



SmartScan®



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Chapter 1 Description

1.1 Notice

The manufacturer shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages in connection with the furnishing, performance, or use of this publication.

FCC Approval



This device had been test in accordance with the procedures given in ANSI C63.4 (1992) and confirmed to complies with the limits for a CLASS B digital pursuant to part 15 of the FCC Rules.

CE Standards



The CE mark as shown here indicates this product had been tested in accordance with the procedures given in European Council Directive 89/336/EEC and confirmed to comply with the European Standard EN55022:1994/ A1: 1995 Class B, EN 55024/1998.

1.2 Introduction

The Decoder is an advanced and versatile decoding facility for barcoding systems. It works with variety of bar code types, reading devices, and computer interfaces. It discriminates about twenty different symbologies automatically.

This menu provide an easy way to config the decoding options and interface selections by scanning bar codes listed in the menu.

1.3 Codes Read

Codes Read
ALL UPC/EAN/JAN , Code 39, Code 39 Full ASCII,
Code 128, Interleave 25, Industrial 25, Matrix 25,
CODABAR/NW7, Code 11, MSI/PLESSEY, Code
93, China Postage, Code32/Italian Pharmacy
Others available upon request.

1.4 Installation

Unpacking –

Remove the scanner from its packing and check it for damage. If the scanner was defected in transit, please contact your vendor immediately. Be sure that you keep the packing with all accessories contains in the package for your returning of service.

Connecting the scanner –

Keyboard wedge/RS-232C/USB:
Connect the 10-pins RS-45 male connector into the bottom of the scanner and you will hear a “click” when the connection is made.

Power supply for RS-232C scanner–

There are 3 ways to supplying the power, use external +5V power supply, use optional power cable (KBDC) which taking the power from KB wedge or if the host supports +5V power from pin 9.

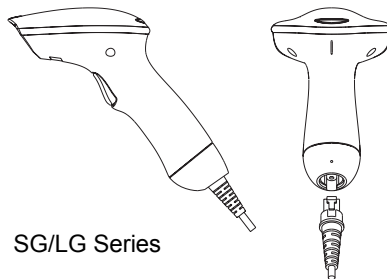
Installing the scanner to the Host System –

1. Turn off the host system.
2. Connect the power if needed.
3. Connect to the proper port on the host system.
4. Turn on the host system.

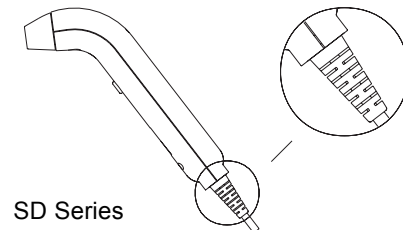
Switching cable –

Before removing the cable from the scanner, it is recommended that the power on the host system is off and the power supply has been disconnected from unit.

1. Find the small “Pin-hole” on the bottom of the unit.
2. Use a bended regular paperclip and insert the tip into the hole.
3. You will head a “click”, then gentle on the strain-relief of the cable and it will slide out of the scanner.



SG/LG Series



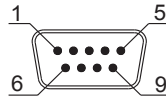
SD Series

1.5 Pin Assignment

A> Input Port for Mini Decoder

DB 9 Male

Pin No.	Wand / Slot Reader	CCD / Laser Scanner
1	N.C.	S.O.S.
2	DATA	DATA
3	N.C.	N.C.
4	N.C.	N.C.
5	N.C.	TRIGGER
6	N.C.	P. E.
7	GND	GND
8	SHIELD	SHIELD
9	+5V	+5V

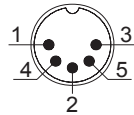


B> Output Port

1. PC Keyboard Output

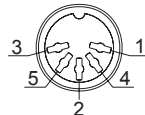
DIN 5 MALE

Pin No.	Function
1	HOST CLK
2	HOST DATA
4	GND
5	Vcc(+5V)



