeout 300ms**  
05903C



**Models 9950, 9900, 9500, 2002, and 1200**

**Same Label Timeout 400ms**  
05908C

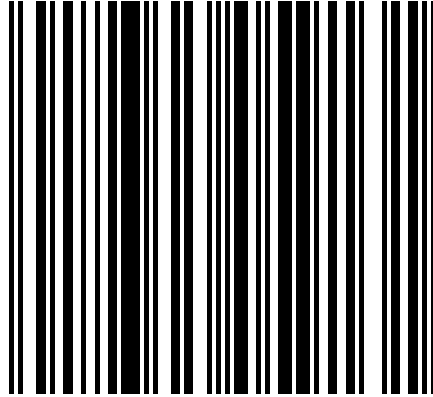


**Models 9950, 9900, 9500, 2002, and 1200**  
**Models 9950 and 9900 (Default)**

**90000788**

**3-25**

**Same Label Timeout**  
**500 ms**  
05913C

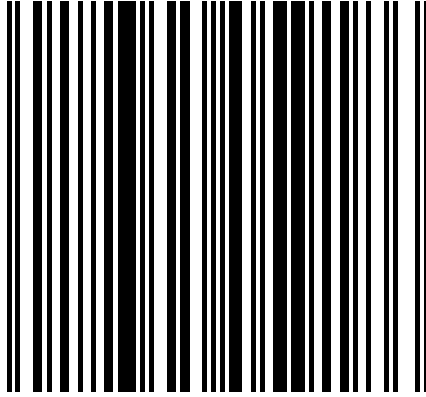


Models 9950, 9900, 9500, 2002, and 1200  
Model 1200, 2002, and 9500 (Default)

90000788

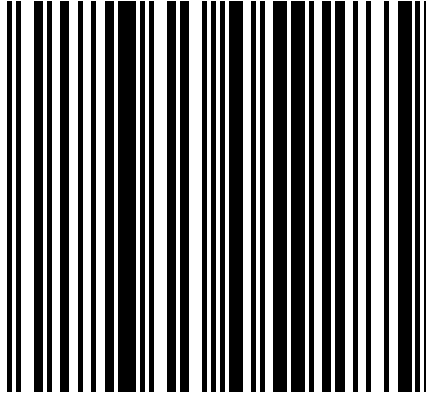
3-26

**Same Label Timeout 600ms**  
05918C



**Models 9950, 9900, 9500, 2002, and 1200**

**Same Label Timeout 800ms**  
05928C

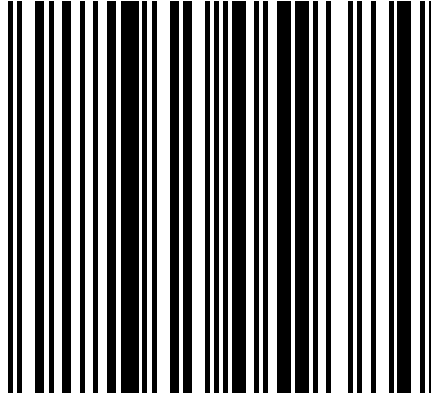


Models 9950, 9900, 9500, 2002, and 1200

9000788

3-28

**Same Label Timeout 1000ms**  
05938C

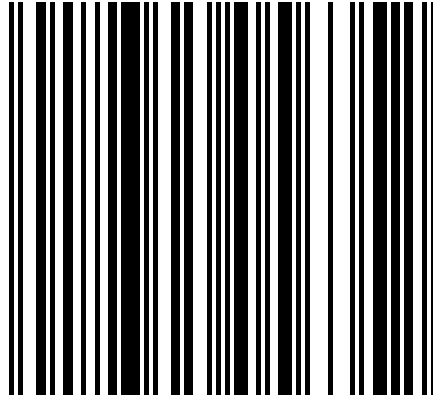


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**3-29**

**Clear Label Timeout 60ms**  
05635C

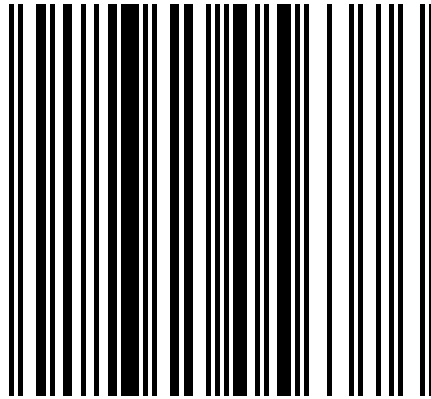


**Models 9950, 9900, 9500, 2002, and 1200**  
**Model 9950 and 9900 (Default)**

**90000788**

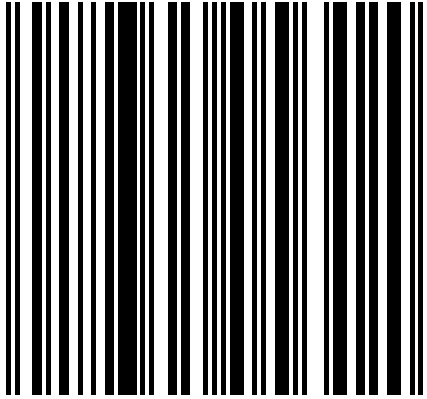
**3-30**

**Clear Label Timeout 100 ms**  
05637C



Models 9950, 9900, 9500, 2002, and 1200

**Clear Label Timeout 200 ms**  
05642C

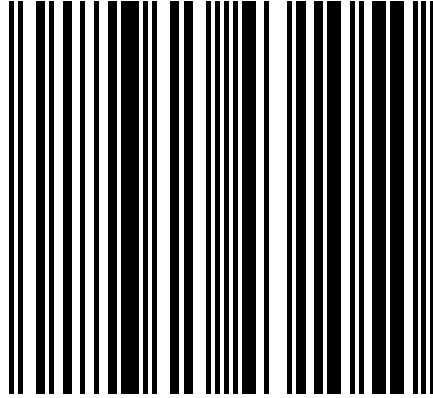


**Models 9950, 9900, 9500, 2002, and 1200**  
**Models 9500, 2002, and 1200 (Default)**

90000788

3-32

**Good Read Compare = 1**  
**(UPC And EAN)**  
43105C

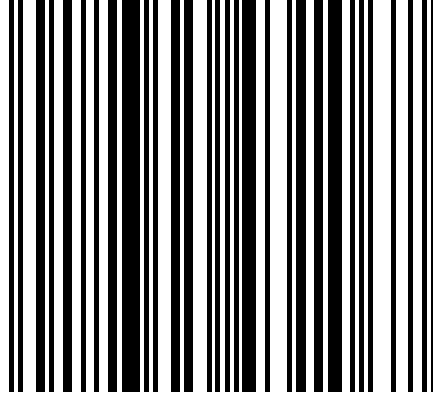


Models 9950, 9900, 9500, 2002, and 1200

90000788

3-33

**Good Read Compare = 2  
(UPC And EAN)  
43106C**



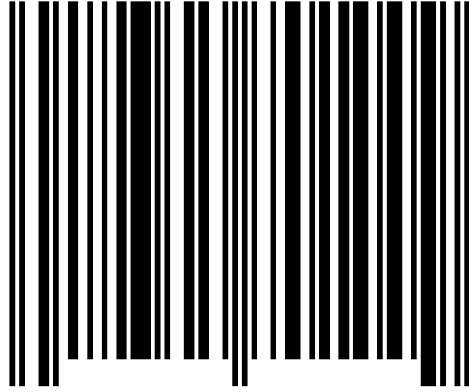
Models 9950, 9900, 9500, 2002, and 1200

90000788

3-34

**Good Read Compare = 1 (Code 128)**

70100C

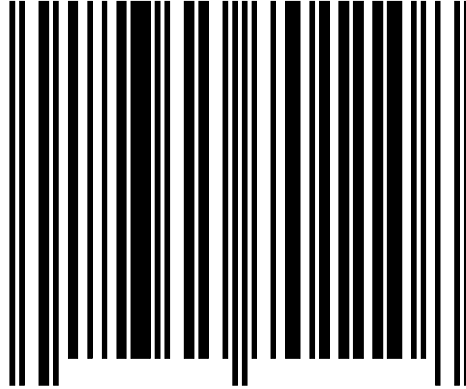


**Models 9950, 9900 and 2002 (Default)**

90000788

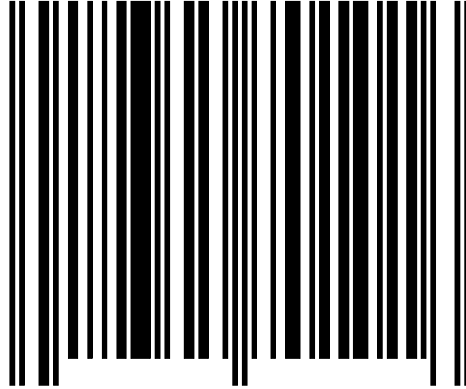
3-35

**Good Read Compare = 2**  
**(Code 128)**  
70110C



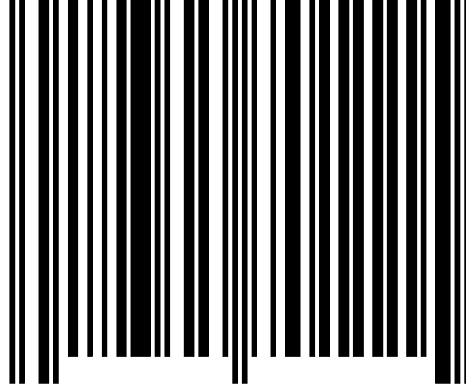
Models 9950, 9900 and 2002

**Good Read Compare = 1**  
**(Code 39)**  
70101C



Models 9950, 9900 and 2002 (Default)

**Good Read Compare = 2**  
**(Code 39)**  
70111C

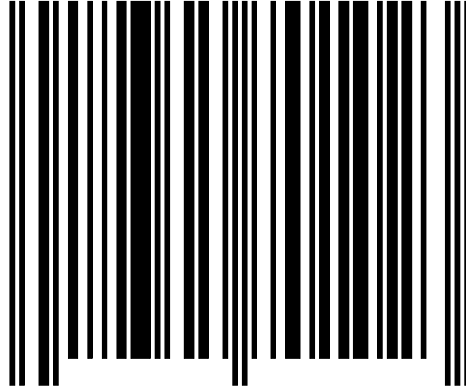


Models 9950, 9900 and 2002

9000788

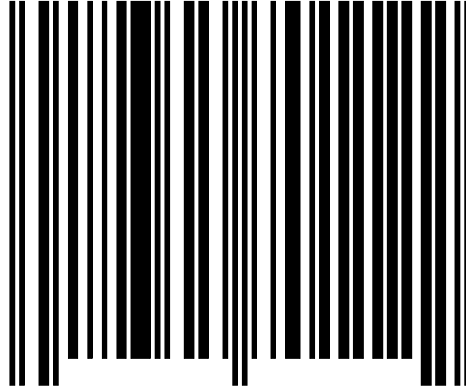
3-38

**Good Read Compare = 1**  
**(Interleaved 2 Of 5)**  
70102C



Models 9950, 9900 and 2002 (Default)

**Good Read Compare = 2**  
**(Interleaved 2 Of 5)**  
70112C



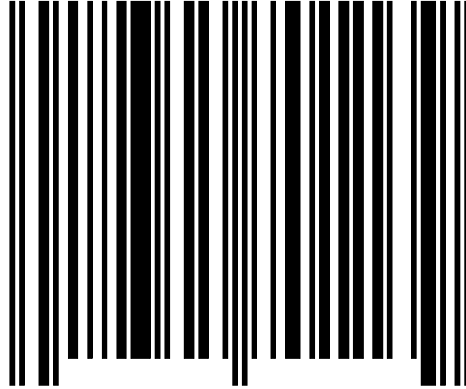
Models 9950, 9900 and 2002

90000788

3-40



**Good Read Compare = 2**  
**(Codabar)**  
70113C

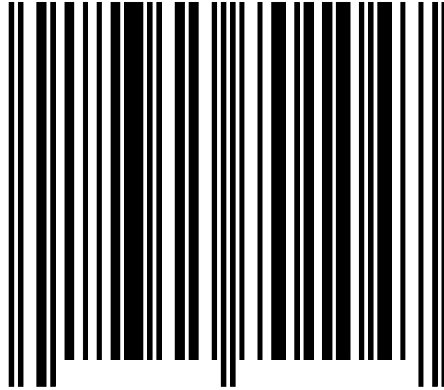


Models 9500, 9900 and 2002

90000788

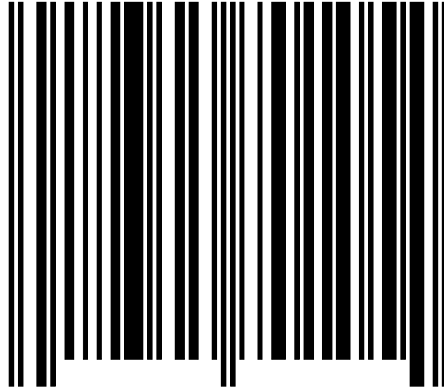
3-42

**Good Read Compare = 1 (RSS14)**  
70104C



**Models 9950 (Default)**

**Good Read Compare = 2 (RSS14)**  
70105C

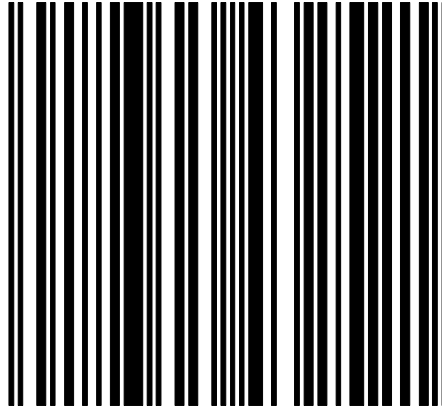


**Models 9950**

**9000788**

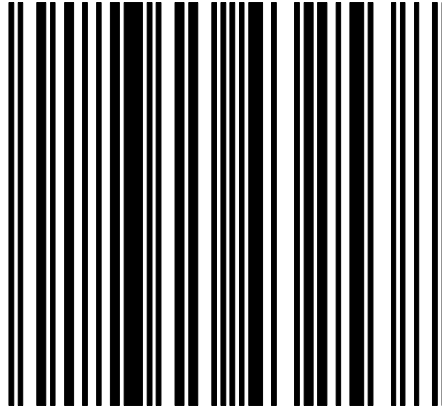
**3-44**

**Scanner Ready Beep Enabled**  
43252C



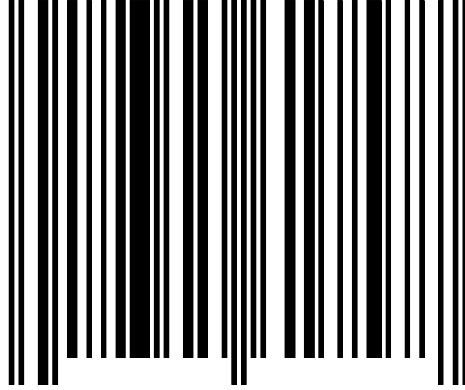
Models 9950, 9900, 2002, and 1200 (Default)

**Scanner Ready Beep Disabled**  
43253C



Models 9950, 9900, 2002, 1200

**Good Read Beep 70ms**  
61757C

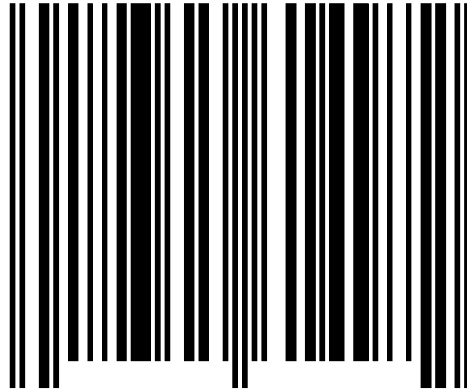


**Model 9950 and 9900**

**90000788**

**3-47**

**Good Read Beep 50ms**  
61497C



Model 9950 and 9900 (Default)

## Section 4

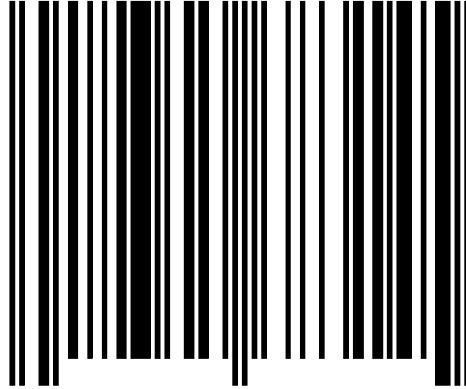
### POS Interface Control

90000788

4-1

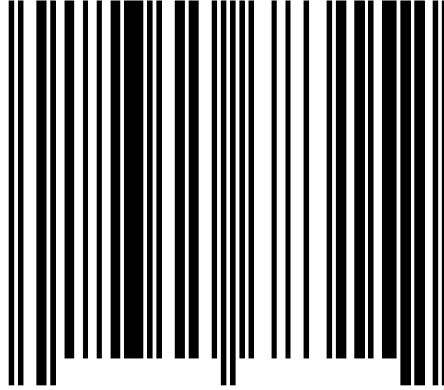
**Enable Scale BCC  
(Single Cable Configuration)**

68314C



Models 9950 and 9900 (Default)

**Disable Scale BCC  
(Single Cable Configuration)  
68315C**

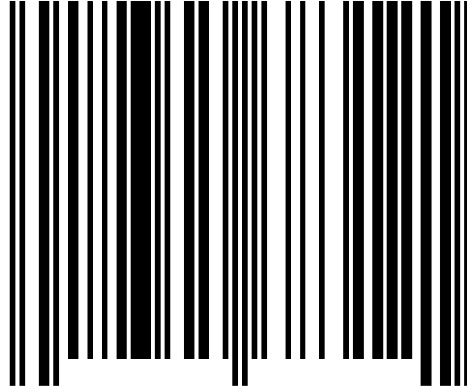


**Models 9950 and 9900**

**90000788**

**4-3**

**Enable Scanner BBC  
(Single Cable Configuration)  
68312C**

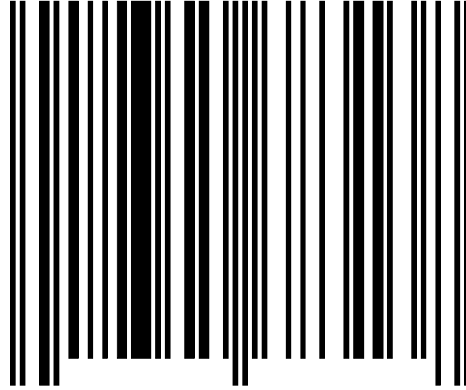


**Models 9950 and 9900 (Default)**

**90000788**

**4-4**

**Disable Scanner BBC  
(Single Cable Configuration)  
68313C**

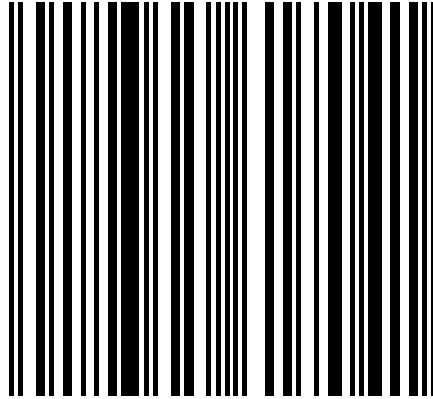


**Models 9950 and 9900**

9000788

4-5

**Initial Message Enabled**  
61704C

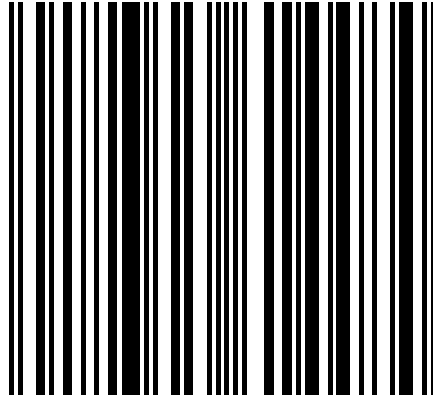


**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**90000788**

**4-6**

**Initial Message Disabled**  
61448C

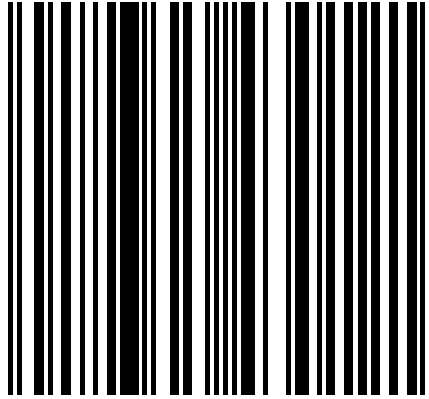


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**4-7**

**Baud Rate 19.2K**  
43012C

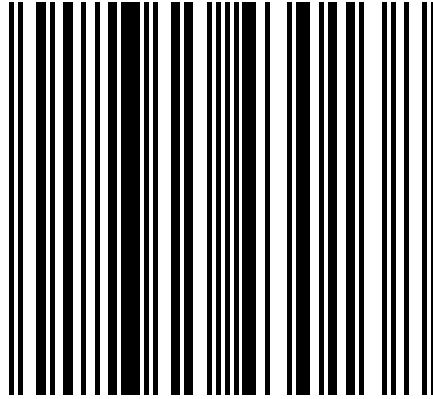


**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

**90000788**

**4-8**

**Baud Rate 9600**  
43013C

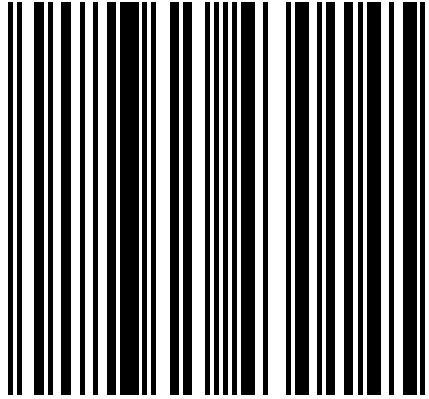


**Default For Scanner Models 9950, 9900, 9500, 2002, and  
1200  
Default For Scanner/Scale Models 9950 and 9900 In The  
78XX Single Cable Configuration)**

