

B A R C O D E
S C A N N E R

operation
manual



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Installation

Installing the Keyboard Wedge Reader

To install a keyboard wedge reader, follow the steps below:

1. Turn off the power of the PC or Terminal.
2. Unplug keyboard from the PC or Terminal.
3. Make sure you have the Y Cable with appropriate connector type for your PC or Terminal.
4. Connect Scanner to your PC or Terminal.
5. Connect the keyboard connector to the female connector of the Y cable.
6. Turn on the power of PC or Terminal.

If the installation is successful , the Green LED light on the top of the reader should light up, and you should hear three beeps from reader.

Installing the RS232 Reader

To install a RS232 reader, follow the steps below :

1. Turn off the power of the PC or Terminal.
2. Make sure the connector type from RS232 to the PC or Terminal is correct.
3. Plug AC Adaptor connector into connector of the reader.
4. Turn on the power of PC or Terminal.
5. Setup the Interface of the reader to RS232 mode by scanning the barcode in the Interface Selection section.

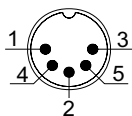
If the installation is successful, the Green LED light on the top of the reader should light up, and you should hear three beeps from reader.

Pin Assignments

1. Keyboard Output

DIN 5 MALE

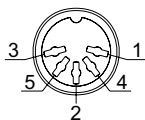
Pin No.	Function
1	HOST CLK
2	HOST DATA
4	GND
5	Vcc(+5V)



DIN 5 Male
Pin Assignment

DIN 5 FEMALE

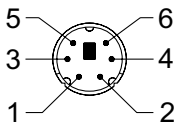
Pin No.	Function
1	KB CLK
2	KB DATA
4	GND
5	Vcc(+5V)



DIN 5 Female
Pin Assignment

MiniDIN 6 MALE

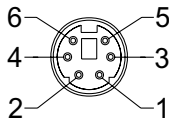
Pin No.	Function
1	HOST DATA
3	GND
4	Vcc
5	HOST CLK



MiniDIN 6 Male
Pin Assignment

MiniDIN 6 FEMALE

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

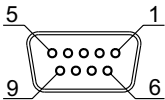


MiniDIN 6 Female
Pin Assignment

Pin Assignments

2. RS-232 Output DB 9 Female

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



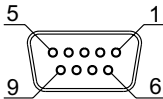
+5V +  - GND

DB 9 Female Pin Assignment

Male DC Jack

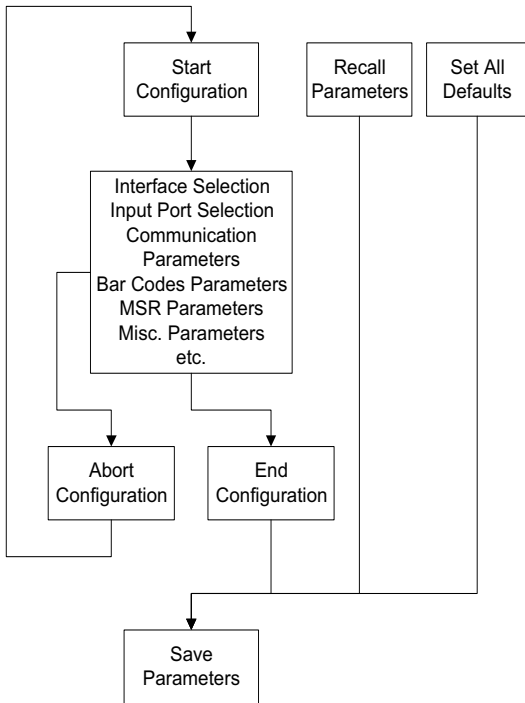
3. WAND Emulation Output DB 9 Female

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



DB 9 Female Pin Assignment

Setup Flow Chart



Loop of Programming

The philosophy of programming parameters has been shown on the flow chart. 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.

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" on page 9, 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.

Setup Commands

Save Parameters

Save the parameter settings permanently.



Recall Stored Parameters

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



Set All Defaults

Set all the parameters to the factory default settings.