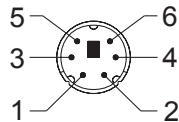
DIN 5 FEMALE

Pin No.	Function
1	KB CLK
2	KB DATA
4	GND
5	Vcc(+5V)



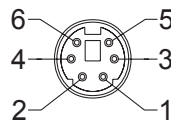
MiniDIN 6 MALE

Pin No.	Function
1	HOST DATA
3	GND
4	Vcc
5	HOST CLK



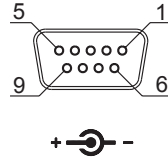
MiniDIN 6 FEMALE

Pin No.	Function
1	KB DATA
3	GND
4	Vcc
5	KB CLK



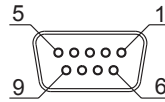
**2. RS-232 Output
DB 9 Female**

Pin No.	Function
2	TXD
3	RXD
5	GND
7	CTS
8	RTS
Power Lead	Vcc (+5V)



**3. WAND Emulation Output
DB 9 Female**

Pin No.	Function
2	DATA
7	GND
9	Vcc (+5V)



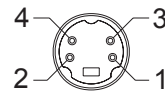
**4. ADB Interface
MiniDIN 4 MALE**

Pin No.	Function
1	ADB
3	Vcc
4	GND



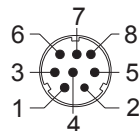
MiniDIN 4 FEMALE

Pin No.	Function
1	ADB
3	Vcc
4	GND



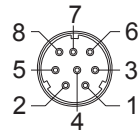
**5. NEC 9801 Interface
MiniDIN 8 MALE**

Pin No.	Function
1	RST
2	GND
3	HOST RDY
4	HOST DATA
5	RTY
8	+5V



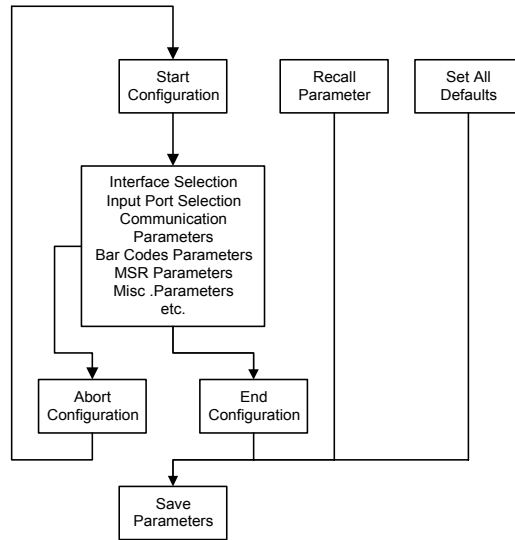
MiniDIN 8 FEMALE

Pin No.	Function
1	RST
2	GND
3	KB RDY
4	KB DATA
5	RTY
8	+5V



Chapter 2 Configuration - General

2.1 Flow Chart



2.2 Loop of Programming

The philosophy of programming parameters has been shown on the flow chart of 2.1. Basically user should

1. Scan Start of Configuration.
2. Scan all necessary labels for parameters that meet applications.
3. Scan End of Configuration to end the programming.
4. To permanently save the settings you programmed, just scan label for Save Parameters.
5. To go back to the Default Settings, just scan label for Set All Defaults.

2.3 Factory Default Settings

The factory default settings are shown with < > and bold in the following sections. You can make your own settings by following the procedures in this manual. If you want to save the settings permanently, you should scan the label of "Save Parameters" in chapter 2.4, otherwise the settings will not be saved after the decoder power is off, and all settings will go back to previous settings.

By scanning "Set All Default" label, the settings will go back to the factory default settings.

2.4 Main Page of Configuration

Save Parameters



Recall Stored Parameters



Set All Defaults



Start Configuration



End Configuration



Abort Configuration



Version Information



Save Parameters -

The parameter settings will be saved permanently.