**90000788**

**4-9**

**Baud Rate 4800**  
43014C

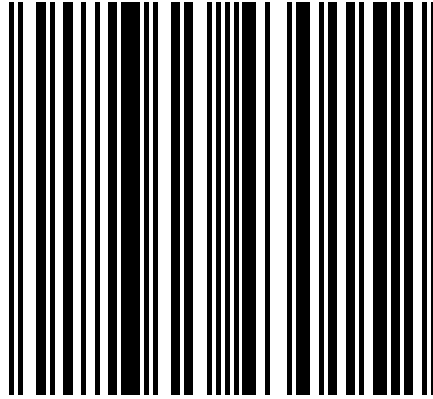


**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

90000788

4-10

**Baud Rate 2400**  
43015C

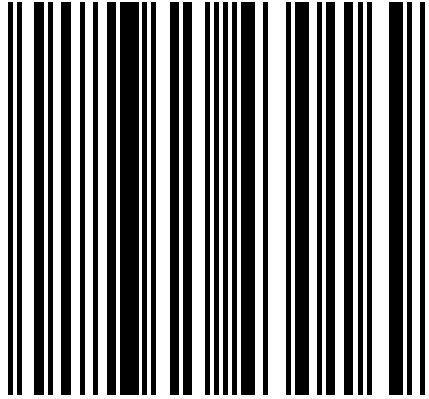


**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

**90000788**

**4-11**

**Baud Rate 1200**  
43016C

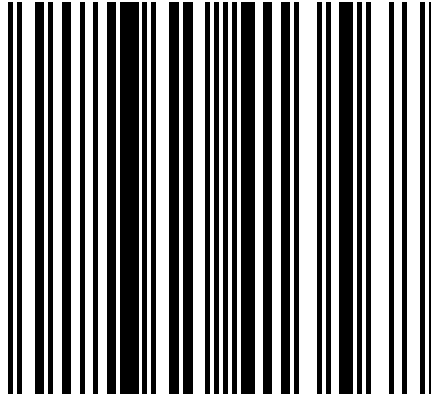


**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

**90000788**

**4-12**

**8 Data Bits**  
41356C

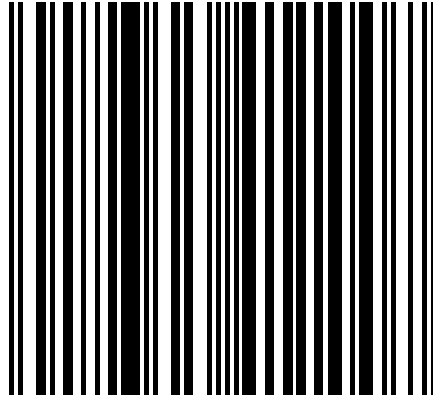


**Default For Scanner Models 9950, 9900, 9500, 2002, and  
1200  
Programmable On Scanner/Scale Models 9950 and 9900  
In The 78XX Single Cable Configuration**

90000788

4-13

**7 Data Bits**  
41100C

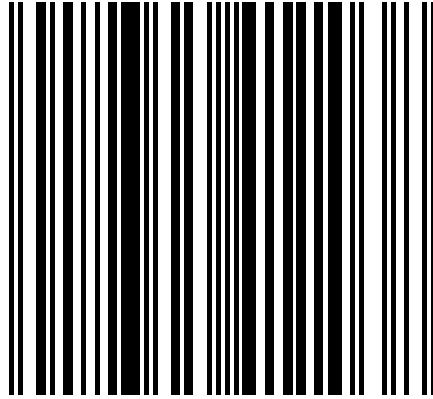


**Programmable On Scanner Models 9950, 9900, 9500, 2002,  
and 1200  
Default For Scanner/Scale Models 9950 and 9900 In The  
78XX Single Cable Configuration**

**90000788**

**4-14**

**1 Stop Bit**  
41103C

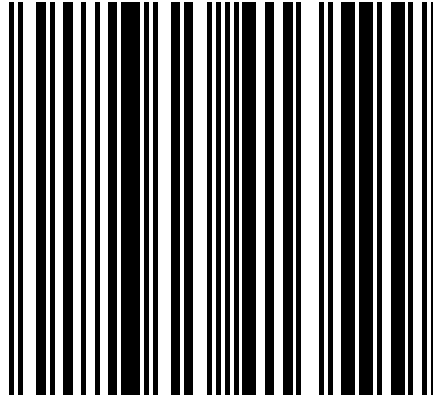


**Default For Scanner Models 9950, 9900, 9500, 2002, and  
1200**  
**Default For Scanner/Scale Models 9950 and 9900 In The  
78XX Single Cable Configuration**

**90000788**

**4-15**

**2 Stop Bits**  
41359C

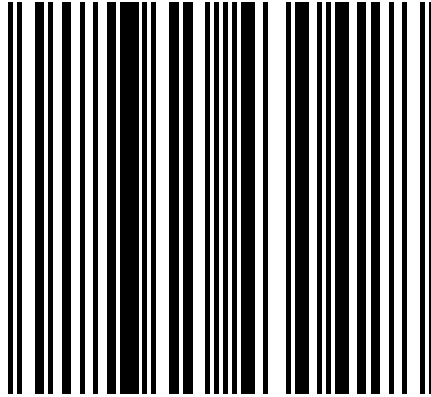


**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The Single Cable  
Configuration**

90000788

4-16

**Even Parity**  
43042C

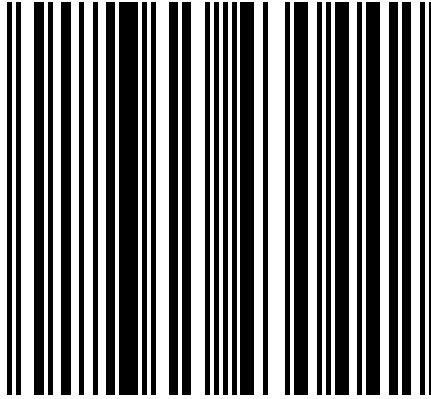


**Default For Scanner Models 9950, 9900, 9500, 2002, and  
1200  
Programmable On Scanner/Scale Models 9950 and 9900  
In The 78XX Single Cable Configuration**

90000788

4-17

**Odd Parity**  
43044C

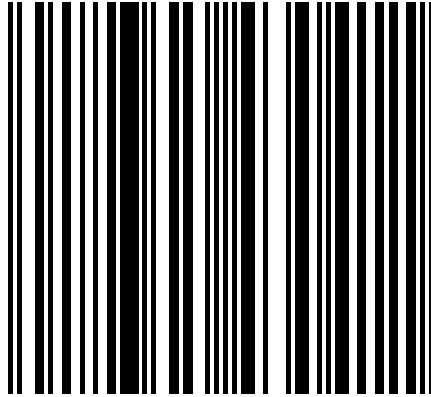


**Programmable On Scanner Models 9950, 9900, 9500, 2002,  
and 1200  
Default For Scanner/Scale Models 9950 and 9900 In The  
78XX Single Cable Configuration**

**90000788**

**4-18**

**No Parity**  
43041C

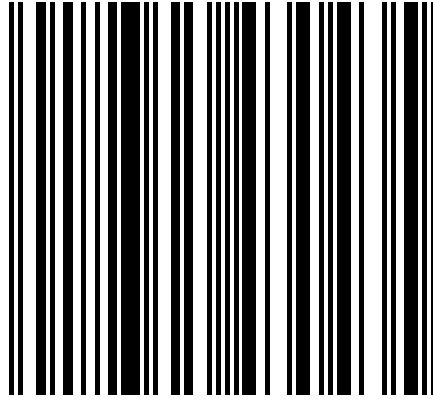


**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

**90000788**

**4-19**

**Mark Parity (Always = 1)**  
43043C

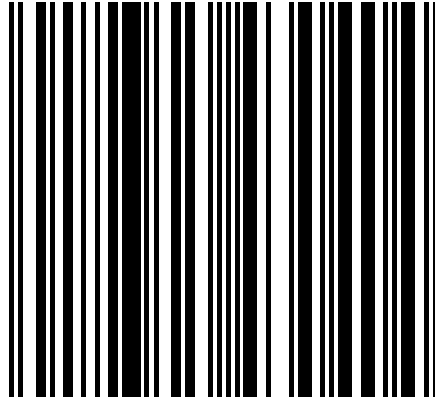


**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

90000788

4-20

**Space Parity**  
43040C

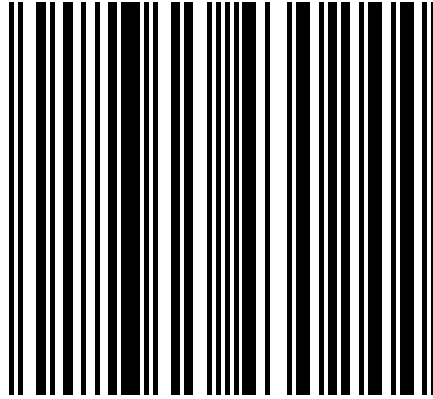


**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

**90000788**

**4-21**

**CR Carriage Return Terminator**  
43024C

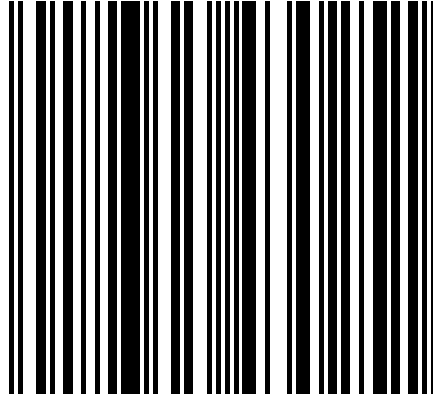


**Default For Scanner Models 9950, 9900, 9500, 2002, and  
1200  
Programmable On Scanner/Scale Models 9950 and 9900  
In The 78XX Single Cable Configuration**

**90000788**

**4-22**

**CR+LF Carriage Return &  
Line Feed Terminator  
43025C**

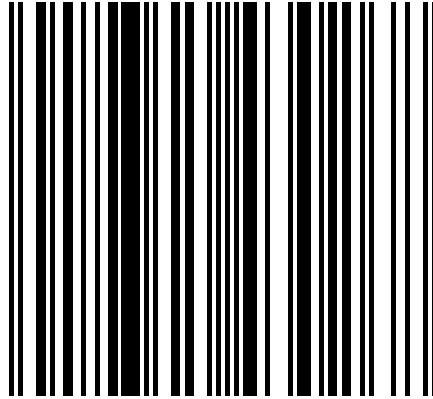


**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

**90000788**

**4-23**

**STX/ETX Terminator**  
43026C

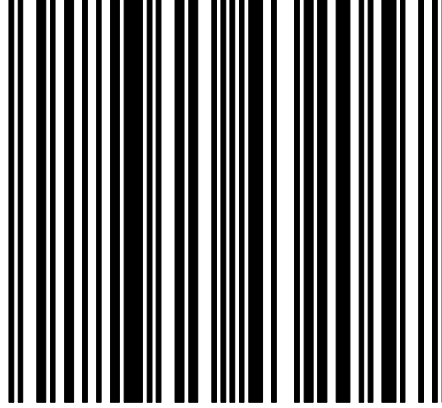


**Programmable On Scanner Models 9950, 9900, 9500, 2002,  
and 1200  
Default For Scanner/Scale Models 9950 and 9900 In The  
78XX Single Cable Configuration**

**90000788**

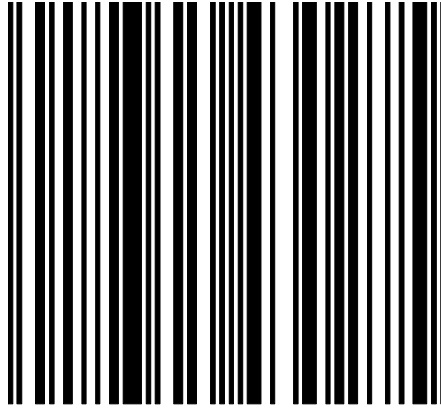
**4-24**

**Prefix, Suffix And ID Code Presetting  
(RS232)  
43205C**



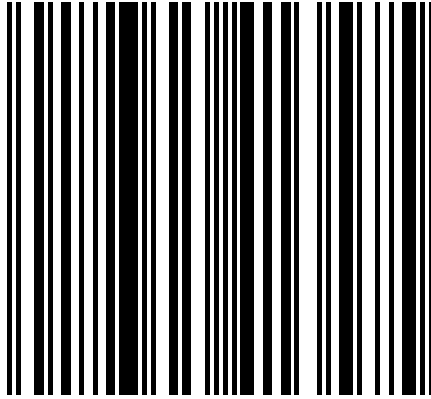
**Models 9950, 9900, 9500, 2002, and 1200**

**No Terminator**  
43027C



**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

**CTS Enabled**  
41357C

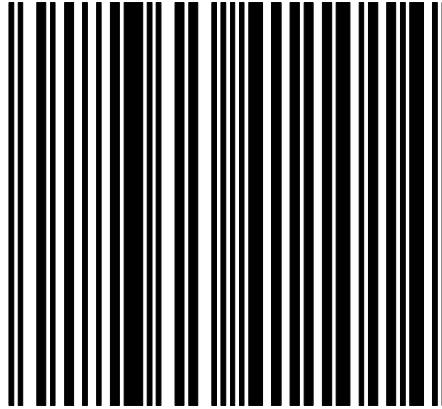


**Default for Scanner Models 9950, 9900, 9500, 2002, and  
1200  
Default For Scanner/Scale Models 9950 and 9900 In The  
78XX Single Cable Configuration**

**90000788**

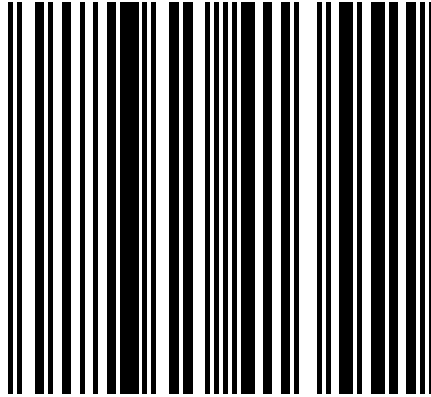
**4-27**

**CTS Disabled**  
41101C



**Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950 and 9900 In The 78XX Single  
Cable Configuration**

**XON/XOFF Enabled**  
41355C

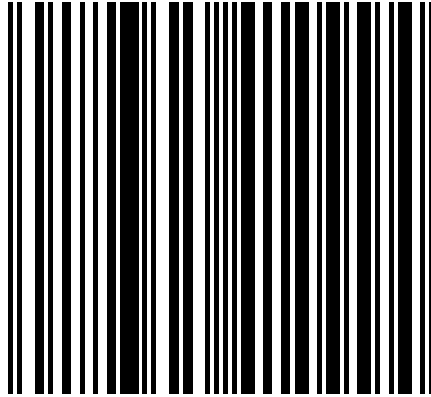


**Default For Scanner Models 9950, 9900, 9500, 2002, and  
1200  
Programmable On Scanner/Scale Models 9950 and 9900  
In The 78XX Single Cable Configuration**

90000788

4-29

**XON/XOFF Disabled**  
41099C

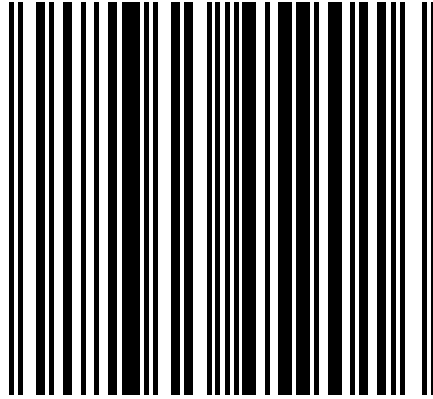


**Programmable On Scanner Models 9950, 9900, 9500, 2002,  
and 1200  
Default For Scanner/Scale Models 9950 and 9900 In The  
78XX Single Cable Configuration**

**90000788**

**4-30**

**OCIA NCR Short Format**  
45901C

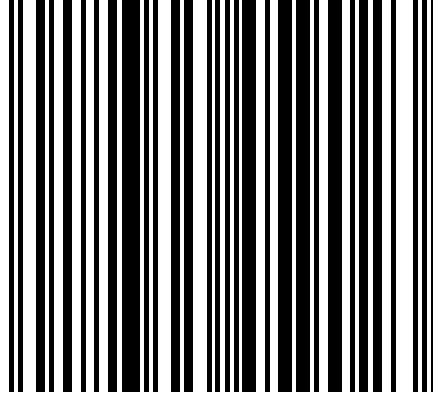


**Scanner Models 9500, 1200, and 2002 Only**

**90000788**

**4-31**

**OCIA SP/DTS Format**  
45902C

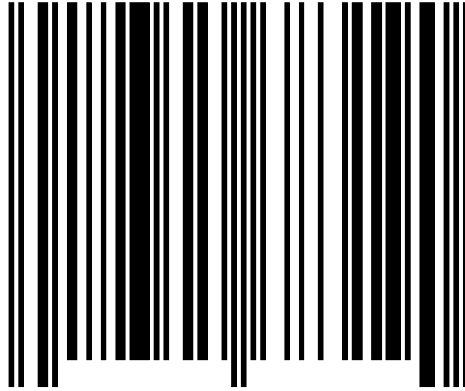


**Scanner Models 9500, 1200, and 2002 Only**

**9000788**

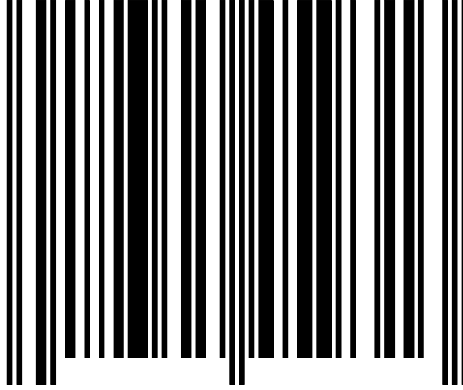
**4-32**

**ACR Single Cable Configuration**  
68319C



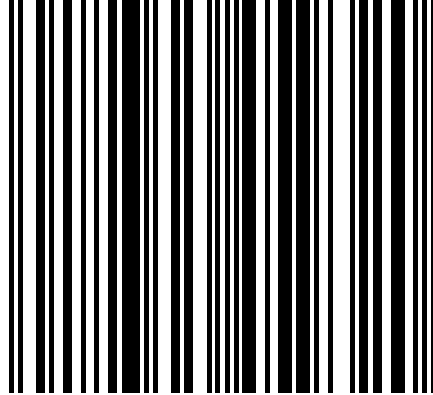
**Protocol:**  
**Baud Rate 9600, Parity Even, Data Bits 7, Stop Bits 1,**  
**Terminator CR, BCC Disabled, CTS Enabled,**  
**XON/XOFF disabled**

