BAR CODE

Contents

Chapter 6 Miscellaneous Parameters

Appendix

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.

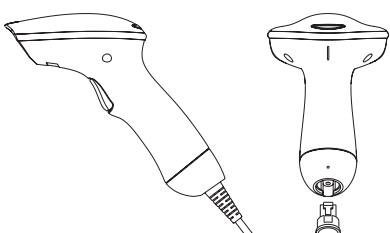
Connecting the scanner –
Keyboard wedge/RS-232C/USB:
Connect the 10-pins RS-45 male connector into the bottom of the scanner and you will hear a “click” when the connection is made.

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.

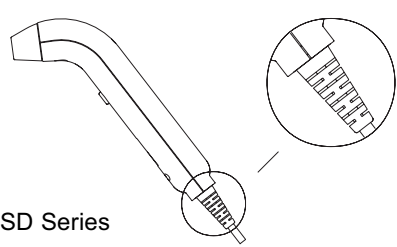
Installing the scanner to the Host System –
1. Turn off the host system.
2. Connect the power if needed.
3. Connect to the proper port on the host system.
4. Turn on the host system.

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



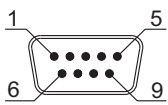
SD Series

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

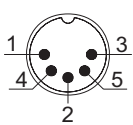


B> Output Port

1. PC Keyboard Output

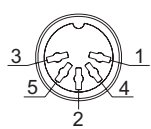
DIN 5 MALE

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



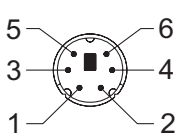
DIN 5 FEMALE

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



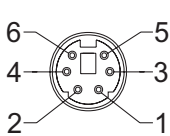
MiniDIN 6 MALE

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



MiniDIN 6 FEMALE

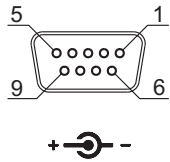
Pin No.	Function
1	KB DATA
3	GND
4	Vcc
5	KB CLK



2. RS-232 Output

DB 9 Female

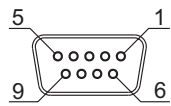
Pin No.	Function
2	TXD
3	RXD
5	GND
7	CTS
8	RTS
Power Lead	Vcc (+5V)



3. WAND Emulation Output

DB 9 Female

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



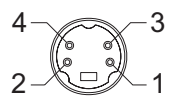
4. ADB Interface

MiniDIN 4 MALE

Pin No.	Function
1	ADB
3	Vcc
4	GND

MiniDIN 4 FEMALE

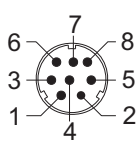
Pin No.	Function
1	ADB
3	Vcc
4	GND



5. NEC 9801 Interface

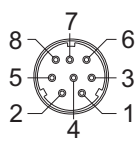
MiniDIN 8 MALE

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



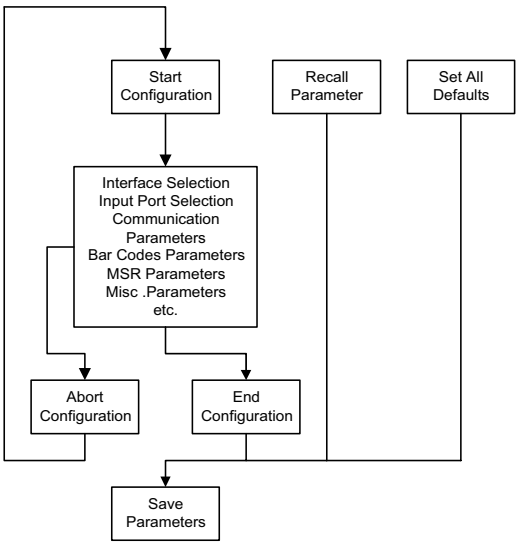
MiniDIN 8 FEMALE

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>

RS232 Mode

WAND Emulation

OCIA Mode

USB Mode

3.2 Memory Function

<Enable>

Disable

3.3 Reading Mode Selection

<Good Read OFF>

Trigger ON/OFF

Continuous/Trigger OFF

Testing

Continuous/Auto Power On

Flash

Flash/Auto Power On

Reserved1

Reserved2

Reserved3

Reserved4

Reserved5

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>

Upper Case

Lower Case

C> Send Character by ALT Method

Enable

<Disable>

D> Select Numerical Pad

ON

<OFF>

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>

Bar Equals Low

B> Scan Speed Selection

<Fast>

Slow

C> Output Format Selection

<Output as Code 39>

Output as Code 39
Full ASCII

Output as Original
Code Format

4.5 OCIA Mode Parameters

<NCR 8 Bit Format>

NCR 9 Bit Format

Spectra-Physics

Nixdorf

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>

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

5.5 Interleave 25 Parameters

A> Check Digit Transmission

<Do Not Calculate Check Digit>

Calculate Check Digit & Transmit

Calculate Check Digit & Not Transmit

B> Set Up Number of Character

<Even>

Odd

C> Brazilian Banking Code

<Disable>

Enable

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>

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

5.6 Industrial 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

5.7 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>

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

5.10 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>

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

5.11 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>

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

5.12 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>

%4T1+

Fix Length (2 Sets Available)

1. 1st Set Begin

%4T00

2. Decimal Value (Appendix A)

3. 1st Set Complete

%4T01

1. 2nd Set Begin

%4T00

2. Decimal Value (Appendix A)

3. 2nd Set Complete

%4T02

Minimum Length

1. Begin

%2+-/

2. Decimal Value (Appendix A)

3. Complete

%2CF+

Ch.6 Miscellaneous Parameters

6.1 Language Selection

<US English>

%0ZV0

UK English

%0ZV1

Italian

%0ZV2

Spanish

%0ZV3

French

%0ZV4

German

%0ZV5

Swedish

%0ZV6

Switzerland

%0ZV7

Hungarian

%0ZV8

Japanese

%0ZV9

Belgium

Portuguese

Denmark

Netherlands

Turkey

Reserved1

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

EAN-13/JAN-13

CODE 39

CODABAR/NW7

Industrial 25

CODE 93

China Postage

BC412

UPC-E

EAN-8/JAN-8

CODE 128

Interleave 25

Matrix 25

CODE 11

MSI/PLESSEY

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>

Slow

6.7 Notebook Function

Enable

<Disable>

6.8 Reverse Output Characters

<Disable>

Enable

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> 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 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

0

1

2

3

4

5

6

7

8

9

Appendix B ASCII Table

NULL

STX

SOH

ETX

ENQ

EOT

ACK

BS

BEL

HT

VT

LF

FF

SO

CR

SI

DC1

DLE

DC2

DC4

DC3

NAK

ETB

SYN

CAN

SUB

EM

ESC

GS

FS

RS

US

SPACE

"

!

#

%

$

&

(

'

)

+

*

,

.

-

/

1

0

2

4

3

5

7

6

8

:

9

;

=

<

>

?

@

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

[

\

]

^

_

`

a

b

c

d

e

f

g

h

i

j

k

l

m

n

o

p

q

r

s

t

u

v

w

x

y

z

{

|

}

~

DEL

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

D0

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

Ver 3.5

CE