Recall Stored Parameters -

Replace the current parameters by the parameters you saved last time.

Set All Defaults -

Set all the parameters to the factory default settings.

Abort Configuration -

Terminate current programming status.

Version Information -

Display the decoder version information and date code.

Chapter 3 Interface and Reading Mode Selection

3.1 Interface Selection

<Keyboard Mode>



%0U0

RS232 Mode



%0U8

WAND Emulation



%0M2

OCIA Mode



%0M4

USB Mode



%X08

3.2 Memory Function

<Enable>



%X12

Disable



%X10

3.3 Reading Mode Selection

<Good Read OFF>



%0271

Trigger ON/OFF



%0270

Continuous/Trigger OFF



%0272

Testing



%0275

Continuous/Auto Power On



%0273

Flash



%0274

Flash/Auto Power On



%0276

Reserved1



%0277

Reserved2



%09F8

Reserved3



%09F9

Reserved4



%09FA

Reserved5



%09FB

Ch.4 Communication Parameters

4.1 RS232 Mode Parameters

A> Set Up BAUD Rate

600



1200



2400



4800



<9600>



19200



38400



B> Set Up Data Bits

7 Data Bits



<8 Data Bits>



C> Set Up Stop Bits

<1 Bit>



2 Bits



D> Set Up Parity

<None>



Even



Odd



Mark



Space



E> Handshaking

RTS/CTS Enable



<RTS/CTS Disable>



ACK/NAK Enable



<ACK/NAK Disable>



XON/XOFF Enable



<XON/XOFF Disable>



4.2 Keyboard Wedge Mode Parameters

A> Terminal Type

<IBM PC/AT, PS/2>



IBM PC/XT



IBM PS/2 25, 30



NEC 9800



Apple Desktop Bus(ADB)



IBM 5550



IBM 122 Key (1)



IBM 102 Key



IBM 122 Key (2)



Reserved 1



Reserved 2



Reserved 3



Reserved 4



Reserved 5



B> Upper/Lower Case

<No Change>



%0330

Upper Case



%0331

Lower Case



%0332

C> Send Character by ALT Method

Enable



%0308

<Disable>



%0300

D> Select Numerical Pad

ON



%01K4

<OFF>



%01K0

4.3 Output Characters Parameters

A> Select Terminator

<CR+LF>



None



CR



LF



Space



HT(TAB)