**IBM Port 17 (468X)**  
45931C



Scanner Models 9950, 9900, 9500, 2002, and 1200  
Scanner/Scale Models 9950, 9900and 9500

**IBM Port 9 (469x)**  
45932C

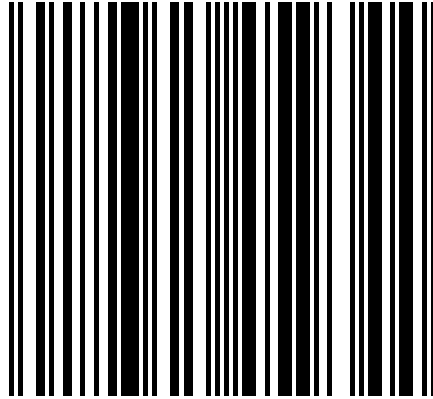


**Scanner Models 9950, 9900, 9500, 2002, and 1200**  
**Scanner/Scale Models 9950, 9900 and 9500**

**90000788**

**4-35**

**IBM 3687 Port 17**  
45934C

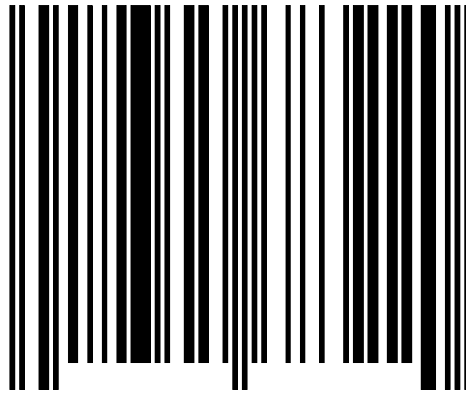


Models 9950, 9900, 1200 and 2002

90000788

4-36

**IBM Scanner Only Configuration**  
68322C

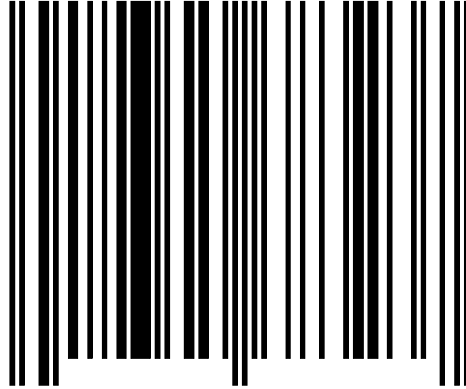


**Model 9950 and 9900 Only**

## **IBM 469X Programming Sequence For Scanner/Scale Single Cable Configuration**

1. Enter the Programming Mode. (Page 1-2)
2. IBM Scanner/Scale Single Cable Configuration. (Page 4-39)
3. IBM Port 9 (469X) Scanner/Scale Single Cable Configuration. (Page 4-40)
4. Exit, Save and Reset. (Page 1-3)

**IBM Scanner/Scale Single Cable  
Configuration  
68323C**

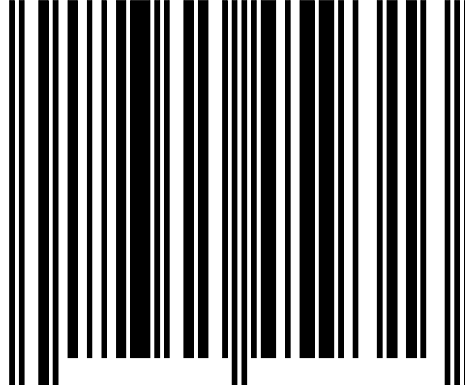


**Model 9950 and 9900 Only**

**90000788**

**4-39**

**IBM Port 9 (469X) Scanner/Scale  
Single Cable Configuration  
45931C**

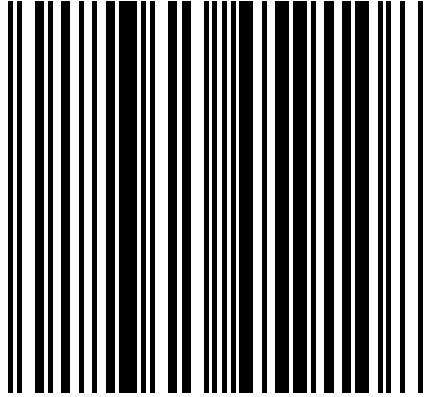


Model 9950 and 9900 Only

9000788

4-40

**RS232 Settings for Fujitsu 9520/150  
45910C**

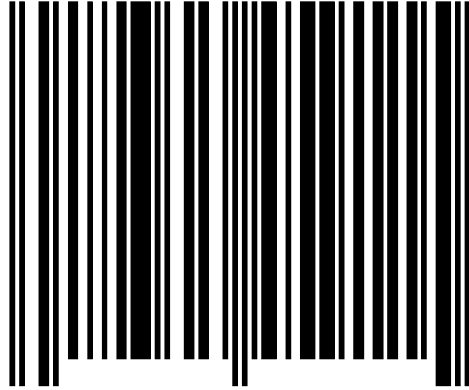


**Scanner Models 9500, 2002, and 1200**

**90000788**

**4-41**

**TeamPoS Series RS232 Settings**  
45911C



Scanner Models 9500, 2002, and 1200

## **TeamPoS Series (Scanner Protocol)**

### **Scanner**

- **Baud Rate: 9600**
- **Data Bits: 8**
- **Stop Bits: 1**
- **Parity: Even**

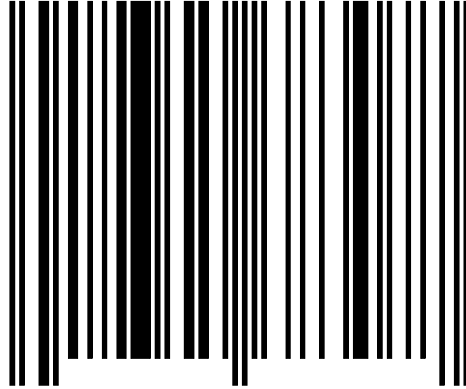
### **Handshaking**

- **CTS: Enabled**
- **XON/XOFF: Enabled**

### **Terminator**

- **Carriage Return (0D HEX)**

**Dual Cable Config.  
(RS232 Scanner And Scale)  
68307C**



**Scanner/Scale Model 9950 and 9900  
See Following Page For Scanner/Scale Protocol**

**90000788**

**4-44**

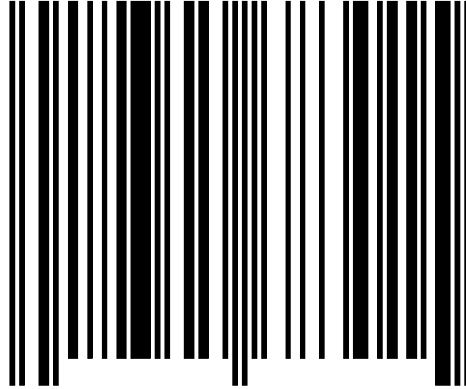
### Dual Cable Configuration RS232 Scanner/Scale Protocol

	Scanner	Scale
Baud Rate	9600	2400
Data Bits	8	7
Stop Bits	1	1
Parity	Even	Even

Handshaking	Scanner
CTS	Enabled
XON/XOFF	Enabled

Terminator	HEX
CR (Carriage Return)	0D

**8200/8500 RS232 Single Cable  
Configuration  
68301C**



**Scanner/ Scale Model 9950 and 9900  
See Following Page For Protocol**

## 8200/8500 RS232 Single Cable Configuration Default Protocol

- Baud Rate: 9600
- Data Bits: 7
- Stop Bits: 2
- Parity: Even

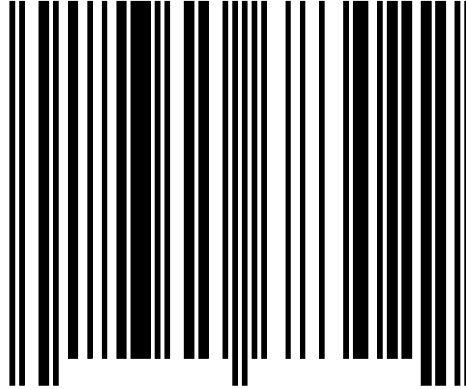
### Handshaking

- CTS: Enabled
- XON/XOFF: Disabled

### Terminator

- Carriage Return (0D HEX)

**78XX Emulation RS232 Scanner Scale  
Single Cable Configuration  
68302C**



**Model 9950 and 9900 Only  
(See Following Page For Protocol)**

**90000788**

**4-48**

## 78XX Emulation RS232 Scanner Scale Single Cable Configuration Protocol

- Baud Rate: 9600
- Data Bits: 7
- Stop Bits: 1
- Parity: Odd

### Handshaking

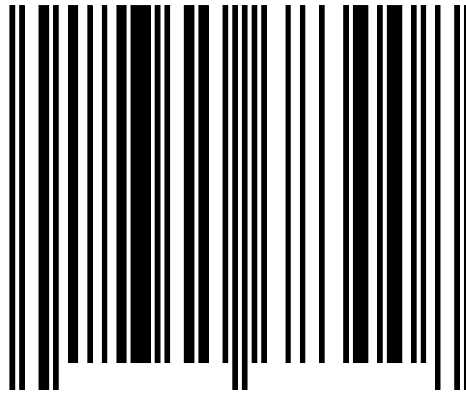
- CTS: Enabled
- XON/XOFF: Disabled

### Prefex/Suffix

- STX/ETX)

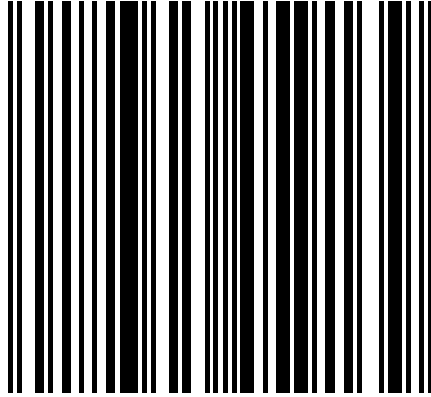
BCC Enabled

**RS232 Scanner Only Configuration**  
68300C



**Default For Scanner Models 9950 and 9900**  
**See Page 4-43 For Protocol**

**RS232 Settings For Fujitsu 9520/A  
45913C**

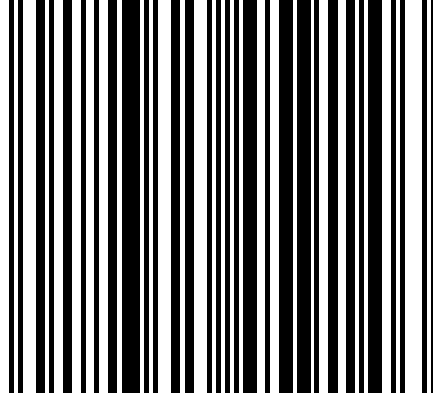


**Models 9500, 1200, and 2002 Only**

**90000788**

**4-51**

**RS232 Settings For Fujitsu 9520/100  
45914C**



**Models 9500, 1200, and 2002 Only**

**90000788**

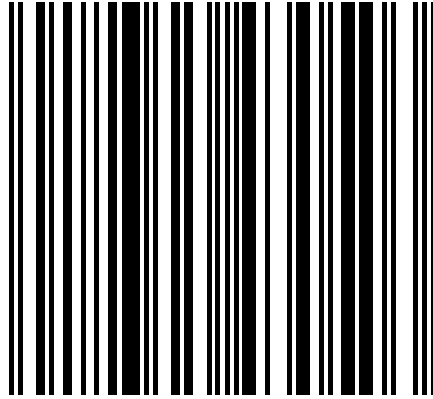
**4-52**

## Handheld Port Protocol

- Baud Rate: 9600
- Data Bits: 8
- Stop Bits: 1
- Parity: Even

**Default For Scanner Models 9500 and 2002**  
**Default For Scanner/Scale Models 9950 and 9900 in**  
**the 78XX Single cable configuration**

**Handheld Port 9600 Baud  
43050C**

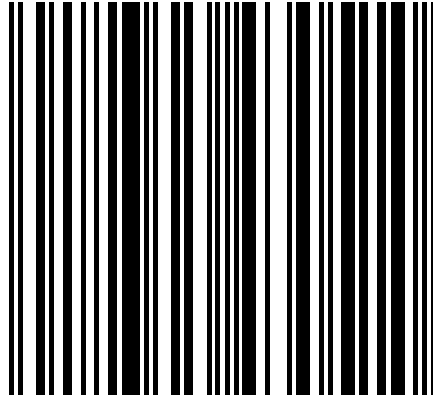


**Handheld Scanner Port, Models 9500, and 2002 (Default)  
Scale Or Handheld Port, Models 9950 and 9900**

**90000788**

**4-54**

**Handheld Port 4800 Baud  
43051C**

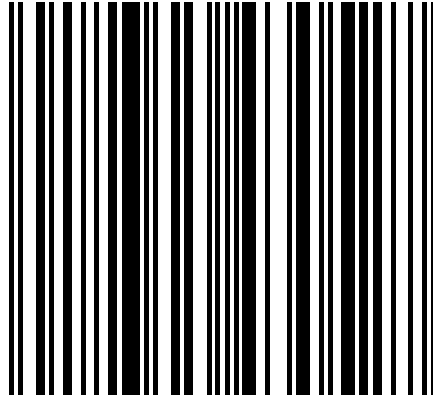


**Handheld Scanner Port, Models 9500, and 2002  
Scale Or Handheld Port, Models 9950 and 9900**

**90000788**

**4-55**

**Handheld Port 2400 Baud  
43052C**

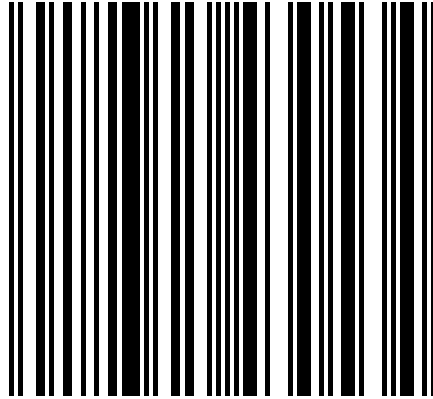


**Handheld Scanner Port, Models 9500, and 2002  
Scale Or Handheld Port, Models 9950 and 9900**

**90000788**

**4-56**

**Handheld Port 1200 Baud  
43053C**

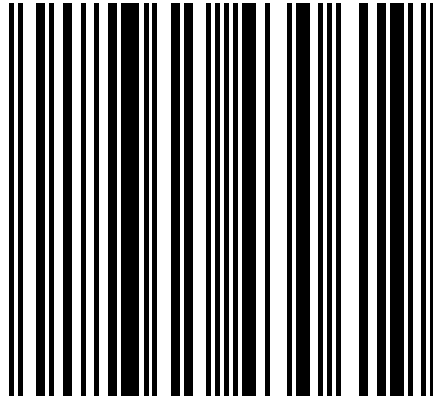


**Handheld Scanner Port, Models 9500, and 2002  
Scale Or Handheld Port, Models 9950 and 9900**

**90000788**

**4-57**

**Handheld Port 8 Data Bits**  
43061C

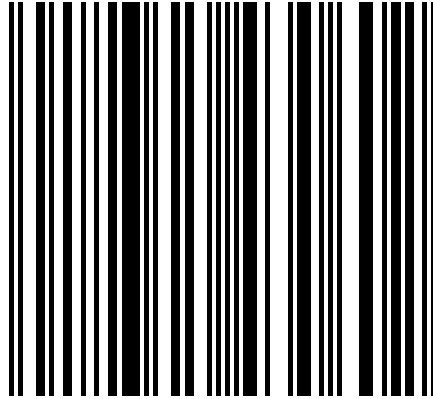


**Handheld Scanner Port, Models 9500, and 2002 (Default)  
Scale Or Handheld Port, Models 9950 and 9900**

90000788

4-58

**Handheld Port 7 Data Bits**  
43060C

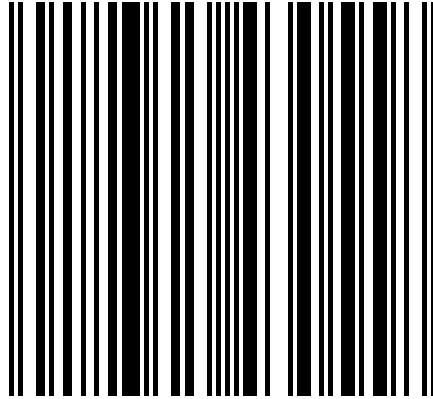


**Handheld Scanner Port, Models 9500, and 2002  
Scale Or Handheld Port, Models 9950 and 9900**

90000788

4-59

**Handheld Port 1 Stop Bit**  
43055C

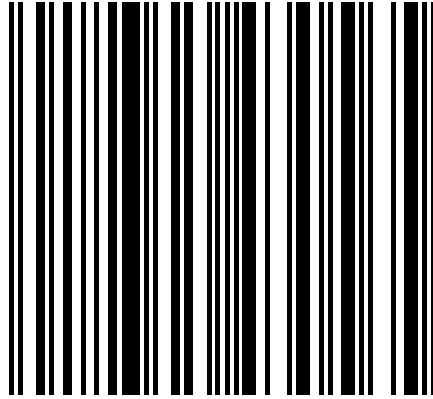


**Handheld Scanner Port, Models 9500, and 2002 (Default)  
Scale Or Handheld Port, Models 9950 and 9900**

90000788

4-60

**Handheld Port 2 Stop Bits**  
43056C

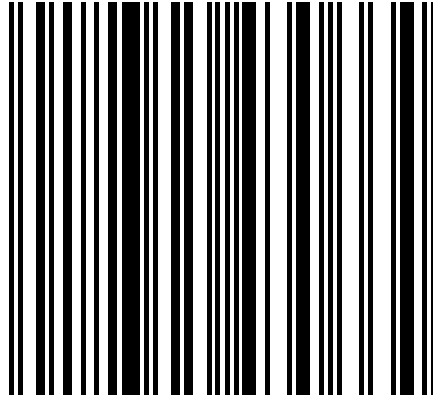


**Handheld Scanner Port, Models 9500, and 2002  
Scale Or Handheld Port, Models 9950 and 9900**

90000788

4-61

**Handheld Port Even Parity**  
43066C

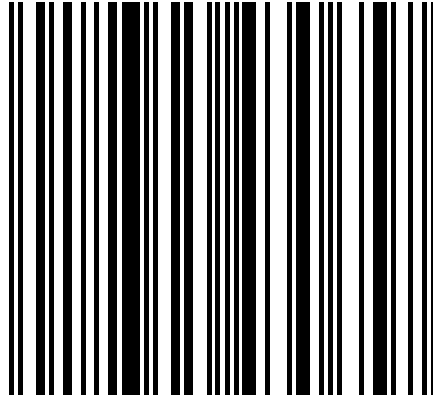


**Handheld Scanner Port, Models 9500, and 2002 (Default)  
Scale Or Handheld Port, Models 9950 and 9900**

90000788

4-62

**Handheld Port Odd Parity**  
43065C

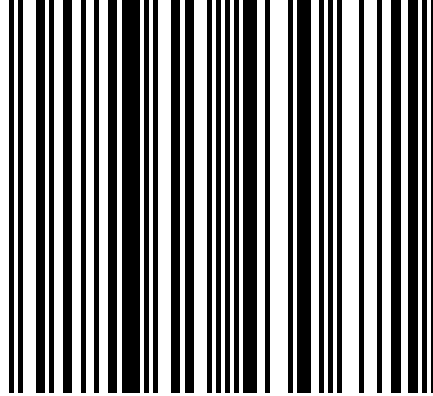


**Handheld Scanner Port, Models 9500, and 2002  
Scale Or Handheld Port, Models 9950 and 9900**

90000788

4-63

**Handheld Port No Parity**  
43067C

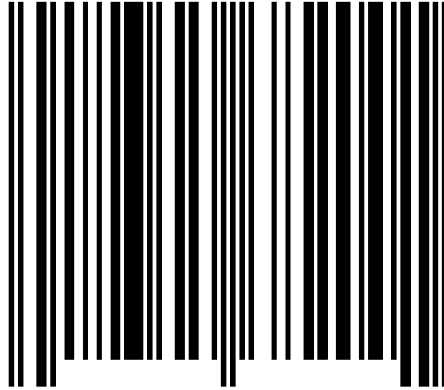


**Handheld Scanner Port, Models 9500, and 2002  
Scale Or Handheld Port, Models 9950 and 9900**

90000788

4-64

**Keyboard Wedge (101 Key Keyboard)**  
68200C

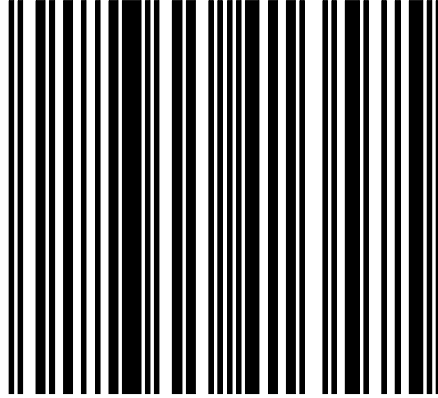


Scanner Models 1200 and 2002

90000788

4-65

**Interrupt For Sending Keyboard Data  
Enabled  
41357C**



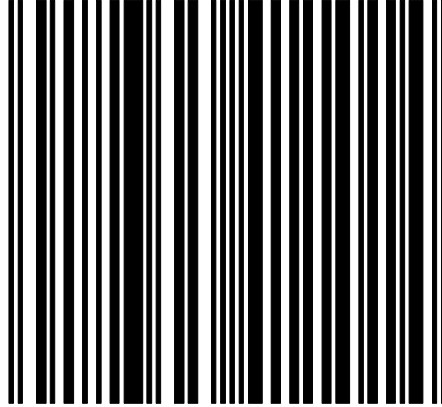
Scanner Models 1200 and 2002 (Default)