Start Configuration



End Configuration



Abort Configuration

Terminate current programming status.



Version Information

Display the decoder version information and date code.





Start Configuration

Interface

Interface Selection



<Keyboard>

%00U0



RS232 Mode

%00U8



WAND Emulation

%00M2



USB Mode

%0X08



OCIA Mode

%00M4

Reading Mode



End Configuration

Reading Mode

<Good Read OFF>



%0271

Trigger ON/OFF



%0270

Continuous/Trigger OFF



%0272

Continuous/Auto Power ON



%0273

Flash



%0274

Flash/Auto Power ON



%0276

Testing



%0275

Reserved1



%0277



Save Configuration



Start Configuration

RS-232 Communication

RS-232 Communication Parameters

Set Up BAUD Rate



%0Y70

600



%0Y71

1200



%0Y72

2400



%0Y73

4800



%0Y77

<9600>



%0Y74

19200



%0Y75

38400

Set Up Data Bits



%0Y80

7 Data Bits



%0Y88

<8 Data Bits>

Set Up Stop Bits



%0Y08

<1 Bit>



%0Y00

2 Bits



RS-232 Communication Parameters

Set Up Parity

<None>



%0 YN7

Even



%0 YN2

Odd



%0 YN3

Mark



%0 YN1

Space



%0 YN0

Handshaking

RTS/CTS Enable



%0 188

<RTS/CTS Disable>



%0 180

ACK/NAK Enable



%0 144

<ACK/NAK Disable>



%0 140

XON/XOFF Enable



%0 3 K4

<XON/XOFF Disable>



%0 3 K0





Start Configuration

Keyboard Wedge

Keyboard Wedge Parameters

Terminal Type



%0ZF0

<IBM PC/AT, PS/2>



%0ZF1

IBM PC/XT



%0ZF2

IBM PS/2 25, 30



%0ZF3

NEC 9800



%0ZF4

ADB



%0ZF5

IBM 5550



%0ZF6

IBM 122 Key (1)



%0ZF7

IBM 102 Key



%0ZF8

IBM 122 Key (2)



%0ZF9

Reserved 1



%0ZFA

Reserved 2



%0ZFB

Reserved 3



%0ZFC

Reserved 4



%0ZFD

Reserved 5

Keyboard Wedge



End Configuration

Keyboard Wedge Parameters

Upper/Lower Case

<No Change>



%0330

Upper Case



%0331

Lower Case



%0332

Send Character by ALT Method

Enable



%0308

<Disable>



%0300

Select Numerical Pad

ON



%01K4

<OFF>



%01K0



Save Configuration



Start Configuration

Output Parameters

Output Characters Parameters

Select Terminator



%7 S2+

<CR+LF>



%7 S7+

None



%7 S0+

CR



%7 S1+

LF



%7 S4+

Space



%7 S3+

HT(TAB)