STX-ETX



B> Time-out Between Characters

<0 ms>



5 ms



10 ms



25 ms



50 ms



100 ms



200 ms



300 ms



4.4 Wand Emulation Mode Parameters

A> TTL Level Representation

<Bar Equals High>



%02K4

Bar Equals Low



%02K0

B> Scan Speed Selection

<Fast>



%0288

Slow



%0280

C> Output Format Selection

<Output as Code 39>



%0208

Output as Code 39
Full ASCII



%0200

Output as Original
Code Format



%0XK4

4.5 OCIA Mode Parameters

<NCR 8 Bit Format>



%02J0

NCR 9 Bit Format



%02J1

Spectra-Physics



%02J2

Nixdorf



%02J3

Ch.5 Bar Codes & Others

5.1 Symbologies Selection

UPC-A <ON>



OFF



UPC-E <ON>



OFF



EAN-13/JAN-13 <ON>



OFF



EAN-8/JAN-8 <ON>



OFF



CODE 39 <ON>



OFF



CODE 128 <ON>



OFF



CODABAR/NW7 <ON>



OFF



Interleave 25 <ON>



OFF



Industrial 25 ON



<OFF>



Matrix 25 ON



<OFF>



CODE 93 ON



<OFF>



CODE 11 ON



<OFF>



China Postage ON



<OFF>



MSI/PLESSEY ON



<OFF>



BC412 ON



<OFF>



Code 2 of 6 ON



<OFF>



Telepen ON



<OFF>



Reserved4 ON



<OFF>



Reserved5 ON



<OFF>



Reserved6 ON



<OFF>



Select All Bar Codes



5.2 UPC/EAN/JAN Parameters

A> Reading Type

UPCA=EAN13 ON



UPCA=EAN13<OFF>



ISBN Enable



ISBN <Disable>



ISSN Enable



ISSN <Disable>



Decode with Supplement



<Autodiscriminate Supplement>



B> Supplementals Set Up

<Not Transmit>



Transmit 2 Code



Transmit 5 Code



Transmit 2&5 Code



C> Check Digit Transmission

UPC-A Check Digit
Transmission <ON>



OFF



UPC-E Check Digit
Transmission <ON>



OFF



EAN-8 Check Digit
Transmission <ON>



OFF



EAN-13 Check Digit
Transmission <ON>



OFF



ISSN Check Digit
Transmission <ON>



OFF



5.3 Code 39 Parameters

A> Type of Code

<Standard>



Full ASCII



Italian Pharmacy/Code 32

<OFF>



Italian Pharmacy/
Code 32 ON



B> Check Digit Transmission

<Do Not Calculate
Check Digit>



Calculate Check Digit
& Transmit



Calculate Check Digit
& Not Transmit



C> Output Start/Stop Character

Enable



<Disable>



D> Decode Asterisk

Enable



<Disable>



E> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
 2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
 3. Scan the "Complete" label of the desired set.
- Repeat the steps 1 - 3 to set additional lengths.

<Variable>



Fix Length (2 Sets Available)

1. 1st Set Begin



2. Decimal Value
(Appendix A)

3. 1st Set Complete



1. 2nd Set Begin



2. Decimal Value
(Appendix A)

3. 2nd Set Complete



Minimum Length

1. Begin



2. Decimal Value
(Appendix A)

3. Complete



5.4 Code 128 Parameters

A> Check Digit Transmission

Do Not Calculate
Check Digit



Calculate Check
Digit & Transmit



<Calculate Check Digit
& Not Transmit>



B> Append FNC2

ON



<OFF>



C> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



%4 F 1 +

Fix Length (2 Sets Available)

1. 1st Set Begin



%4 F 0 0

2. Decimal Value
(Appendix A)

3. 1st Set Complete



%4 F 0 1

1. 2nd Set Begin



%4 F 0 0

2. Decimal Value
(Appendix A)

3. 2nd Set Complete



%4 F 0 2

Minimum Length

1. Begin



%2 + - /

2. Decimal Value
(Appendix A)

3. Complete



%2 C 1 +

5.5 Interleave 25 Parameters

A> Check Digit Transmission

<Do Not Calculate
Check Digit>



%0 GN3

Calculate Check Digit
& Transmit



%0 GN7

Calculate Check Digit
& Not Transmit



%0 GN5

B> Set Up Number of Character

<Even>



%0 G88

Odd



%0 G80

C> Brazilian Banking Code

<Disable>



%0 G40

Enable



%0 G44

D> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



%4 G1 +

Fix Length (2 Sets Available)

1. 1st Set Begin
2. Decimal Value
(Appendix A)



%4 G0 0

3. 1st Set Complete



%4 G0 1

1. 2nd Set Begin
2. Decimal Value
(Appendix A)



%4 G0 0

3. 2nd Set Complete



%4 G0 2

Minimum Length

1. Begin
2. Decimal Value
(Appendix A)



%2 + - /

3. Complete



%2 C2 +

5.6 Industrial 25 Parameters

A> Check Digit Transmission

<Do Not Calculate
Check Digit>



%0HN3

Calculate Check Digit
& Transmit



%0HN7

Calculate Check Digit
& Not Transmit



%0HN5

B> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



%4 H1 +

Fix Length (2 Sets Available)