90000788

4-66

**Interrupt For Sending  
Keyboard Data Disabled**

41101C

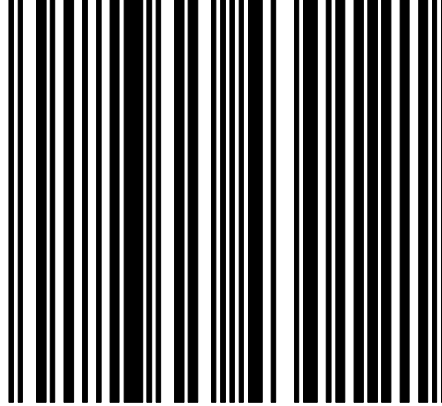


Scanner Models 1200 and 2002

90000788

4-67

**Interval Timer For Sending  
Each Character 0ms  
43012C**



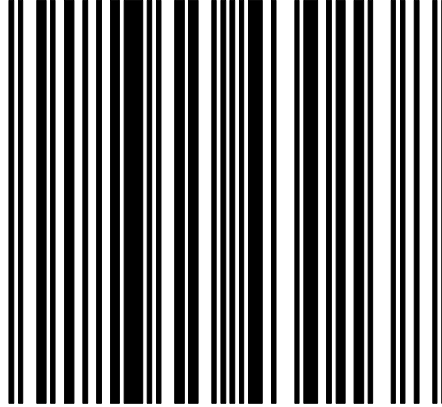
Scanner Models 1200 and 2002

9000788

4-68

**Interval Timer For Sending  
Each Character 10ms**

43013C

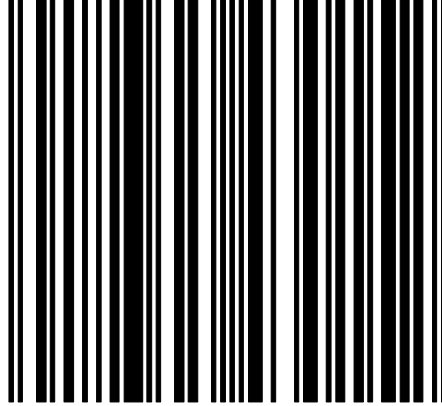


Models 1200 and 2002

90000788

4-69

**Interval Timer For Sending  
Each Character 50ms**  
43015C

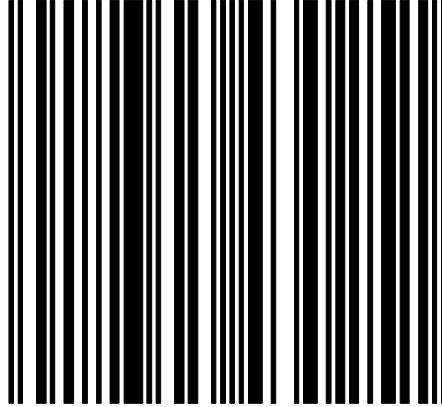


Models 1200 and 2002

90000788

4-70

**Keyboard Wedge Interface  
Terminator Carriage Return (CR)  
43025C**

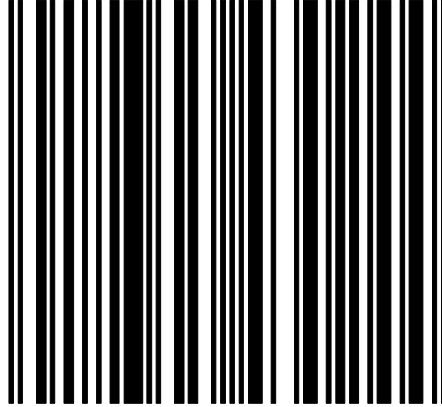


**Models 1200 and 2002**

**90000788**

**4-71**

**Keyboard Wedge Interface  
Terminator CR/LF  
43024C**



**Models 1200 and 2002**

**90000788**

**4-72**

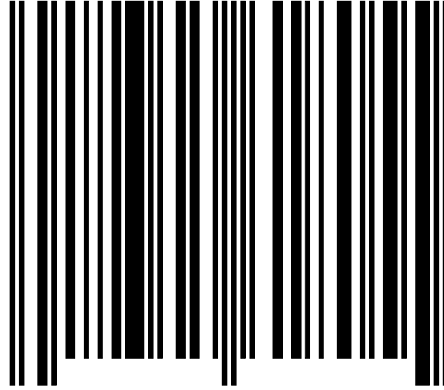
**Section 5**  
Scan Label Control

90000788

5-1

**Item Not On File 5 Second Beep**

61805C



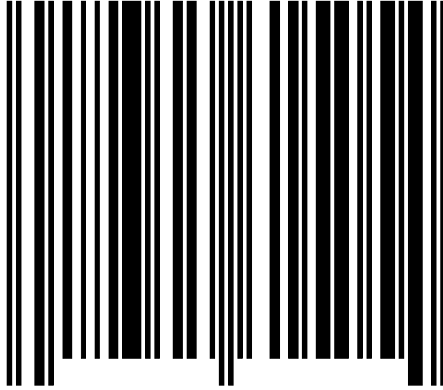
**Models 9950 and 9900, 78XX Emulation Single Cable  
Configuration (Default)**

**90000788**

**5-2**

**Item Not On File Continuous Beep**

61505C



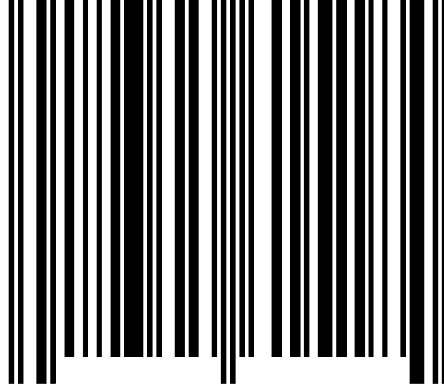
**Models 9950 and 9900, 78XX Emulation Single Cable Configuration**

90000788

5-3

**Item Not On File No Beep**

61518C

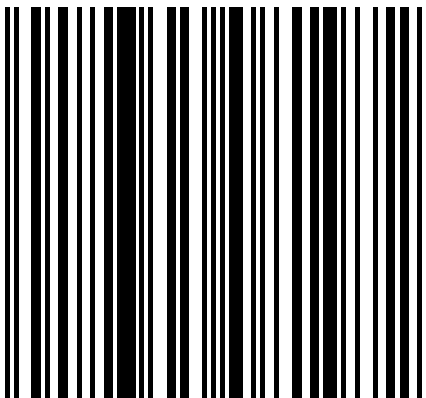


**Models 9950 and 9900, 78XX Emulation Single Cable  
Configuration**

90000788

5-4

**EAN 13 And UPCA Label Stitching  
Enabled  
08197C**

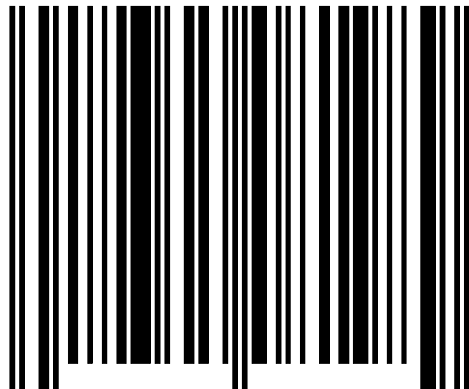


Models 9950, 9900, 9500, 2002, and 1200 (Default)

90000788

5-5

**EAN 13 And UPCA Label Stitching  
Disabled  
08198C**

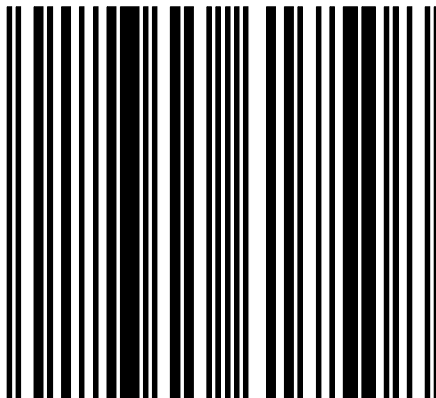


Models 9950, 9900, 9500, 2002, and 1200

90000788

5-6

**UPCE Label Stitching Enable**  
61750C



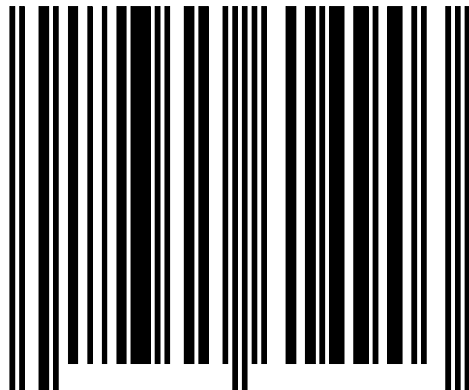
Models 9950, 9900, and 2002

9000788

5-7

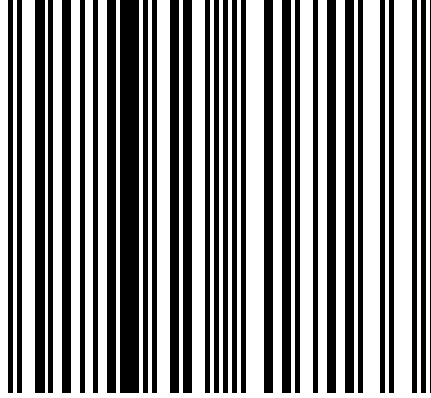
**UPCE Label Stitching Disabled**

61490C



Models 9950, 9900, and 2002 Only (Default)

**Add On 2 Barcodes Enabled**  
61713C

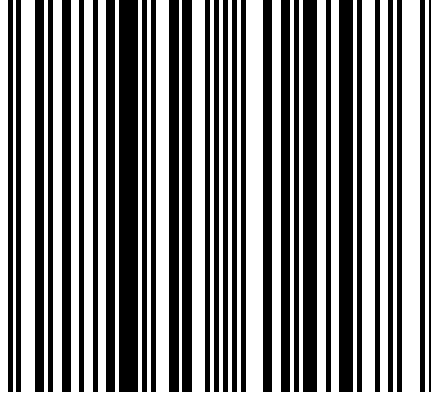


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**5-9**

**Add On 2 Barcodes Disabled**  
61457C

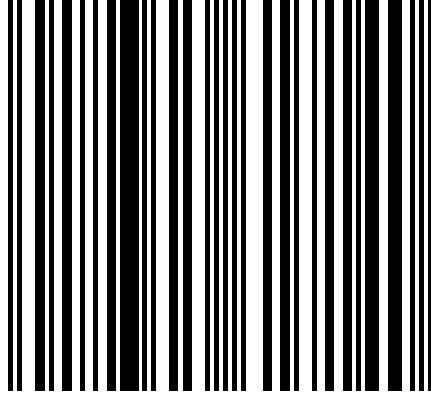


**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**90000788**

**5-10**

**Add On 5 Barcodes Enabled**  
61714C

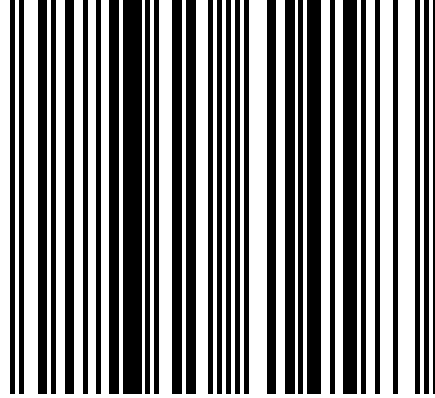


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**5-11**

**Add On 5 Barcodes Disabled**  
61458C

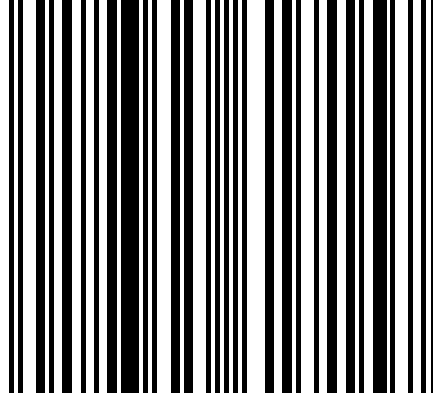


**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**90000788**

**5-12**

**UPC D Barcodes Enabled**  
61715C

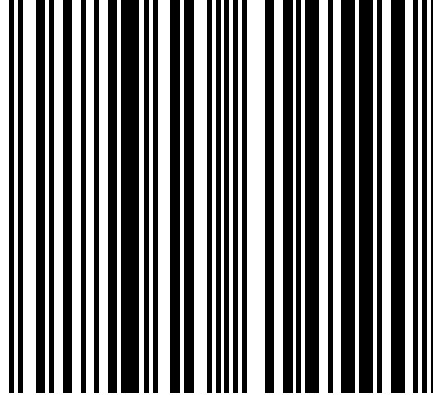


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**5-13**

**UPC D Barcodes Disabled**  
61459C



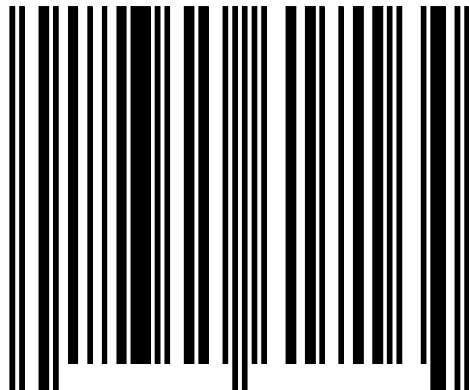
**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**90000788**

**5-14**

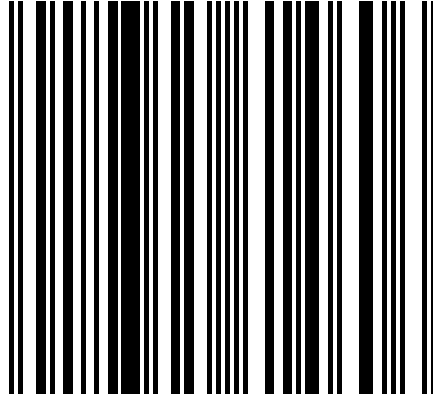
**UPC A Check Digit Enabled**

61716C



Models 9950, 9900, 9500, 2002, and 1200 (Default)

**UPC A Check Digit Disabled**  
61460C

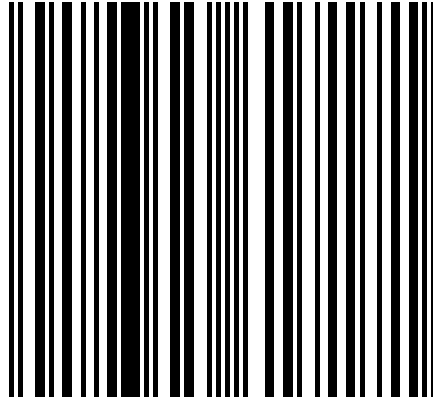


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

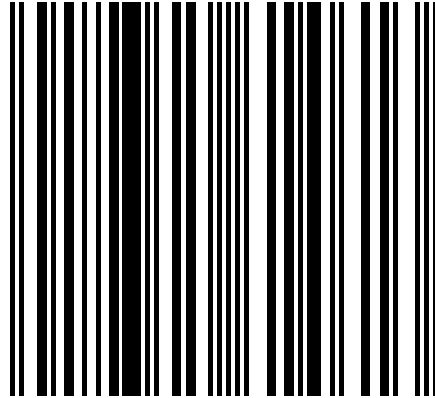
**5-16**

**UPC A Country Code (Zero)  
Enabled  
61717C**



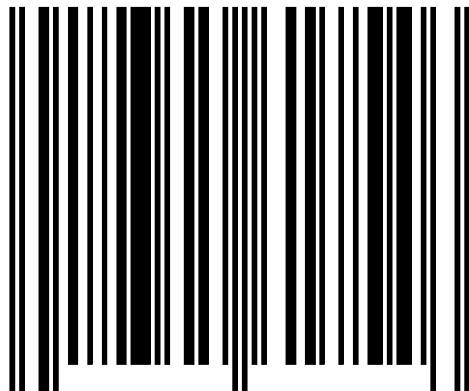
Leading "0" added to UPC-A code (looks like EAN13)  
(e.g. 0012345 12345 C)

**UPC A Country Code (Zero)  
Disabled  
61461C**



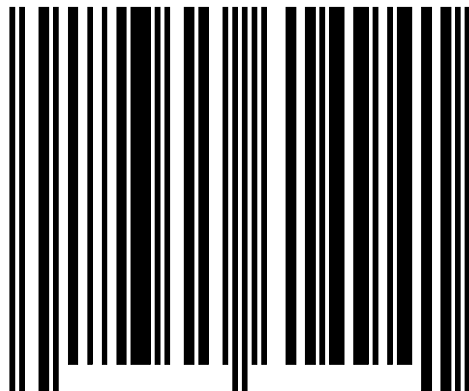
**Models 9950, 9900, 9500, 2002, and 1200 (Default)  
Does not remove UPC-A number system "0"  
(e.g. 0 12345 12345 C)**

**UPC A System Character  
Enabled  
61754C**



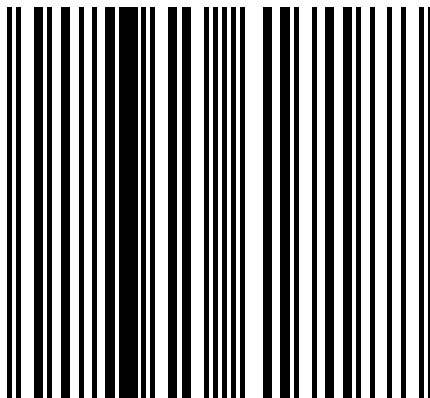
**Models 9950, 9900 and 2002 (Default)**