%7 S5+

STX-ETX

Output Parameters



End Configuration

Output Characters Parameters

Time-out Between Characters

<0 ms>



%0070

5 ms



%0071

10 ms



%0072

25 ms



%0073

50 ms



%0074

100 ms



%0075

200 ms



%0076

300 ms



%0077



Save Configuration



Start Configuration

Wand Emulation

Wand Emulation

TTL Level Representation



%02K4

<Bar Equals High>



%02K0

Bar Equals Low

Scan Speed Selection



%0288

<Fast>



%0280

Slow

Output Format Selection



%0208

<Output as Code 39>



%0200

Output as Code 39
Full ASCII



%0XK4

Output as Original
Code Format

OCIA Mode



End Configuration

OCIA Mode Parameters

OCIA Mode Parameters

<NCR 8 Bit Format>



%02J0

NCR 9 Bit Fomat



%02J1

Spectra-Physics



%02J2

Nixdorf



%02J3



Save Configuration



Start Configuration

Symbology

Bar Code Type Selection

UPC-A



%0A44

<ON>



%0A40

OFF

UPC-E



%0B08

<ON>



%0B00

OFF

EAN-13/JAN-13



%0A22

<ON>



%0A20

OFF

EAN-8/JAN-8



%0A11

<ON>



%0A10

OFF

CODE 39



%0E08

<ON>



%0E00

OFF

Symbology



End Configuration

Bar Code Type Selection

CODE 128

<ON>



%0 F08

OFF



%0 F00

CODABAR/NW7

<ON>



%0 J08

OFF



%0 J00

Interleave 25

<ON>



%0 G08

OFF



%0 G00

Industrial 25

ON



%0 H08

<OFF>



%0 H00

Code 2 of 6

ON



%0 P08

<OFF>



%0 P00



Save Configuration



Start Configuration

Symbology

Bar Code Type Selection

Matrix 25



ON

%01 08



<OFF>

%01 00

CODE 93



ON

%0 K08



<OFF>

%0 K00

CODE 11



ON

%0 L 08



<OFF>

%0 L 00

China Postage



ON

%0 M08



<OFF>

%0 M00

MSI/PLESSEY



ON

%0 N08



<OFF>

%0 N00

Symbology



End Configuration

Bar Code Type Selection

BC412

ON



<OFF>



Reserved4

ON



<OFF>



Reserved5

ON



<OFF>



Reserved6

ON



<OFF>



Select All Bar Codes



Save Configuration



Start Configuration

Symbology

UPC/EAN/JAN

Reading Type



%0 AK4

UPCA=EAN13 ON



%0 AK0

UPCA=EAN13<OFF>



%0 B88

ISBN Enable



%0 B80

ISBN <Disable>



%0 B44

ISSN Enable



%0 B40

ISSN <Disable>



%0 1 00

Decode with Supplementals



%0 1 08

<Autodiscriminate Supplementals>

Supplementals Set Up



%0 B33

<Not Transmit>



%0 B31

Transmit 2 Code



%0 B32

Transmit 5 Code



%0 B30

Transmit 2&5 Code

Symbology



End Configuration

UPC/EAN/JAN

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



Save Configuration



Start Configuration

Symbology

Code 39

Type of Code



%0EH1

<Standard>



%0EH0

Full ASCII



%0E80

Italian Pharmacy/Code
32<OFF>



%0E88

Italian Pharmacy/
Code 32 ON

Check Digit Transmission



%0EM2

<Do Not Calculate
Check Digit>



%0EM6

Calculate Check Digit
& Transmit



%0EM4

Calculate Check Digit
& Not Transmit

Output Start/Stop Character



%0E44

Enable



%0E40

<Disable>

Decode Asterisk



%0E22

Enable



%0E20

<Disable>

Symbology



End Configuration

Code 39

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)

1st Set Begin
(Then scan value in
Appendix A)



1st Set Complete



2nd Set Begin
(Then scan value in
Appendix A)



2nd Set Complete



Minimum Length

Begin(Then scan value
in Appendix A)



Complete



Save Configuration



Start Configuration

Symbology

Code 128

Check Digit Transmission



%0FN1

Do Not Calculate
Check Digit



%0FN7

Calculate Check
Digit & Transmit



%0FN5

<Calculate Check
Digit & Not Transmit>

Append FNC2



%0F88

ON



%0F80

<OFF>

Symbology



End Configuration

Code 128

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)

1st Set Begin
(Then scan value in
Appendix A)



%4 F 0 0

1st Set Complete



%4 F 0 1

2nd Set Begin
(Then scan value in
Appendix A)



%4 F 0 0

2nd Set Complete



%4 F 0 2

Minimum Length

Begin(Then scan value
in Appendix A)



%2 + - /

Complete



%2 C 1 +



Save Configuration



Start Configuration

Symbology

Interleave 25

Check Digit Transmission



%0 GN3

<Do Not Calculate
Check Digit>



%0 GN7

Calculate Check
Digit & Transmit



%0 GN5

Calculate Check
Digit & Not Transmit

Set Up Number of Character



%0 G8 8

<Even>



%0 G8 0

Odd

Brazilian Banking Code



%0 G4 0

<Disable>



%0 G4 4

Enable

Symbology



End Configuration

Interleave 25

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)