1. 1st Set Begin



%4 H0 0

2. Decimal Value
(Appendix A)

3. 1st Set Complete



%4 H0 1

1. 2nd Set Begin



%4 H0 0

2. Decimal Value
(Appendix A)

3. 2nd Set Complete



%4 H0 2

Minimum Length

1. Begin



%2 + - /

2. Decimal Value
(Appendix A)

3. Complete



%2 C3 +

5.7 Matrix 25 Parameters

A> Check Digit Transmission

<Do Not Calculate
Check Digit>



Calculate Check Digit
& Transmit



Calculate Check Digit
& Not Transmit



B> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



Fix Length (2 Sets Available)

1. 1st Set Begin



2. Decimal Value
(Appendix A)

3. 1st Set Complete



1. 2nd Set Begin



2. Decimal Value
(Appendix A)

3. 2nd Set Complete



Minimum Length

1. Begin



2. Decimal Value
(Appendix A)

3. Complete



5.8 CODABAR/NW7 Parameters

A> Set Up Start/Stop Characters Upon Transmission

ON



<OFF>



B> Transmission Type of Start/Stop

<A/B/C/D> <Start>



<A/B/C/D> <Stop>



A Start



A Stop



B Start



B Stop



C Start



C Stop



D Start



D Stop



C> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



Fix Length (2 Sets Available)

1. 1st Set Begin



2. Decimal Value
(Appendix A)

3. 1st Set Complete



1. 2nd Set Begin



2. Decimal Value
(Appendix A)

3. 2nd Set Complete



Minimum Length

1. Begin



2. Decimal Value
(Appendix A)

3. Complete



5.9 Code 93 Parameters

A> Check Digit Transmission

<Calculate Check 2 Digits
& Not Transmit>



Do Not Calculate
Check Digit



B> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



%4 K1 +

Fix Length (2 Sets Available)

1. 1st Set Begin



%4 K00

2. Decimal Value
(Appendix A)

3. 1st Set Complete



%4 K01

1. 2nd Set Begin



%4 K00

2. Decimal Value
(Appendix A)

3. 2nd Set Complete



%4 K02

Minimum Length

1. Begin



%2 +- /

2. Decimal Value
(Appendix A)

3. Complete



%2 C6 +

5.10 Code 11 Parameters

A> Check Digit Transmission

<Do Not Calculate
Check Digit>



Calculate Check 1
Digit & Transmit



Calculate Check 1 Digit
& Not Transmit



Calculate Check 2
Digits & Transmit



Calculate Check 2 Digits
& Not Transmit



B> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



%4L1+

Fix Length (2 Sets Available)

1. 1st Set Begin



%4L00

2. Decimal Value
(Appendix A)

3. 1st Set Complete



%4L01

1. 2nd Set Begin



%4L00

2. Decimal Value
(Appendix A)

3. 2nd Set Complete



%4L02

Minimum Length

1. Begin



%2+- /

2. Decimal Value
(Appendix A)

3. Complete



%2C7+

5.11 MSI/PLESSEY Code Parameters

A> Check Digit Transmission

<Do Not Calculate
Check Digit>



Calculate Check Digit
& Transmit



Calculate Check Digit
& Not Transmit



B> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



%4N1+

Fix Length (2 Sets Available)

1. 1st Set Begin



%4N00

2. Decimal Value
(Appendix A)

3. 1st Set Complete



%4N01

1. 2nd Set Begin



%4N00

2. Decimal Value
(Appendix A)

3. 2nd Set Complete



%4N02

Minimum Length

1. Begin



%2+- /

2. Decimal Value
(Appendix A)

3. Complete



%2C9+

5.12 BC 412 Code Parameters

A> Check Digit Transmission

Do Not Calculate
Check Digit



<Calculate Check
Digit & Transmit>



Calculate Check Digit
& Not Transmit



B> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



Fix Length (2 Sets Available)