**UPC A System Character  
Disabled  
61494C**



Models 9950, 9900 2002

**UPC E Check Digit  
Enabled  
61718C**

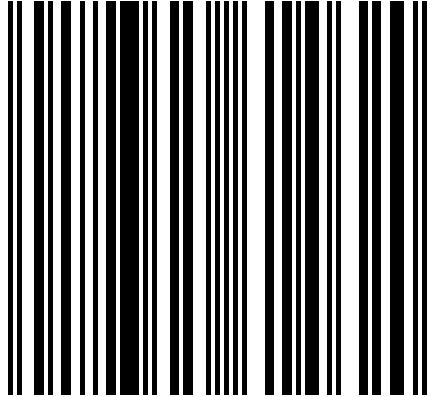


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**5-21**

**UPC E Check Digit Disabled**  
61462C

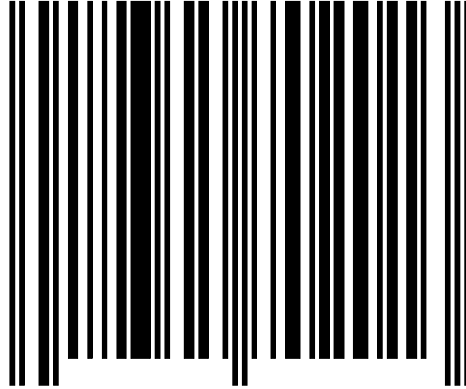


**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**9000788**

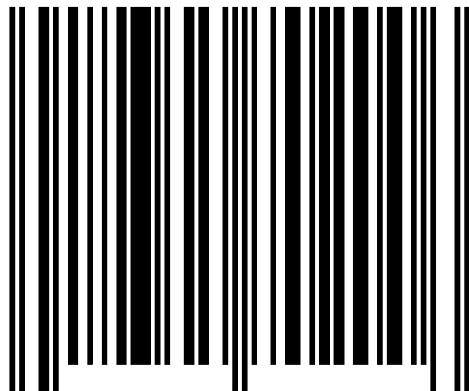
**5-22**

**UPC E System Character Zero  
Enabled  
70201C**



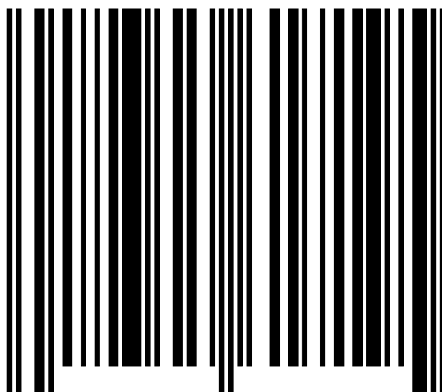
Model 9950, 9900 and 2002

**UPC E System Character Zero  
Disabled  
70200C**



Model 9950, 9900 and 2002 (Default)

**UPC E Country Code Zero  
Enabled  
61719C**

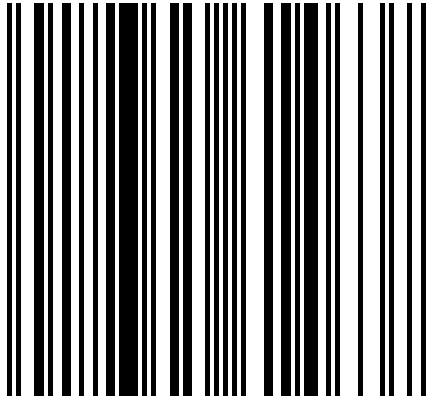


Models 9950, 9900, 9500, 2002, and 1200

90000788

5-25

**UPC E Country Code Zero  
Disabled  
61463C**

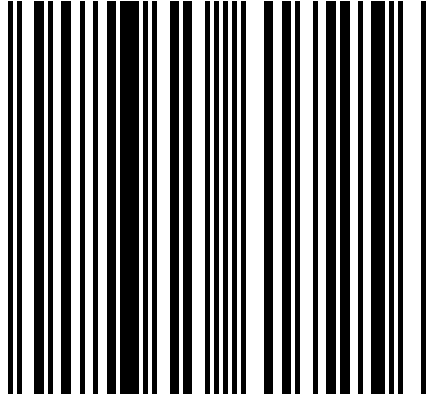


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**5-26**

**UPC E Expanded To UPCA  
Enabled  
61725C**

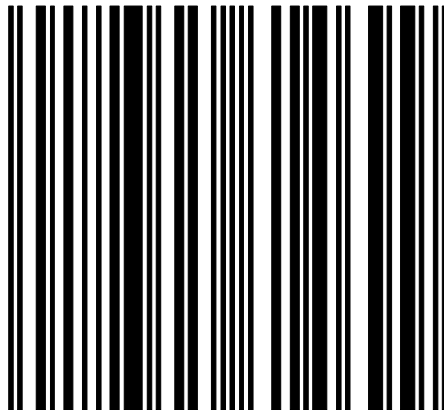


Models 9950, 9900, 9500, 2002, and 1200

90000788

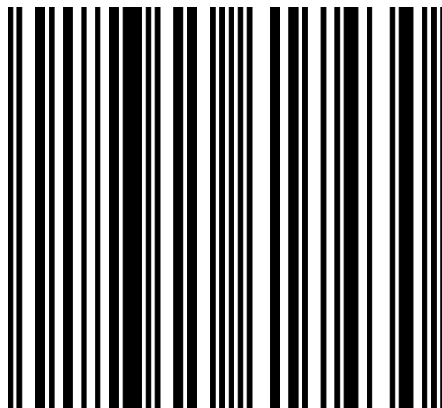
5-27

**UPC E Expanded To UPC A  
Disabled  
61469C**



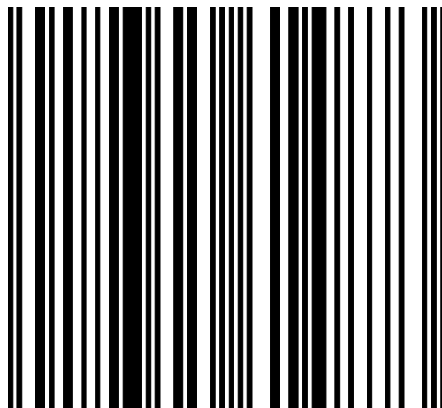
Models 9950, 9900, 9500, 2002, and 1200 (Default)

**EAN 13 And EAN 8 Check Digit  
Enabled  
61743C**



Models 9950, 9900, 9500, 2002, and 1200 (Default)

**EAN 13 And EAN 8 Check Digit  
Disabled  
61487C**

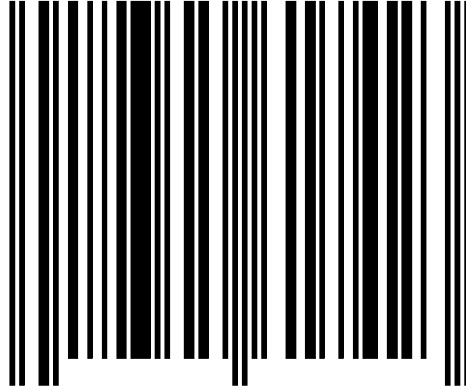


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

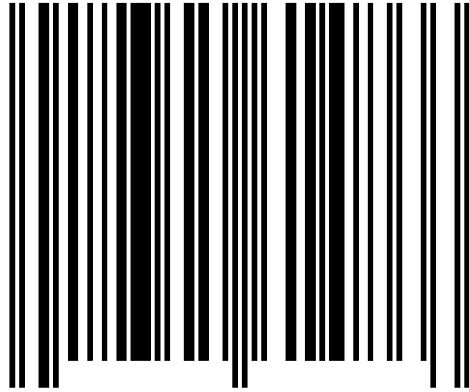
**5-30**

**UPC Or EAN With 5 Or 2 Add On  
Supplement Enabled (IBM Interface)  
61742C**



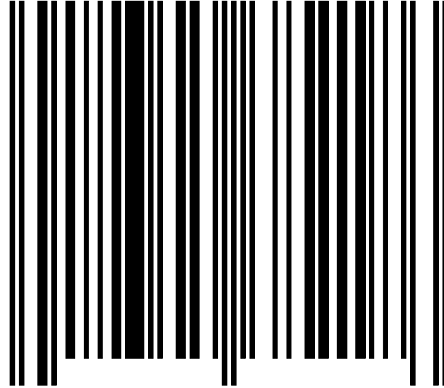
Models 9950, 9900, and 2002

**UPC Or EAN With 5 or 2 Add On  
Supplement Disabled (IBM Interface)  
61486C**



**Models 9950, 9900, and 2002 (Default)**

**EAN8 Expanded To EAN13 Enabled**  
68218C



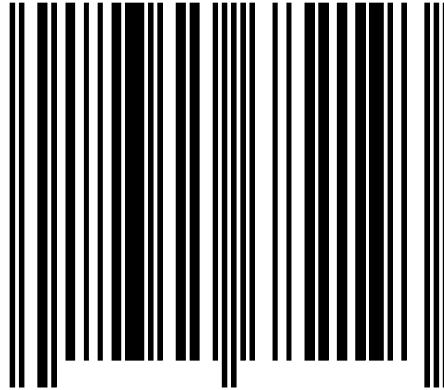
Models 9950, 9900 and 1200

9000788

5-33

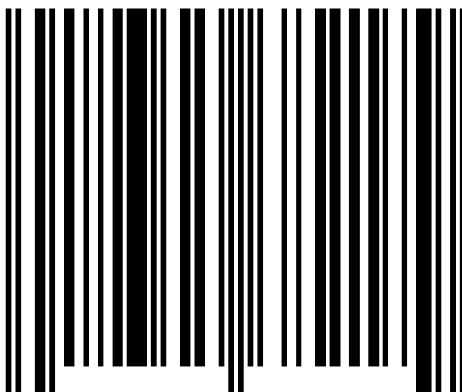
**EAN8 Expanded To EAN13 Disabled**

68219C



Models 9950, 9900 and 1200 (Default)

**EAN8 Expanded to EAN13 Enabled  
S18 Format  
68217C**

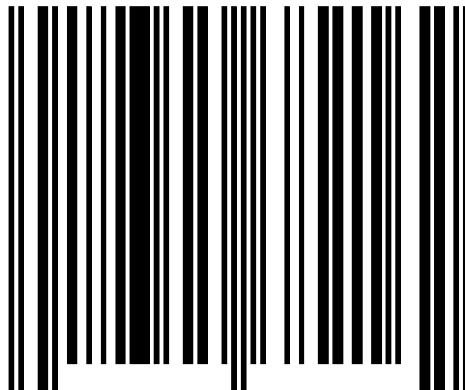


**Models 9950 and 9900**

**90000788**

**5-35**

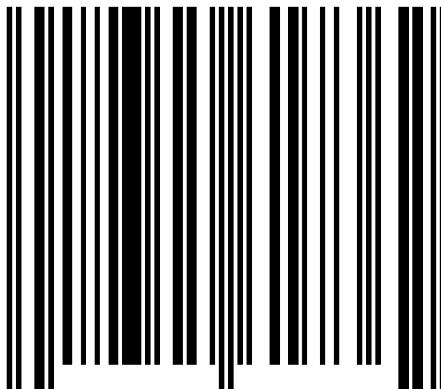
**EAN8 Expanded to EAN 13 Disabled**  
**S18 Format**  
68216C



Models 9950 and 9900 (Default)

**UPC/EAN/JAN ID Code Enabled**

61736C



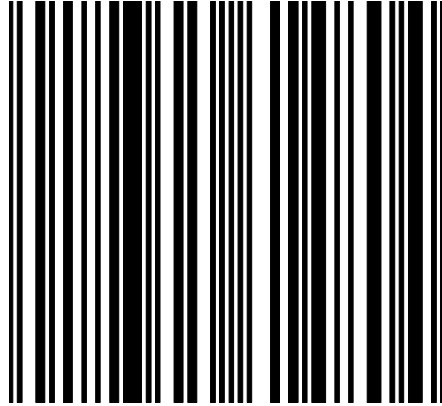
Models 9950, 9900, 9500 2002 and 1200

9000788

5-37

**UPC/EAN/JAN ID Code Disabled**

61480C

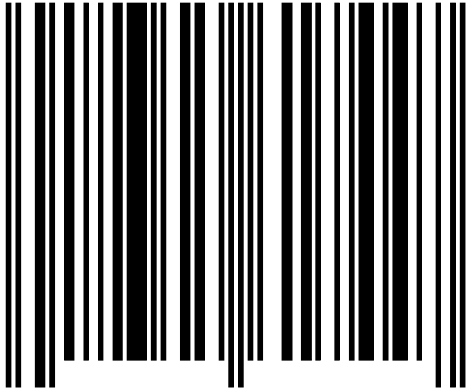


**Models 9950, 9900, 9500 2002 and 1200**

**90000788**

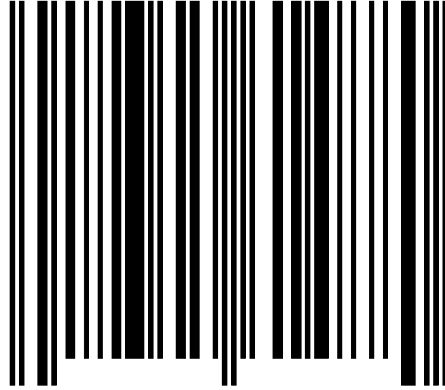
**5-38**

**RSS14 Enabled**  
61744C



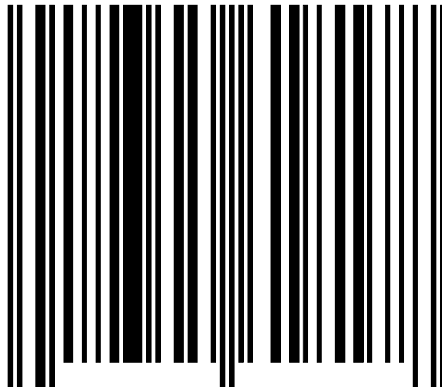
Models 9950, 9900 and 9500

**RSS14 Disabled**  
61488C



Models 9950, 9900 and 9500 (Default)

**RSS14 Check Digit Enabled**  
61817C



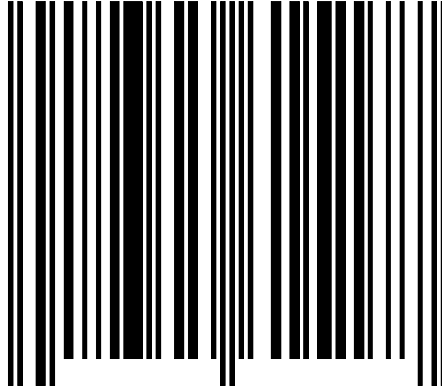
Models 9950, and 9900

9000788

5-41

**RSS 14 Check Digit Disabled**

61517C

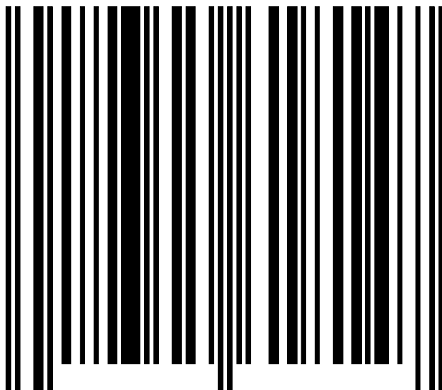


**Models 9950, and 9900**

**90000788**

**5-42**

**Validation Of Expiration Date Enabled  
(RSS14 Expanded)  
61814C**

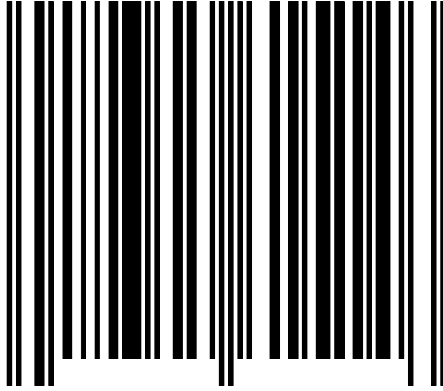


Model 9950

9000788

5-43

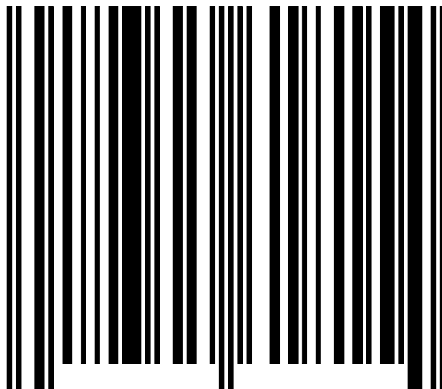
**Validation Of Expiration Date  
Disabled (RSS14 Expanded)**  
61514C



Model 9950 (Default)

**Issue Operator Alert For Expired  
Date, And Transmit Data To Host  
(RSS14 Expanded)**

61815C

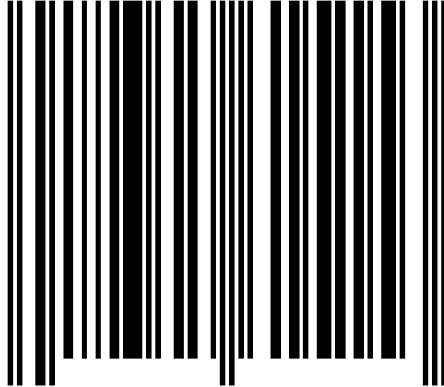


Model 9950

90000788

5-45

**No Operator Alert For Expired Date,  
Transmit Data To Host  
(RSS14 Expanded)  
61515C**

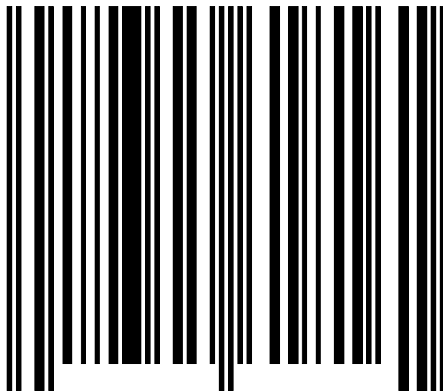


Model 9950

9000788

5-46

**Issue Operator Alert For Expired Date,  
No Data Sent To Host  
(RSS14 Expanded)  
61816C**

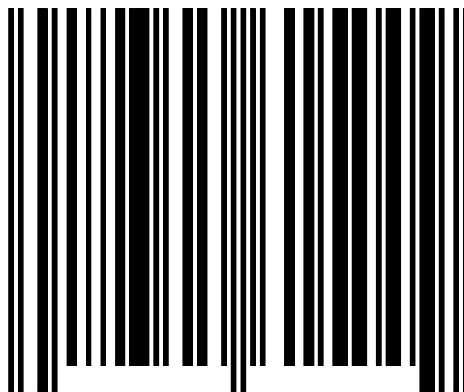


Model 9950

90000788

5-47

**Enable UPC/EAN Expansion  
To GTIN14 Format  
61500C**

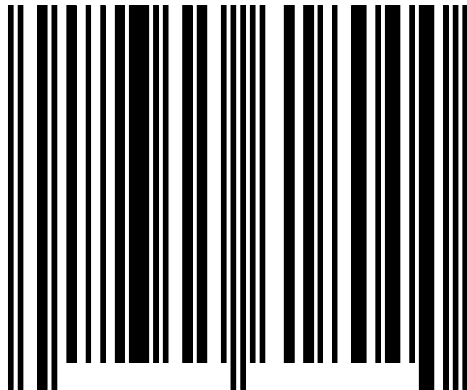


**Models 9950, and 9900,**

**90000788**

**5-48**

**Disabled UPC/EAN Expansion  
To GTIN14 Format  
61800C**



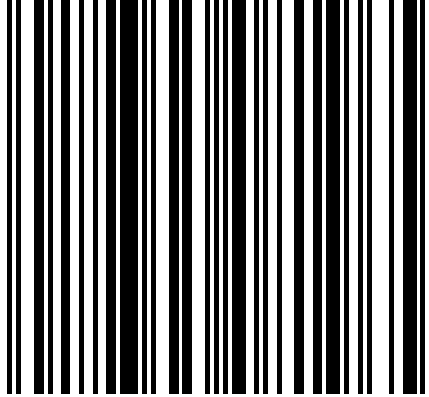
**Models 9950, and 9900 (Default)**

90000788

5-49

**Code 128 All Lengths Disabled**

08196C

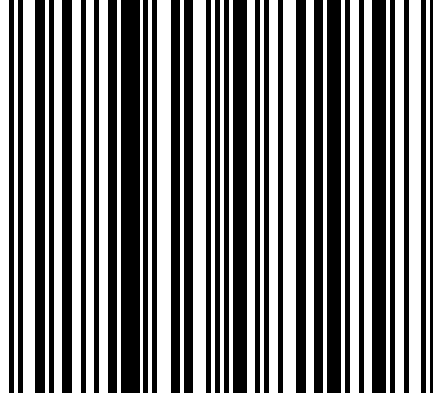


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**5-50**

**Code 128 All Lengths Enabled**  
08195C

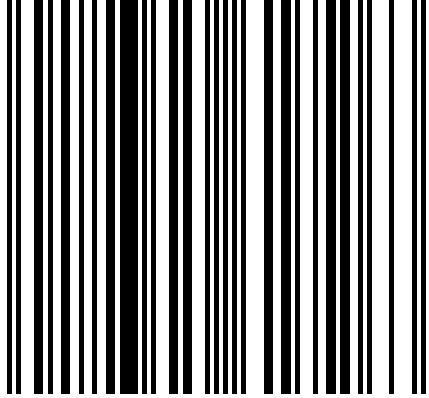


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**5-51**

**Code 39 Enable**  
61726C

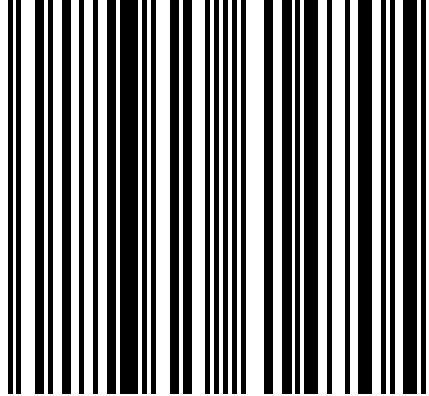


**Models 9950, 9900, 9500, 2002, and 1200**

**9000788**

**5-52**

**Code 39 Disabled**  
61470C



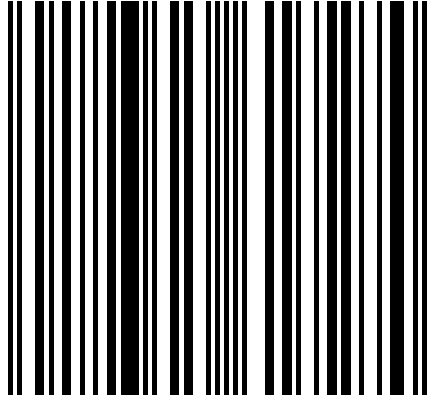
**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**90000788**