1st Set Begin
(Then scan value in
Appendix A)



%4 G0 0

1st Set Complete



%4 G0 1

2nd Set Begin
(Then scan value in
Appendix A)



%4 G0 0

2nd Set Complete



%4 G0 2

Minimum Length

Begin(Then scan value
in Appendix A)



%2 +- /

Complete



%2 C2 +



Save Configuration



Start Configuration

Symbology

Industrial 25

Check Digit Transmission



%0 HN3

<Do Not Calculate
Check Digit>



%0 HN7

Calculate Check
Digit & Transmit



%0 HN5

Calculate Check
Digit & Not Transmit

Symbology



End Configuration

Industrial 25

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)

1st Set Begin
(Then scan value in
Appendix A)



%4 H0 0

1st Set Complete



%4 H0 1

2nd Set Begin
(Then scan value in
Appendix A)



%4 H0 0

2nd Set Complete



%4 H0 2

Minimum Length

Begin(Then scan value
in Appendix A)



%2 +- /

Complete



%2 C3 +



Save Configuration



Start Configuration

Code 2 of 6

Check Digit Transmission



%0PN3

Do Not Calculate
Check Digit



%0PN7

**<Calculate Check
Digit & Transmit>**



%0PN5

Calculate Check Digit
& Not Transmit



End Configuration

Code 2 of 6

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)

1st Set Begin
(Then scan value in
Appendix A)



1st Set Complete



2nd Set Begin
(Then scan value in
Appendix A)



2nd Set Complete



Minimum Length

Begin(Then scan value
in Appendix A)



Complete



Save Configuration



Start Configuration

Symbology

Matrix 25

Check Digit Transmission



%01 N3

**<Do Not Calculate
Check Digit>**



%01 N7

Calculate Check
Digit & Transmit



%01 N5

Calculate Check
Digit & Not Transmit

Symbology



End Configuration

Matrix 25

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)

1st Set Begin
(Then scan value in
Appendix A)



1st Set Complete



2nd Set Begin
(Then scan value in
Appendix A)



2nd Set Complete



Minimum Length

Begin(Then scan value
in Appendix A)



Complete



Save Configuration



Start Configuration

Symbology

CODABAR/NW7

Set Up Start/Stop Characters Upon Transmission



%0 J H1

ON



%0 J H0

<OFF>

Transmission Type of Start/Stop



%0 4 VF

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



%0 4 FF

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



%0 4 V1

A Start



%0 4 F1

A Stop



%0 4 V2

B Start



%0 4 F2

B Stop



%0 4 V4

C Start



%0 4 F4

C Stop



%0 4 V8

D Start



%0 4 F8

D Stop

Symbology



End Configuration

CODABAR/NW7

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)

1st Set Begin
(Then scan value in
Appendix A)



1st Set Complete



2nd Set Begin
(Then scan value in
Appendix A)



2nd Set Complete



Minimum Length

Begin(Then scan value
in Appendix A)



Complete



Save Configuration



Start Configuration

Symbology

Code 93

Check Digit Transmission



%0KN4

<Calculate Check 2
Digits & Not Transmit>



%0KN3

Do Not Calculate
Check Digit

Symbology



End Configuration

Code 93

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)

1st Set Begin
(Then scan value in
Appendix A)



1st Set Complete



2nd Set Begin
(Then scan value in
Appendix A)



2nd Set Complete



Minimum Length

Begin(Then scan value
in Appendix A)



Complete



Save Configuration



Start Configuration

Symbology

Code 11

Check Digit Transmission



%0LN3

**<Do Not Calculate
Check Digit>**



%0LN7

Calculate Check 1
Digit & Transmit



%0LN5

Calculate Check 1 Digit
& Not Transmit



%0LN6

Calculate Check 2
Digits & Transmit



%0LN4

Calculate Check 2
Digits & Not Transmit



End Configuration

Code 11

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 L 1 +

Fix Length (2 Sets Available)