1. 1st Set Begin



2. Decimal Value
(Appendix A)

3. 1st Set Complete



1. 2nd Set Begin



2. Decimal Value
(Appendix A)

3. 2nd Set Complete



Minimum Length

1. Begin



2. Decimal Value
(Appendix A)

3. Complete



5.13 Code 2 of 6 Parameters

A> Check Digit Transmission

Do Not Calculate
Check Digit



<Calculate Check
Digit & Transmit>



Calculate Check Digit
& Not Transmit



B> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



%4P1+

Fix Length (2 Sets Available)

1. 1st Set Begin



%4P00

2. Decimal Value
(Appendix A)

3. 1st Set Complete



%4P01

1. 2nd Set Begin



%4P00

2. Decimal Value
(Appendix A)

3. 2nd Set Complete



%4P02

Minimum Length

1. Begin



%2+- /

2. Decimal Value
(Appendix A)

3. Complete



%2CB+

5.14 Telepen Parameters

A> Type of Code

<Telepen ASCII>



Telepen Numeric



B> Check Digit Transmission

Do Not Calculate
Check Digit



Calculate Check
Digit & Transmit



<Calculate Check Digit
& Not Transmit>



C> Set Up Code Length

To set the fixed length:

1. Scan the "Begin" label of the desired set.
2. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the length to be read.
3. Scan the "Complete" label of the desired set.

Repeat the steps 1 - 3 to set additional lengths.

<Variable>



Fix Length (2 Sets Available)

1. 1st Set Begin



2. Decimal Value
(Appendix A)

3. 1st Set Complete



1. 2nd Set Begin



2. Decimal Value
(Appendix A)

3. 2nd Set Complete



Minimum Length

1. Begin



2. Decimal Value
(Appendix A)

3. Complete



Ch.6 Miscellaneous Parameters

6.1 Language Selection

<US English>



UK English



Italian



Spanish



French



German



Swedish



Switzerland



Hungarian



Japanese



Belgium



%0ZVA

Portuguese



%0ZVB

Denmark



%0ZVC

Netherlands



%0ZVD

Turkey



%0ZVE

Reserved1



%0ZVF

6.2 Bar Code ID

ON



<OFF>



Default



With this function ON, a leading character will be added to the output string while scanning code, user may refer to the following table to know what kind of bar code is being scanned.

Please refer to the table below for matching code ID of codes read in.

Code Type	ID	Code Type	ID
UPC-A	A	UPC-E	B
EAN-8	C	EAN-13	D
CODE 39	E	CODE 128	F
Interleave 25	G	Industrial 25	H
Matrix 25	I	Codabar/NW7	J
CODE 93	K	CODE 11	L
China Postage	M	MSI/PLESSEY	N
BC412	O	Code 2 of 6	P
Telepen	T		

User Define Code ID

To set the code ID:

1. Scan the symbologies label.
2. Go to the ASCII Tables in Appendix B, scan label that represents the desired code ID.

Note:

User define code ID will override default value. Program will not check the conflict. It is possible to have more than two symbologies which have same code ID.

UPC-A



UPC-E



EAN-13/JAN-13



EAN-8/JAN-8



CODE 39



CODE 128



CODABAR/NW7



Interleave 25



Industrial 25



Matrix 25



CODE 93



CODE 11



China Postage



MSI/PLESSEY



BC412



Code 2 of 6



Telepen



Reserved4



Reserved5



Reserved6



6.3 Reading Level

Bar Equals High



<Bar Equals Low>



6.4 Accuracy

<1 Time>



2 Times



3 Times



4 Times



6.5 Buzzer Beep Tone

<High>



Medium



Low



Off



6.6 Sensitivity of Continuous Reading Mode

<Fast>



%0388

Slow



%0380

6.7 Notebook Function

Enable



%0344

<Disable>



%0340

6.8 Reverse Output Characters

<Disable>



%03H0

Enable



%03H1

6.9 Setup Deletion

To setup the deletion of output characters:

1. Scan the label of the desired set below.
2. Scan the label of the desired symbology.
3. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the desired position to be deleted.
4. Scan the "Complete" label of "Character Position to be Deleted".
5. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the number of characters to be deleted.
6. Scan the "Complete" label of "Number of Characters to be Deleted".