**5-53**

**Code 39 Check Digit Enabled**

61727C



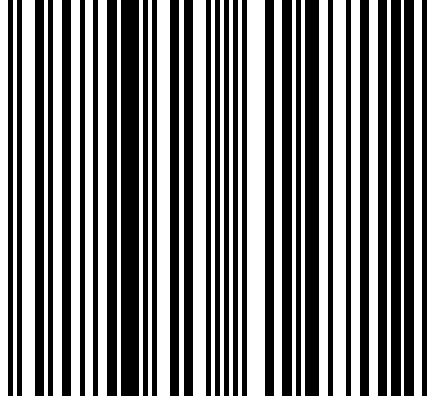
**Models 9950, 9900, and 2002,  
When Enabled Only Code 39 Barcodes With Check Digit  
Will Be Decoded**

**90000788**

**5-54**

**Code 39 Check Digit Disabled**

61471C

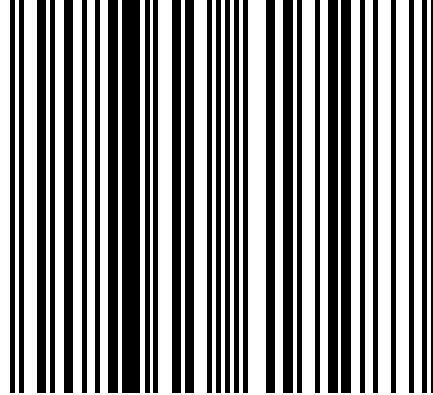


**Models 9950, 9900, and 2002, (Default)  
Decodes Code 39 Barcodes With Or Without Check Digit**

90000788

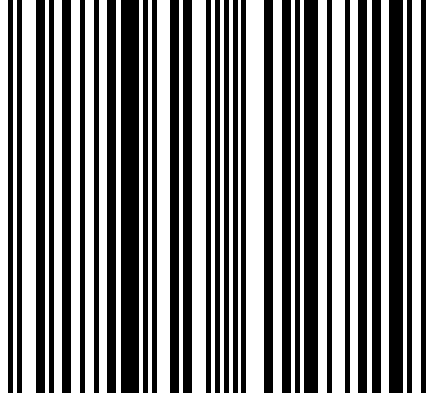
5-55

**Code 39 Normal Mode Enabled**  
61728C



**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**Code 39 ASCII Mode**  
61472C



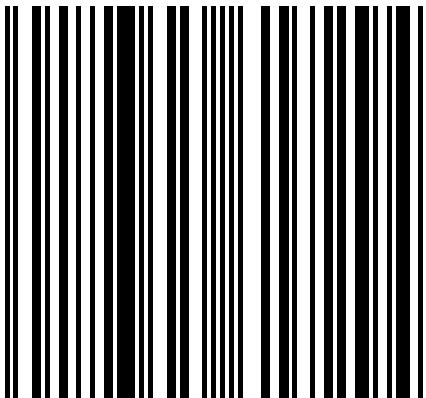
**Models 9950, 9900, 9500, 2002, and 1200**

**9000788**

**5-57**

**Code 39 Start, Stop Code Enabled**

61729C



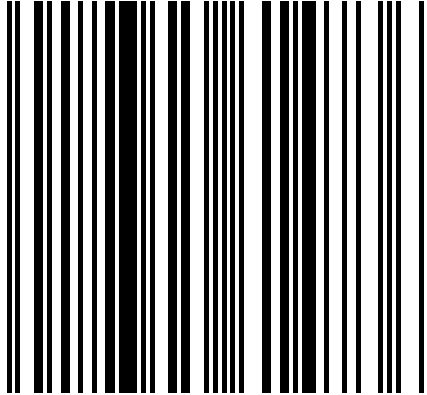
**Models 9950, 9900, 9500, 2002, and 1200**

**9000788**

**5-58**

**Code 39 Start, Stop Code Disabled**

61473C

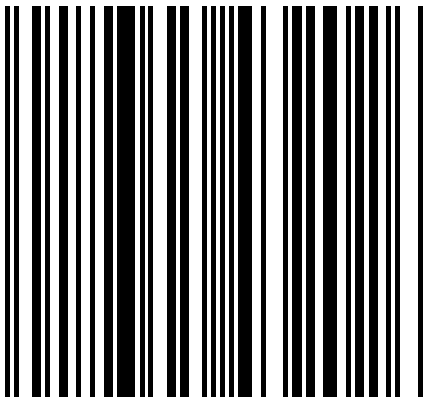


**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**90000788**

**5-59**

**Code 39 Character Number,  
1, 2, Or 3  
43202C**

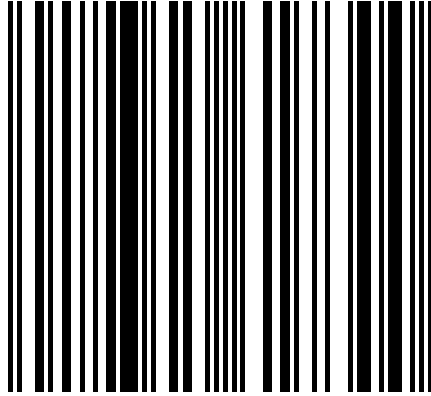


Models 9950, 9900, 9500, 2002, and 1200

90000788

5-60

**Codabar Enabled**  
61730C

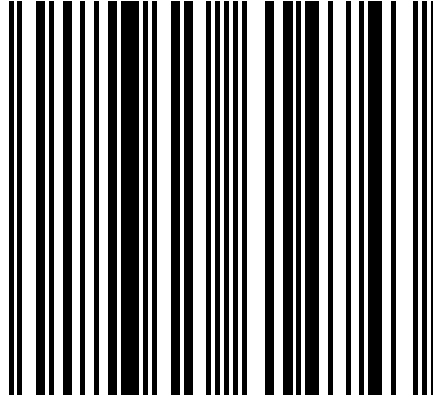


**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**5-61**

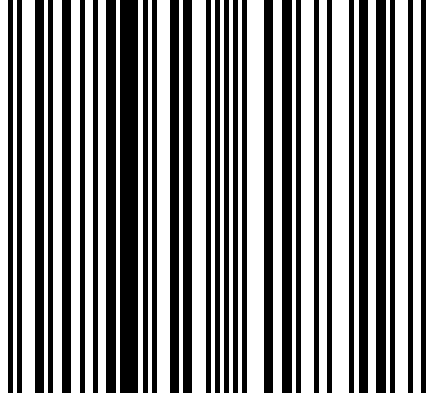
**Codabar Disabled**  
61474C



**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**Codabar Check Digit Enabled**

61731C



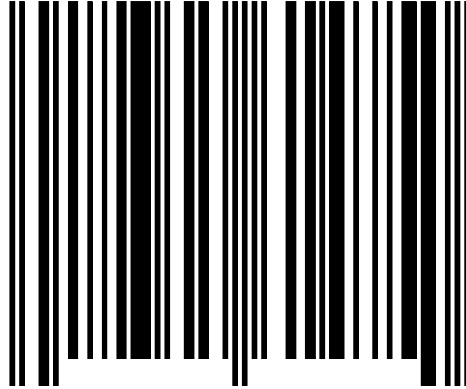
**Models 9950, 9900, 9500, 2002, and 1200**

**90000788**

**5-63**

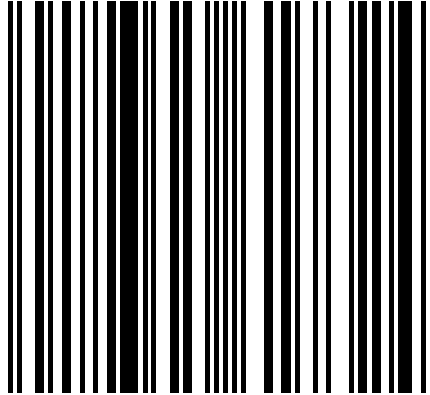
**Codabar Check Digit Disabled**

61475C



Models 9950, 9900, 9500, 2002, and 1200 (Default)

**Codabar Start, Stop Code Enabled**  
61732C

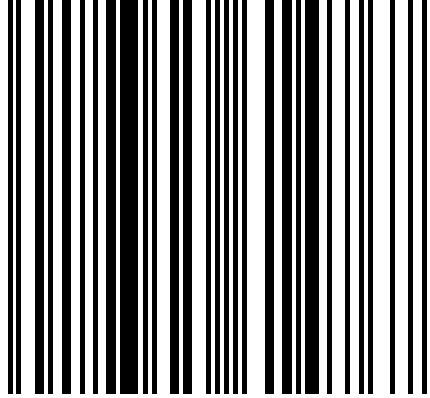


**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**90000788**

**5-65**

**Codabar Start, Stop Code Disabled**  
61476C

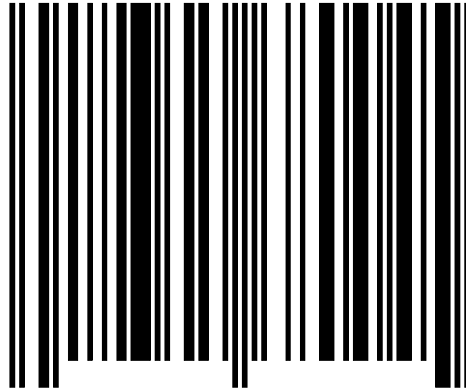


Models 9950, 9900, 9500, 2002, and 1200

9000788

5-66

**Codabar Start Stop Code  
Enabled (Lower Case)  
68004C**

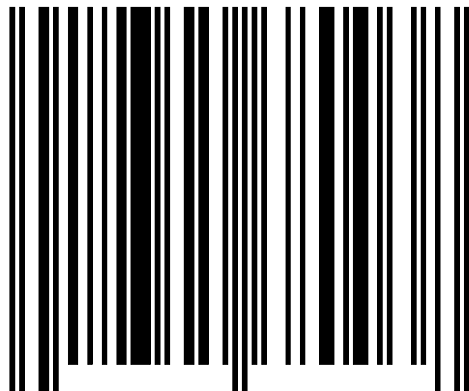


Models 9950, 9900 and 2002

9000788

5-67

**Codabar Start Stop Code  
Enabled (Upper Case)  
68003C**



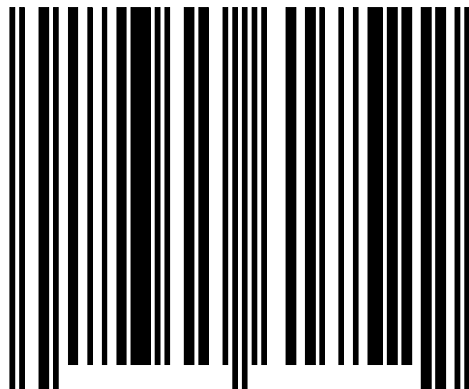
Models 9950, 9900, and 2002 (Default)

90000788

5-68

**Codabar Enable Check Digit**

61752C



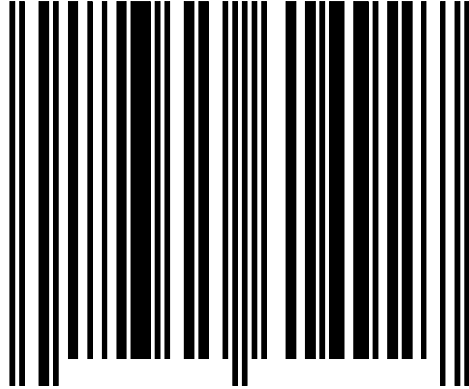
**Models 9950, 9900, and 2002 (Default)**

9000788

5-69

**Codabar Disable Check Digit**

61492C

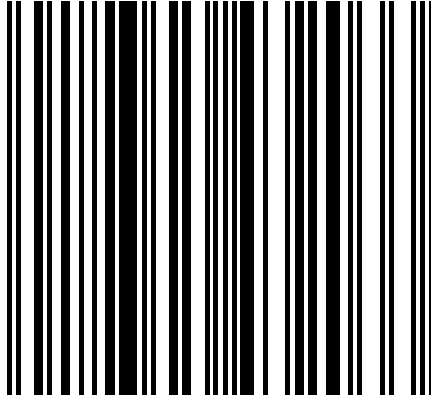


Models 9950, 9900, and 2002

90000788

5-70

**Codabar Character  
Number Is 1, 2, Or 3  
43203C**



Models 9950, 9900, 9500, 2002, and, 1200

90000788

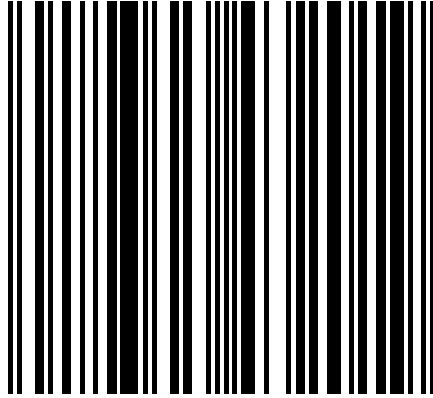
5-71

## Programming Procedure for Interleaved 2 of 5

Use the following steps to program for Interleaved 2 of 5 Barcodes.

1. Enter the Programming Mode.
2. Scan Enable Interleaved 2 of 5 Character Number +1 or 2. (Programming Barcode 43201C)
3. Scan The Interleaved Barcode (This Sets The Barcode length To be Decoded) (Maximum Of Two Lengths)
4. Scan Enable Interleaved 2 of 5. (Programming Barcode 61733C)
5. Scan Save Settings for: Interleaved 2 of 5, Code 39, and ID Code Presetting. (Programming Barcode 43910C)
6. Exit Save and Reset.

**Interleaved 2 Of 5**  
**Character Number = 1 Or 2 Enabled**  
43201C



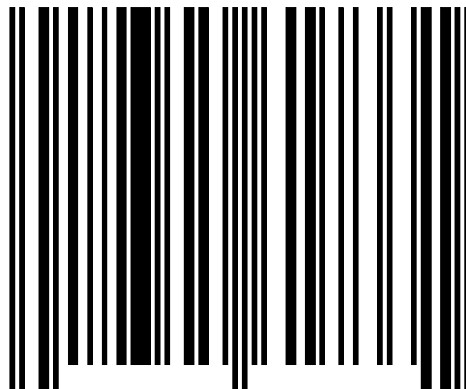
Models 9950, 9900, 9500, 2002, and 1200  
(default is 0 characters)

9000788

5-73

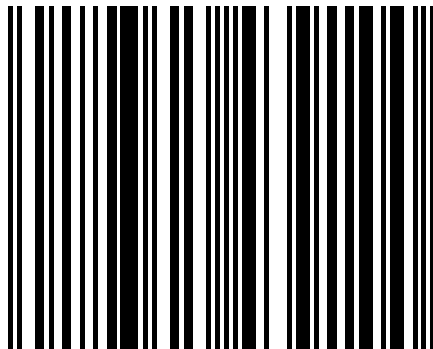
**Enable Interleaved 2 Of 5**

61733C



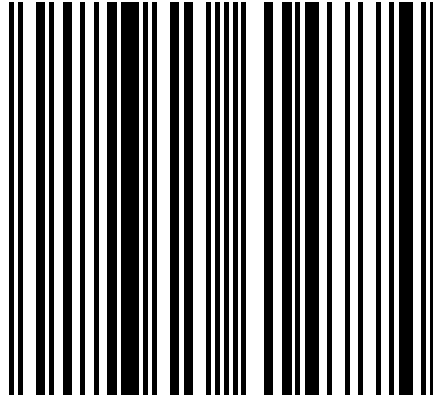
Models 9950, 9900, 9500, 2002, and 1200

**Save Settings For:  
Interleaved 2 Of 5, Code 39,  
And ID Presetting  
43910C**



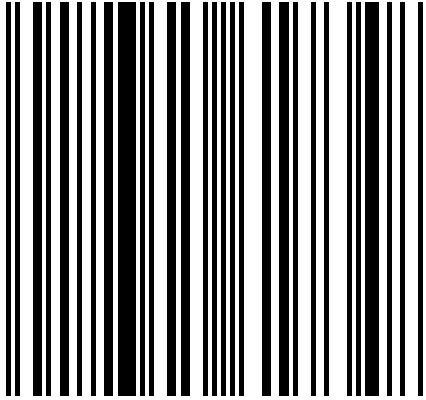
**Models 9950, 9900, 9500, 2002, and 1200**

**Interleaved 2 Of 5 Disabled**  
61477C



**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

**Interleaved 2 Of 5**  
**Check Digit Enabled**  
61734C

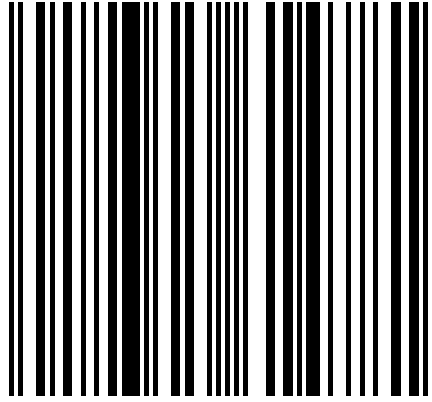


**Models 9950, 9900, 9500, 2002, and 1200**  
**Decodes Only ITF Barcodes With Check Digit**

**90000788**

**5-77**

**Interleaved 2 Of 5 Check Digit  
Disabled  
61478C**

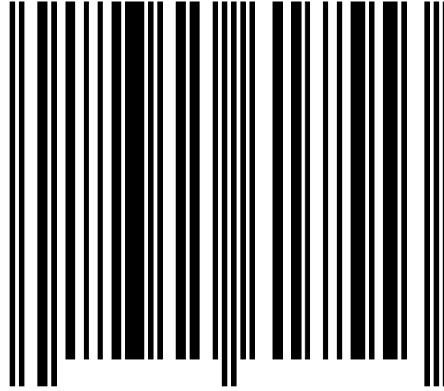


**Models 9950, 9900, 9500, 2002, and 1200 (Default)  
Decodes ITF Barcodes With Or Without Check Digit**

**9000788**

**5-78**

**Interleaved 2 Of 5 Skip  
Characters 1 & 2  
61755C**

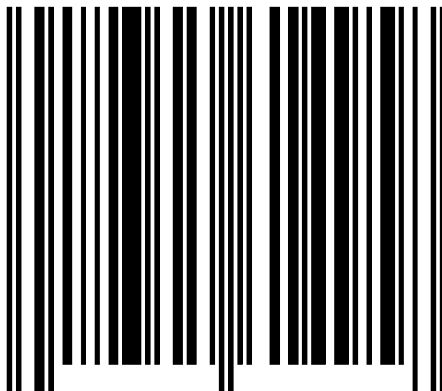


**Model 1200 Only**

**90000788**

**5-79**

**Interleaved 2 Of 5 Do Not Skip  
Characters 1 & 2  
61495C**



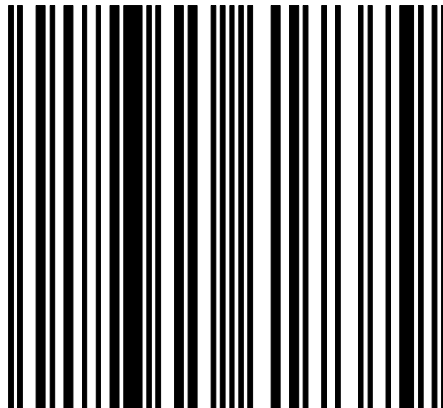
**Model 1200 Only**

**90000788**

**5-80**

**Code 128/39/ITF ID Code Enabled**

61737C



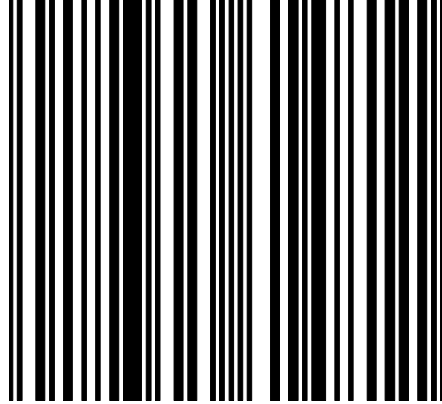
**Models 9950, 9900, 9500, 2002, and 1200 (Default)**