1st Set Begin
(Then scan value in
Appendix A)



%4 L 0 0

1st Set Complete



%4 L 0 1

2nd Set Begin
(Then scan value in
Appendix A)



%4 L 0 0

2nd Set Complete



%4 L 0 2

Minimum Length

Begin(Then scan value
in Appendix A)



%2 + - /

Complete



%2 C 7 +



Save Configuration



Start Configuration

Symbology

MSI/PLESSEY

Check Digit Transmission



%0 NN3

<Do Not Calculate
Check Digit>



%0 NN7

Calculate Check
Digit & Transmit



%0 NN5

Calculate Check
Digit & Not Transmit

Symbology



End Configuration

MSI/PLESSEY

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)

1st Set Begin
(Then scan value in
Appendix A)



1st Set Complete



2nd Set Begin
(Then scan value in
Appendix A)



2nd Set Complete



Minimum Length

Begin(Then scan value
in Appendix A)



Complete



Save Configuration



Start Configuration

Symbology

BC 412

Check Digit Transmission



%0 ON3

Do Not Calculate
Check Digit



%0 ON7

**<Calculate Check
Digit & Transmit>**



%0 ON5

Calculate Check
Digit & Not Transmit

Symbology



End Configuration

BC 412

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)

1st Set Begin
(Then scan value in
Appendix A)



1st Set Complete



2nd Set Begin
(Then scan value in
Appendix A)



2nd Set Complete



Minimum Length

Begin(Then scan value
in Appendix A)



Complete



Save Configuration



Start Configuration

Operation

Language Selection



%0ZV0

<US English>



%0ZV1

UK English



%0ZV2

Italian



%0ZV3

Spanish



%0ZV4

French



%0ZV5

German



%0ZV6

Swedish



%0ZV7

Switzerland



%0ZV8

Hungarian



%0ZV9

Japanese

Operation



End Configuration

Language Selection

Belgium



%0ZVA

Portuguese



%0ZVB

Denmark



%0ZVC

Netherlands



%0ZVD

Turkey



%0ZVE

Reserved1



%0ZVF



Save Configuration



Start Configuration

Operation

Bar Code ID



%00H1

ON



%00H0

<OFF>



%013+

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		

User Define Code ID

To set the code ID:

1. Scan the symbologies table.
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.

Operation



End Configuration

Bar Code ID

UPC-A



%@ 1 A+

UPC-E



%@ 1 B+

EAN-13/JAN-13



%@ 1 Y+

EAN-8/JAN-8



%@ 1 Z+

CODE 39



%@ 1 E+

CODE 128



%@ 1 F+

CODABAR/NW7



%@ 1 J+

Interleave 25



%@ 1 G+

Industrial 25



%@ 1 H+

Code 2 of 6



%@ 1 P+

Matrix 25



%@ 1 I +



Save Configuration



Start Configuration

Operation

Bar Code ID



%9 1 K+

CODE 93



%9 1 L+

CODE 11



%9 1 M+

China Postage



%9 1 N+

MSI/PLESSEY



%9 1 O+

BC412



%9 1 Q+

Reserved4



%9 1 R+

Reserved5



%9 1 S+

Reserved6

Reading Level



%0 3 1 2

Bar Equals High



%0 3 1 0

<Bar Equals Low>

Operation



End Configuration

Misc. Parameters

Accuracy

<1 Time>



%0130

2 Times



%0131

3 Times



%0132

4 Times



%0133

Sensitivity of Continuous Reading Mode

<Fast>



%0388

Slow



%0380



Save Configuration



Start Configuration

Operation

Misc. Parameters

Buzzer Beep Tone



%01J3

<High>



%01J2

Medium



%01J1

Low



%01J0

Off

PnP/Notebooks



%0340

<Disable>



%0344

Enable

Reverse Output Characters



%03H0

<Disable>



%03H1

Enable



Setup Deletion

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.