Repeat the steps 1 - 6 to set additional deletion.

A> Select Deletion Set Number

1. 1st Set



2. 2nd Set



3. 3rd Set



4. 4th Set



5. 5th Set



6. 6th Set



B> Symbologies Selection

UPC-A



UPC-E



EAN-13/JAN-13



EAN-8/JAN-8



CODE 39



CODE 128



CODABAR/NW7



Interleave 25



Industrial 25



Matrix 25



CODE 93



CODE 11



China Postage



MSI/PLESSEY



BC412



Code 2 of 6



Telepen



Resvered4



Resvered5



All Codes



None



C> Character Position to be Deleted

1. Decimal Value
(Appendix A)

2. Complete



D> Number of Characters to be Deleted

1. Decimal Value
(Appendix A)

2. Complete



6.10 Setup Insertion

To setup the insertion of output characters:

1. Scan the label of the desired set.
2. Scan the label of the desired symbology.
3. Go to the Decimal Value Tables in Appendix A, scan label(s) that represents the desired position to be inserted.
4. Scan the "Complete" label of "Character Position to be Inserted".
5. Go to the ASCII Tables in Appendix B or Function Key Tables in Appendix C, scan label(s) that represents the desired characters to be inserted.
6. Scan the "Complete" label of "Characters to be Inserted".

Repeat the steps 1 - 6 to set additional insertion.

A> Select Insertion Set Number

1. 1st Set



2. 2nd Set



3. 3rd Set



4. 4th Set



5. 5th Set



6. 6th Set



B> Symbolologies Selection

UPC-A



UPC-E



EAN-13/JAN-13



EAN-8/JAN-8



CODE 39



CODE 128



CODABAR/NW7



Interleave 25



Industrial 25



Matrix 25



CODE 93



CODE 11



China Postage



MSI/PLESSEY



BC412



Code 2 of 6



Telepen



Resvered4



Resvered5



All Codes



None



C> Character Position to be Inserted

1. Decimal Value
(Appendix A)

2. Complete



D> Characters to be Inserted

1. ASCII Table
(Appendix B)

2. Complete



6.11 Setup IR Sensor

<Disable>



Enable



Appendix A Decimal Value Table



Appendix B ASCII Table

NULL  00	STX  02	SOH  01
ETX  03	ENQ  06	EOT  04
ACK  06	BS  08	BEL  07
HT  09	VT  0B	LF  0A
FF  0C	SO  0E	CR  0D
SI  0F	DC1  11	DLE  10
DC2  12	DC4  14	DC3  13
NAK  15	ETB  17	SYN  16
CAN  18	SUB  1A	EM  19
ESC  1B	GS  1D	FS  1C
RS  1E		US  1F

SPACE



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,	 60	b	 62	a	 61
c	 63	e	 65	d	 64
f	 66	h	 68	g	 67
i	 69	k	 6B	j	 6A
l	 6C	n	 6E	m	 6D
o	 6F	q	 71	p	 70
r	 72	t	 74	s	 73
u	 75	w	 77	v	 76
x	 78	z	 7A	y	 79
{	 7B	}	 7D		 7C
~	 7E			DEL	 7F

Appendix C Function Key Table

F1  C0		F2  C1
	F3  C2	
F4  C3		F5  C4
	F6  C5	
F7  C6		F8  C7
	F9  C8	
F10  C9		F11  CA
	F12  CB	
Insert  CC		Delete  CD
	Home  CE	
Page Up  CF		Page Down  CD
	End  D1	
Left  D2		Right  D3
	Up  D4	
Down  D5		

Save Parameters



Recall Stored Parameters



Set All Defaults



Start Configuration



End Configuration



Abort Configuration



Version Information