90000788

5-81

**Code 128/39/ITF ID Code Disabled**

61481C

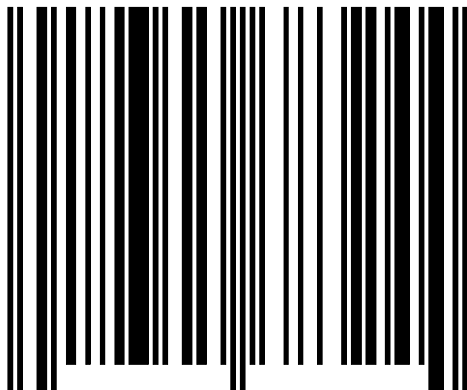


**Models 9950, 9900, 9500, 2002, and 1200**

9000788

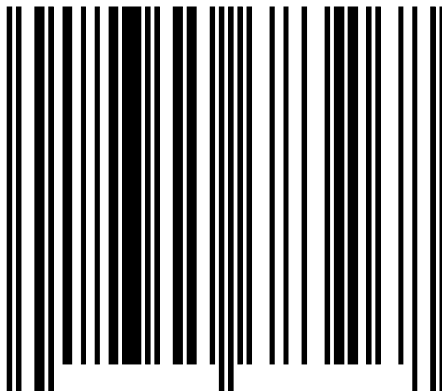
5-82

**Enable System #5 UPC A  
Coupon Code  
68324C**



**Model 9950 and 9900 Only (Default)**

**Enable UPCA Coupon With  
UCC/EAN128 Add On  
68326C**

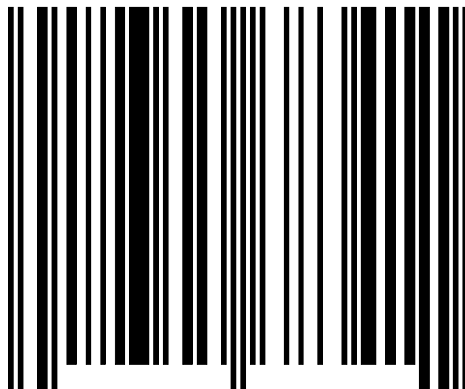


**Model 9950 and 9900 Only**

**90000788**

**5-84**

**Enable System #5 UPCA &  
UPCA +Code128 Coupons  
68341C**

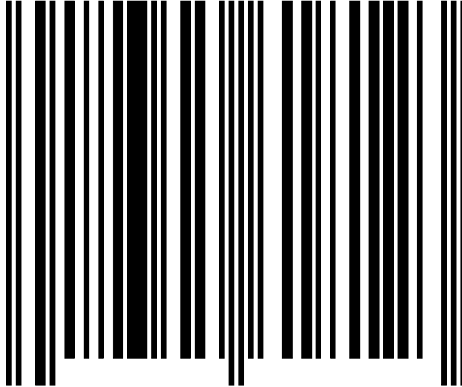


**Model 9950 (Default)**

**90000788**

**5-85**

**System # 5 UPCA and EAN13 Flag  
Code 99 Data Sent To Host, No Add  
On Data Is Sent  
61812C**

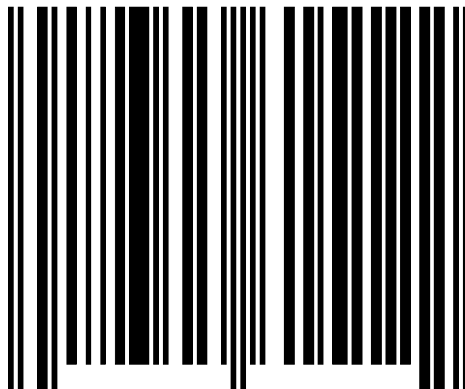


Model 9950

9000788

5-86

**System #5 UPCA/EAN13 Coupon  
Plus Code 128 Extention  
Data Sent To Host  
61512C**

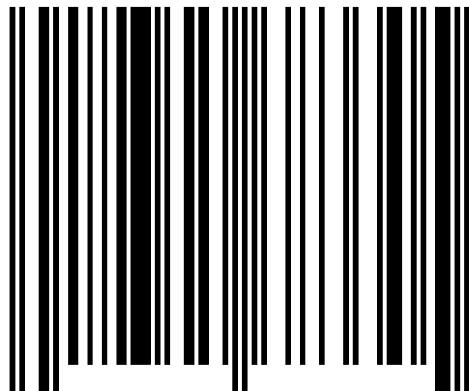


Model 9950

90000788

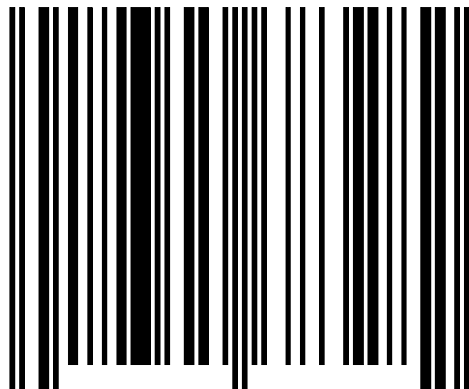
5-87

**Enable EAN13 Flag Code 99  
Coupon with EAN 128 Add On  
68330C**



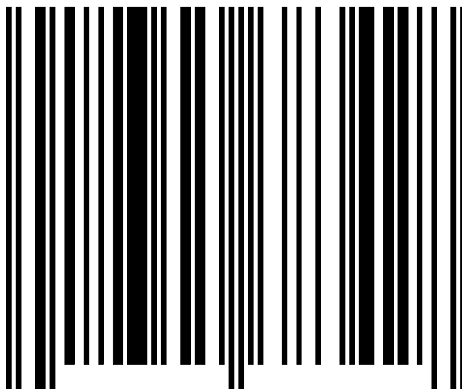
**Model 9950 and 9900**

**Enable EAN13 Flag Code 99 Coupon**  
68328C



Model 9950 and 9900 (Default)

**Enable EAN13 With Or Without  
Code128 Add On Coupon  
68342C**



Model 9950 (Default)

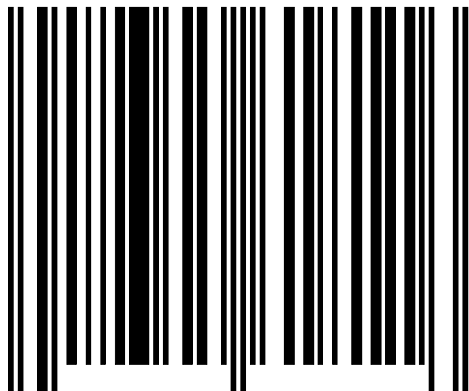
90000788

5-90

**Validation Of Vendor Coupon Date**

**Enable**

61811C



**Model 9950**

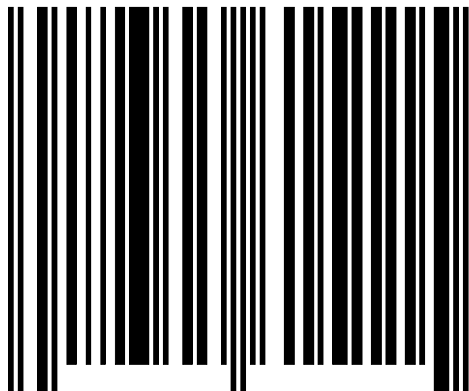
**90000788**

**5-91**

**Validation Of Vendor Coupon Date**

**Disable**

61511C

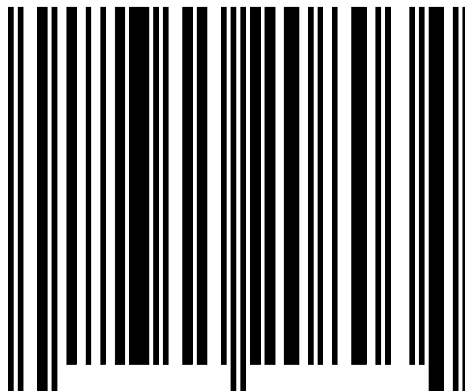


Model 9950

90000788

5-92

**For Expired Date: Issue Alert  
And Do Not Send Data To Host  
20803C**

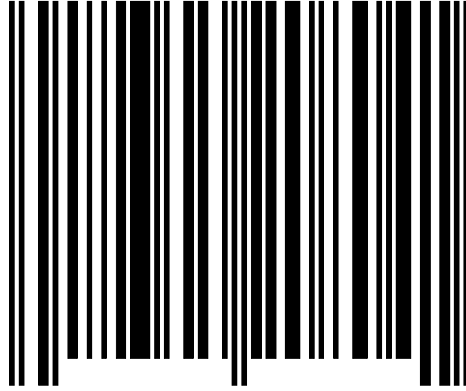


**Model 9950**

**9000788**

**5-93**

**For Expired Date: Issue Alert And  
Send Data To To Host  
20804C**

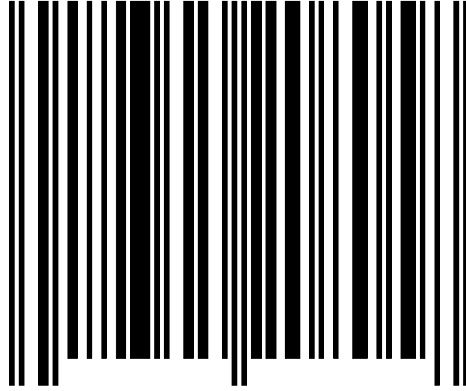


**Model 9950**

**90000788**

**5-94**

**For Expired Date: Send Data To  
Host And Do Not Issue Alert  
20805C**

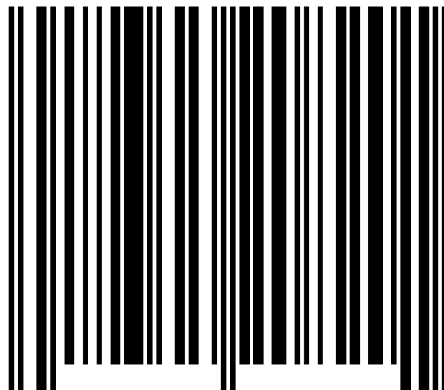


**Model 9950**

**90000788**

**5-95**

**Expired Coupon Grace  
Period Zero Days**  
20820C

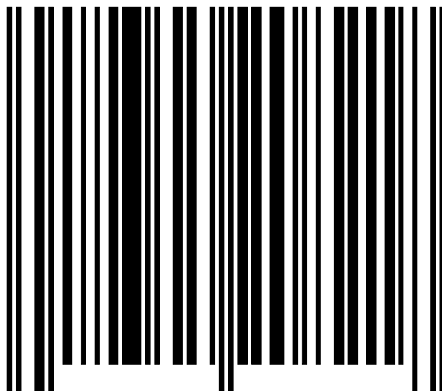


**Model 9950 (Default)**

**90000788**

**5-96**

**Expired Coupon Grace  
Period 7 Days  
20821C**

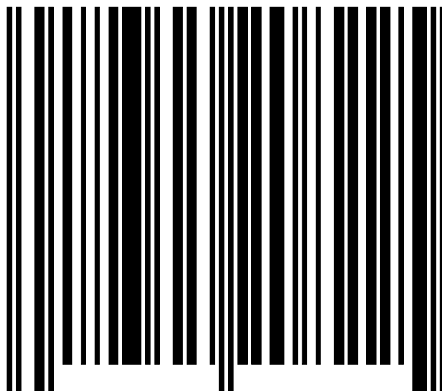


**Model 9950**

**90000788**

**5-97**

**Expired Coupon Grace  
Period 14 Days  
20822C**

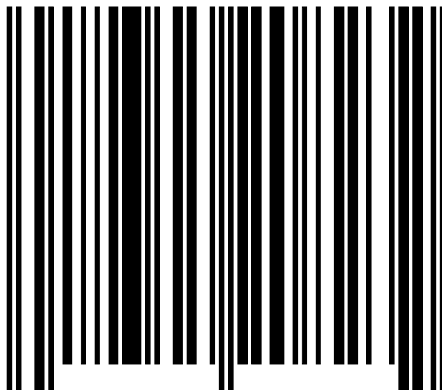


**Model 9950**

**90000788**

**5-98**

**Expired Coupon Grace  
Period 1 Month  
20823C**



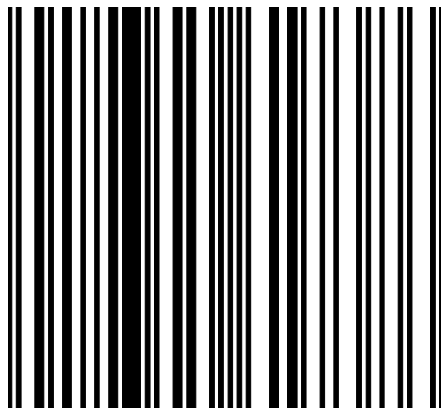
**Model 9950**

**90000788**

**5-99**

**Code 39, 128, ITF & Codabar Length  
Identifier Enabled**

61738C



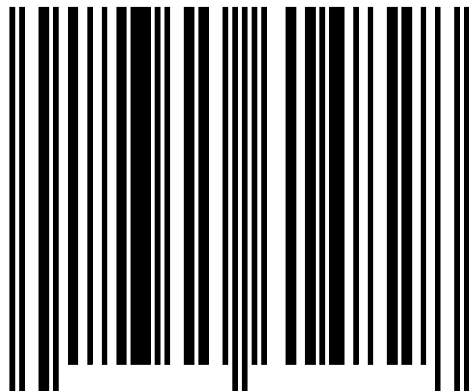
**Models 9950, 9900, 2002, and 1200 Only  
(Code length is first 2 digits following ID code)**

**90000788**

**5-100**

**Code 39, 128, ITF & Codabar Length  
Identifier Disabled**

61482C



Models 9950, 9900, 2002, and 1200 (Default)

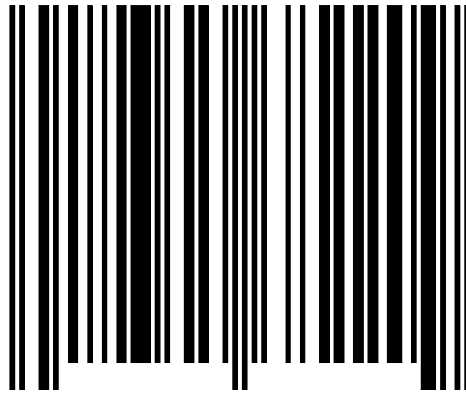
90000788

5-101

**Section 6**

Scale Programming Control

**Enter Calibration Mode**  
68220C

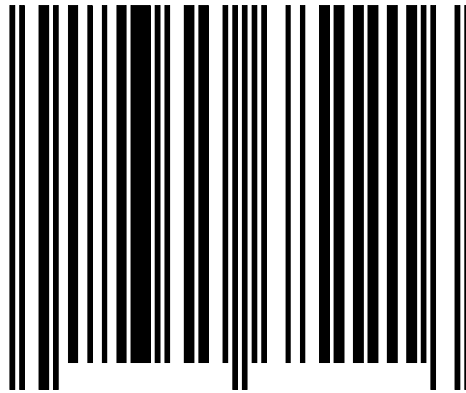


**Model 9950 and 9900**

**90000788**

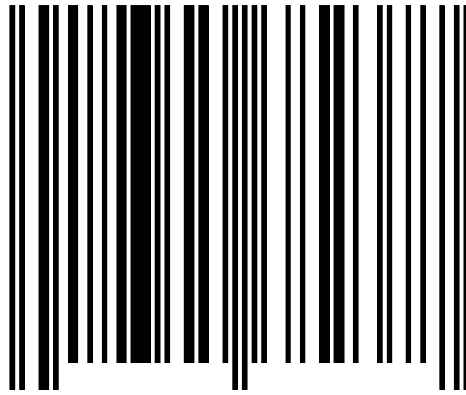
**6-2**

**Enter Setup Mode**  
68221C



**Model 9500 and 9900**

**Complete**  
68237C

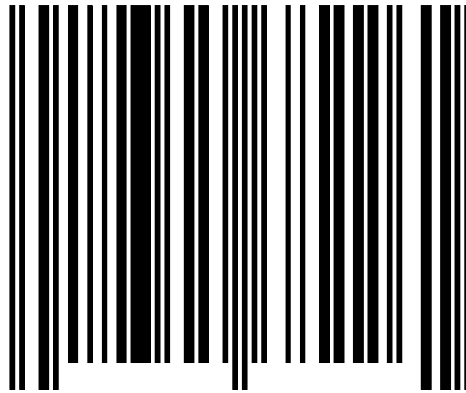


**Model 9950 and 9900**

**90000788**

**6-4**

**Zero Cursor Off**  
68226C

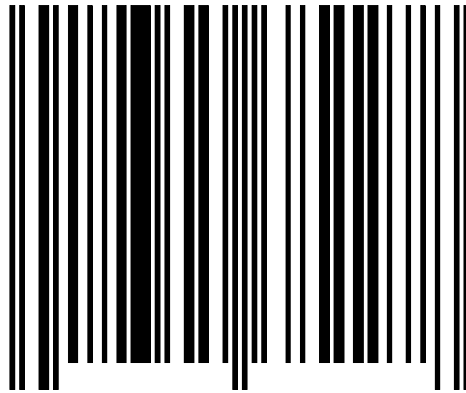


**Model 9950 and 9900**

**90000788**

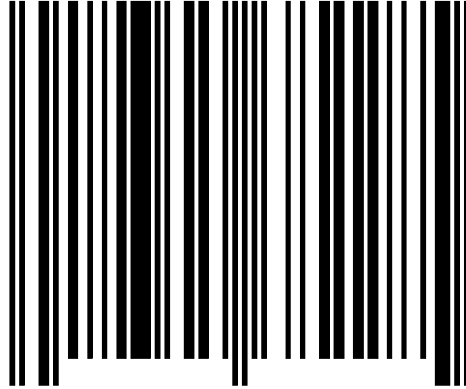
**6-5**

**Zero Cursor On**  
68227C



**Model 9950 and 9900 (Default)**

**Kilograms Setup  
(Capacity 15x0.005kg)  
68228C**

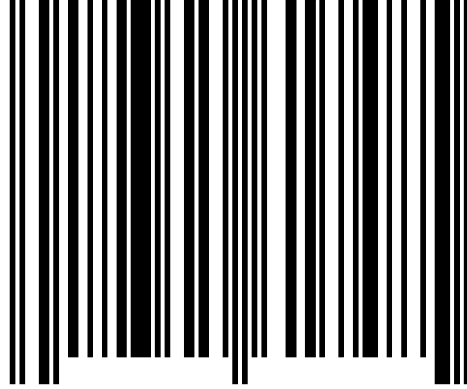


Model 9950 and 9900

90000788

6-7

**10kg Mode NCR Emulation  
Single Cable Configuration (ISS45)  
61748C**

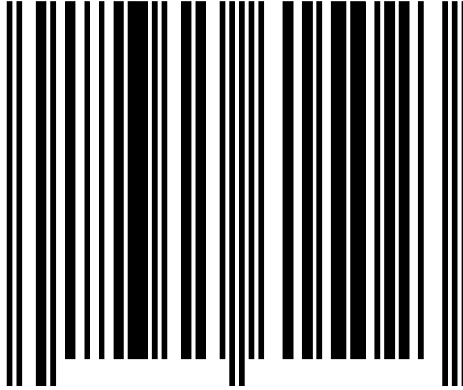


**Models 9950 and 9900 (Default)**

**9000788**

**6-8**

**15kg Mode**  
**Single Cable Configuration (ISS45)**  
61502C

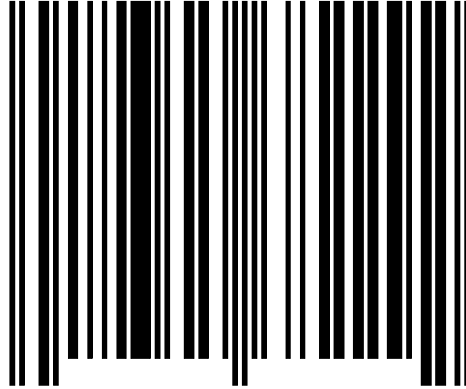


Models 9950 and 9900

9000788

6-9

**Pounds Setup**  
**(Capacity 30x0.0lb)**  
68229C

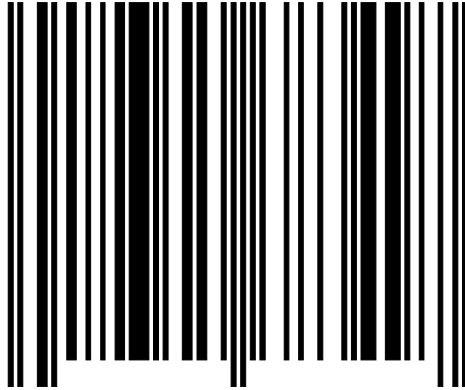


Model 9950 and 9900 (Default)