Select Deletion Set Number

1. 1st Set



2. 2nd Set



3. 3rd Set



4. 4th Set



5. 5th Set



6. 6th Set





Start Configuration

Operation

Setup Deletion

Symboligies Selection



%8 1 A+

UPC-A



%8 1 B+

UPC-E



%8 1 Y+

EAN-13/JAN-13



%8 1 Z+

EAN-8/JAN-8



%8 1 E+

CODE 39



%8 1 F+

CODE 128



%8 1 J+

CODABAR/NW7



%8 1 G+

Interleave 25



%8 1 H+

Industrial 25



%8 1 I+

Matrix 25



%8 1 K+

CODE 93



%8 1 L+

CODE 11

Operation



End Configuration

Setup Deletion

China Postage



%8 1 M+

MSI/PLESSEY



%8 1 N+

BC412



%8 1 O+

Code 2 of 6



%8 1 P+

Resvered4



%8 1 Q+

Resvered5



%8 1 R+

All Codes



%8 1 S+

None



%8 1 4+



Save Configuration



Start Configuration

Operation

Setup Deletion

Character Position to be Deleted

1. Scan Decimal Value in Appendix A first.



%820+

2. Complete

Number of Characters to be Deleted

1. Scan Decimal Value in Appendix A first.



%830+

2. Complete



Setup Insertion

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.

Select Insertion Set Number

1st Set



%500+

2nd Set



%501+

3rd Set



%502+

4th Set



%503+

5th Set



%504+

6th Set



%505+





Start Configuration

Operation

Setup Interion

Symboligies Selection



%5 1 A+

UPC-A



%5 1 B+

UPC-E



%5 1 Y+

EAN-13/JAN-13



%5 1 Z+

EAN-8/JAN-8



%5 1 E+

CODE 39



%5 1 F+

CODE 128



%5 1 J+

CODABAR/NW7



%5 1 G+

Interleave 25



%5 1 H+

Industrial 25



%5 1 I +

Matrix 25



%5 1 K+

CODE 93



%5 1 L+

CODE 11

Operation



End Configuration

Setup Insertion

China Postage



%5 1 M+

MSI/PLESSEY



%5 1 N+

BC412



%5 1 O+

Code 2 of 6



%5 1 P+

Resvered4



%5 1 Q+

Resvered5



%5 1 R+

All Codes



%5 1 S+

None



%5 1 4+



Save Configuration



Start Configuration

Operation

Setup Insertion

Character Position to be Inserted

1. Scan Decimal Value in Appendix A first.



%520+

2. Complete

Characters to be Inserted

1. Scan ASCII Table in Appendix B first.



%530+

2. Complete

Operation



End Configuration

Setup IR Sensor

Setup IR Sensor

<Disable>



%0XH0

Enable



%0XH1



Save Configuration

Appendix A

Decimal Value

0



1



2



3



4



5



6



7



8



9



Appendix B

ASCII Tables

NULL



00

ETX



03

ACK



06

HT



09

FF



0C

SI



0F

DC2



12

NAK



15

CAN



18

ESC



1B

RS



1E

STX



02

ENQ



05

BS



08

VT



0B

SO



0E

DC1



11

DC4



14

ETB



17

SUB



1A

GS



1D

SOH



01

EOT



04

BEL



07

LF



0A

CR



0D

DLE



10

DC3



13

SYN



16

EM



19

FS



1C

US



1F

ASCII Tables

SPACE



20

#



23

&



26

)



29

,



2C

/



2F

2



32

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35

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38

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3B

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3E

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22

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25

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28

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2B

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2E

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31

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34

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37

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3A

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3D

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21

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24

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27

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2A

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2D

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30

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33

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36

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39

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3C

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3F

ASCII Tables

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40

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43

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46

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49

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4C

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4F

R



52

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55

X



58

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5B

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5E

B



42

E



45

H



48

K



4B

N



4E

Q



51

T



54

W



57

Z



5A

]



5D

A



41

D



44

G



47

J



4A

M



4D

P



50

S



53

V



56

Y



59

\



5C

_



5F

ASCII Tables



Appendix C

Function Key Tables

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