9000788

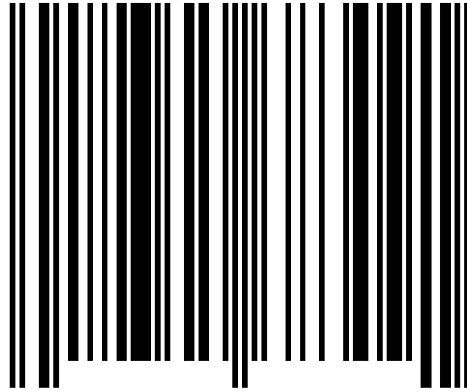
6-10

**CAS PD-1, NCI Scale Emulation**  
68349C



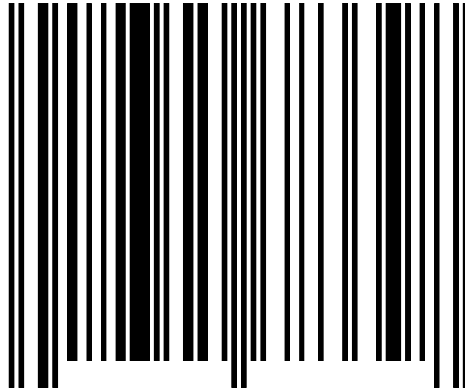
**Model 9950 and 9900**  
**Request For Weight Command From Host (W) or (W CR)**

**Mettler Toledo Emulation**  
68309C



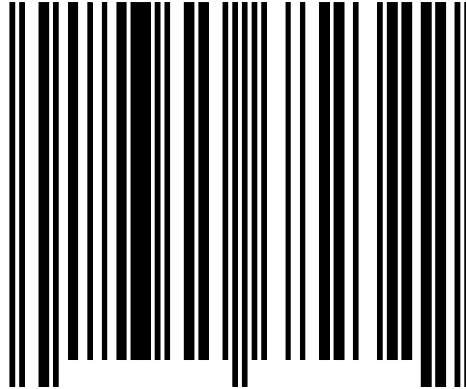
**Model 9950 and 9900**  
**Request For Weight Command From Host (W) or (W CR)**

**MT Mod 1 Emulation**  
68339C



**Model 9950 and 9900**  
**Request For Weight Command From Host (W) or (W CR)**

**Expanded Mode**  
68232C

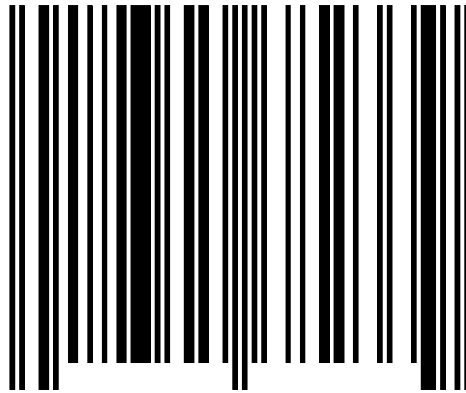


**Model 9950 and 9900**

**9000788**

**6-14**

**Normal Mode**  
68233C

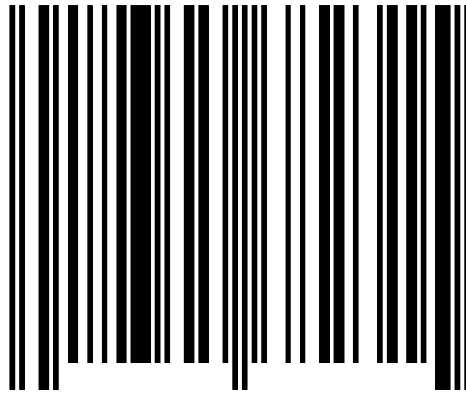


**Model 9950 and 9900 (Default)**

**90000788**

**6-15**

**Weight Classifier**  
68231C

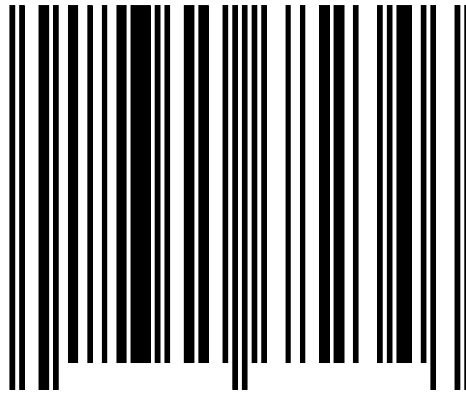


**Model 9950 and 9900**

**90000788**

**6-16**

**Filter Lite**  
68234C

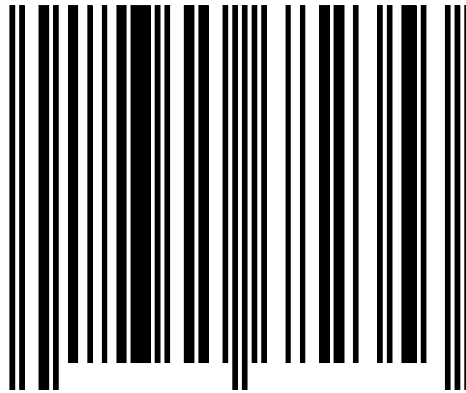


**Model 9950 and 9900 (Default)**

**90000788**

**6-17**

**Filter Medium**  
68235C

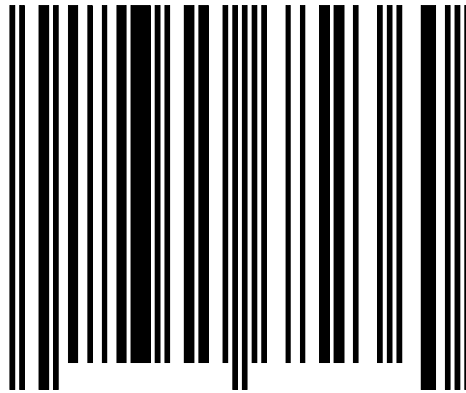


**Model 9950 and 9900**

**90000788**

**6-18**

**Filter Heavy**  
68236C

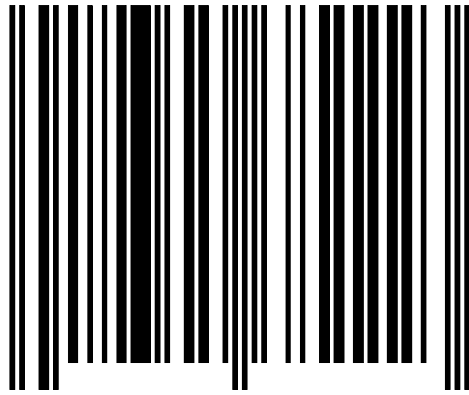


**Model 9950 and 9900**

**90000788**

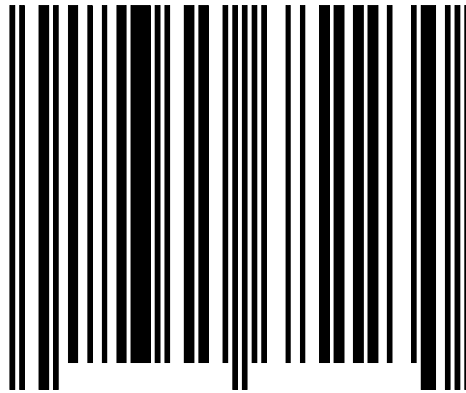
**6-19**

**Non Zero Timeout Disabled**  
68222C



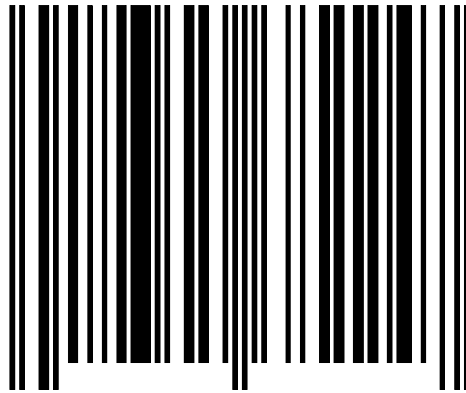
**Model 9950 and 9900 (Default)**

**Non Zero Timeout 30 Seconds**  
68223C



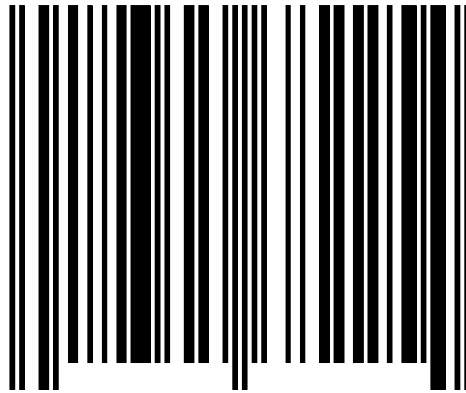
**Model 9950 and 9900**

**Non Zero Timeout 90 Seconds**  
68224C



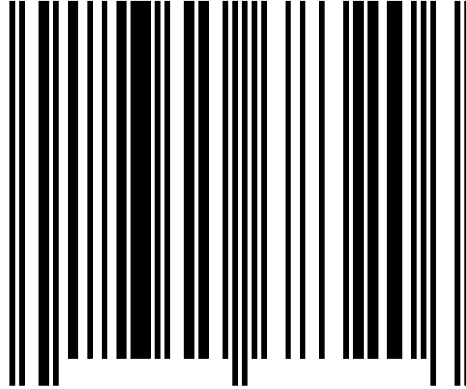
**Model 9950 and 9900**

**Non Zero Timeout 300 Seconds**  
68225C



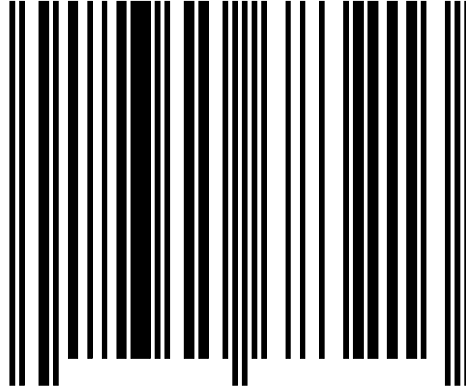
**Model 9950 and 9900**

**Weight Data Received Good Beep  
Enabled  
68320C**



Model 9950 and 9900

**Weight Data Received Good Beep  
Disabled  
68321C**

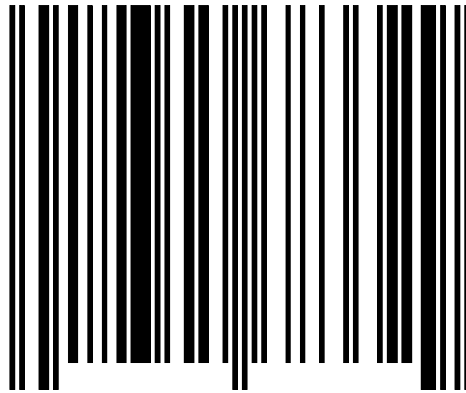


**Model 9950 and 9900 (Disabled)**

**90000788**

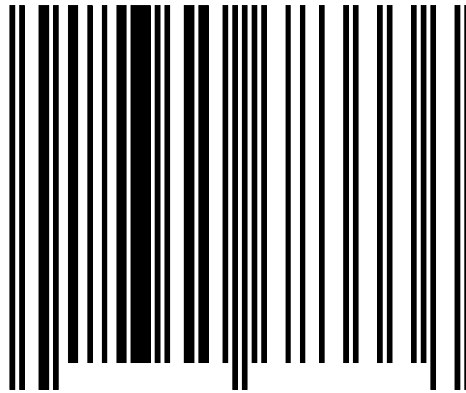
**6-25**

**Remote Scale Display Enabled**  
68332C



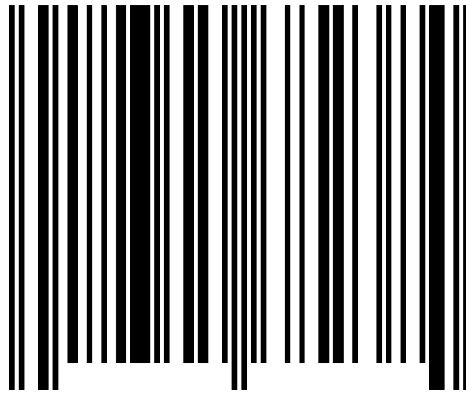
**Model 9950 and 9900 (Default)**

**Remote Scale Display Disabled**  
68333C



**Model 9950 and 9900**

**Restore All Scale Defaults**  
68238C



**Model 9950**

**9000788**

**6-28**

## Section 7

### Real Time Clock Settings

90000788

7-1

**Display Time On Remote Display**

70006C

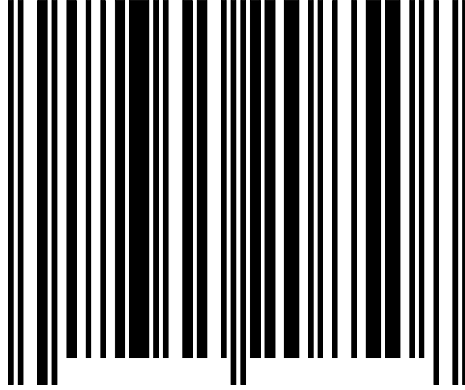


Model 9950

90000788

7-2

Increase Year  
20850C

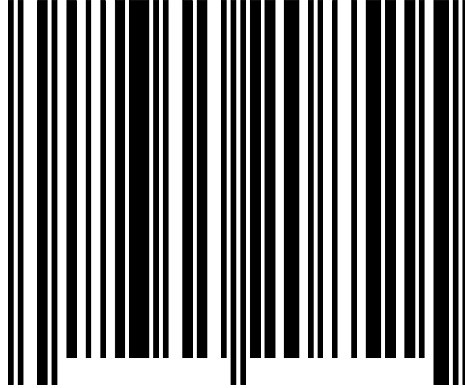


Model 9950

90000788

7-3

**Decrease Year**  
20851C

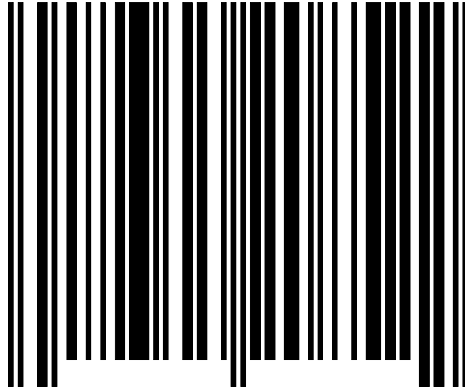


Model 9950

90000788

7-4

**Increase Month**  
20852C



**Model 9950**

**90000788**

**7-5**

**Decrease Month**  
20853C

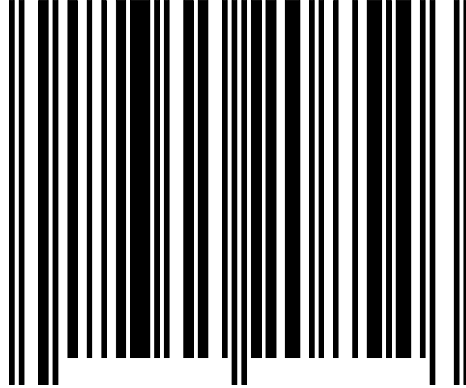


Model 9950

9000788

7-6

**Increase Day**  
20854C

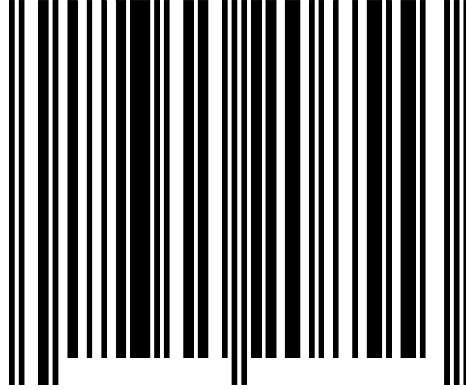


Model 9950

90000788

7-7

**Decrease Day**  
20855C

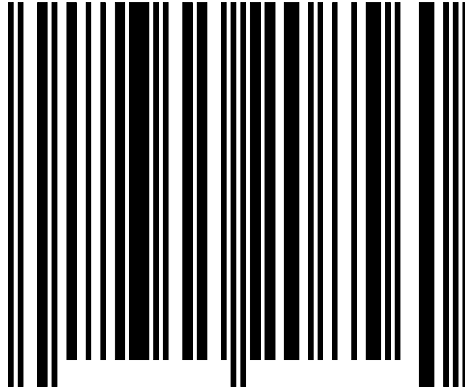


**Model 9950**

**9000788**

**7-8**

Increase Hour  
20856C

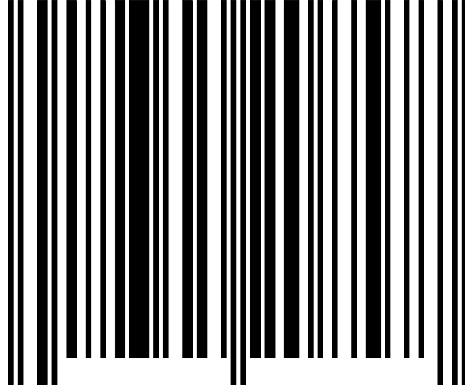


Model 9950

90000788

7-9

**Decrease Hour**  
20857C



**Model 9950**

**90000788**

**7-10**

**Increase Minute**  
20858C

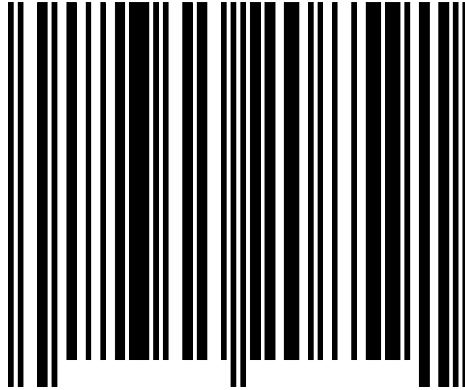


Model 9950

90000788

7-11

**Decrease Minute**  
20859C



Model 9950

90000788

7-12

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