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ii



Enter Setup

Restore Default Settings



Exit Setup without Changes



Configure Through RS232



List Setting



Page 1



Page 6



Page 2



Page 7



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Page 5



Page 10



Update

Buzzer Settings



< Buzzer Enable >



Buzzer Disable

• Buzzer Frequency



8 kHz



< 4 kHz >



2 kHz



1 kHz

• Buzzer Volume



< Maximum >



Loud



Medium



Minimum

Reading Redundancy Setting



< No Redundancy >



2 Times



3 Times



4 Times

2



Enter Setup

Scan Mode Setting



< Auto Off Mode >



Auto Power Off Mode



Momentary Mode



Laser Mode



Continuous Mode



Alternate Mode



Repeat Mode



Test Mode

Scanner Time-out Duration



*

* Programming Instructions : (1) Read the label. (2) Program the desired time-out duration by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.

Inhibit Time



< Short >



Long

Negative Barcode Setting



Enable



< Disable >



Update

Keyboard Wedge Parameters

• Activate and Select Keyboard Type



*

* Programming Instructions : (1) Read the label. (2) Program the desired keyboard number (shown in the following table) by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.

• Keyboard Table

No.	Keyboard Type
1	PCAT (US)
2	PCAT (French)
3	PCAT (German)
4	PCAT (Italy)
5	PCAT (Swedish)
6	PCAT (Norwegian)
7	PCAT (UK)
8	PCAT (Belgium)
9	PCAT (Spanish)
10	PCAT (Portuguese)
11	PS55 A01-1
12	PS55 A01-2
13	PS55 A01-3
14	PS55 001-1
15	PS55 001-81
16	PS55 001-2
17	PS55 001-82
18	PS55 001-3
19	PS55 001-8A
20	PS55 002-1, 003-1
21	PS55 002-81, 003-81
22	PS55 002-2, 003-2
23	PS55 002-82, 003-82
24	PS55 002-3, 003-3
25	PS55 002-8A, 003-8A
26	IBM 3477 (Japanese)

(continued on next page)



No.	Keyboard Type
27	PS2-30
28	IBM 34XX/319X, Memorex Telex 122 Keys
29	PCXT
30	IBM 5550
31	NEC 5200
32	NEC 9800
33	DEC VT220,320,420
34	Macintosh (ADB)
35	Hitachi Elles
36	Wyse Enhance KBD (US)
37	NEC Astra
38	Unisys TO-300
39	Televideo 965
40	ADDS 1010
41	Reserved
42	Reserved
43	Wyse Enhance KBD (French)

• Keyboard Style - Alphabets



< Default Layout >



AZERTY



QWERTZ

• Keyboard Style - Digits



< Default >



Lower Row



Upper Row



Update

• Capital Lock Setting



Capital Lock ON



< Capital Lock OFF >



Auto Detection

• Alphabet Transmission



< Case Sensitive >



Ignore Case

• Digits Transmission



< Alphanumeric Key >



Numeric Key

• Inter-Character Delay



*

* Programming Instructions : (1) Read the label. (2) Program the desired inter-character delay by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.



Enter Setup

Wand Emulation Parameters

- Activate Wand Emulation



- Normal Status



Hi



< Low >

- Bar Status



< Hi >



Low

PC Term Mode

- Activate PC Term - US



- Activate PC Term - French



Update

RS-232 Parameters

- Activate RS232 Interface



- Transmission Mode



< Single Port >



Dual Port (Tx Both Ends)



Dual Port (Tx Female End)



Dual Port (Tx Male End)

- Baud Rate



38400



19200



< 9600 >



4800



2400



1200



300



110



• Parity



Even



Odd



< No Parity >

• Data Bit



< 8 >



7

• Flow Control (single port only)



< None >



Scanner Ready



Data Ready



INV. Data Ready

• Inter-Character Delay



*

* Programming Instructions : (1) Read the label. (2) Program the desired inter-character delay by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.



Update

Prefix / Postfix Settings



Prefix Code *



Postfix Code *

- * Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. If keyboard interface is used, the associate key type/status can also be specified. The associate key type/status (if specified) must be selected before each character being programmed. (3) Read the “Validate” label (also on page 45) to complete this setting.

Character Substitution



Set 1



Set 2



Set 3

- * Programming Instructions : (1) Read the label. (2) Program the character to be substituted by reading Hexadecimal Digits on page 45. Two hexadecimal digits are required. (3) Program the substituting character by reading Hexadecimal Digits also on page 45. This character can be omitted. If programmed, two hexadecimal digits are required. (4) Read the “Validate” label (also on page 45) to complete this setting.

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Enter Setup

Code ID Selection

- Clear All Code ID Settings
-



- Select Code ID Set
-



Set 1



Set 2



Set 3



Set 4



Set 5



Update

Code ID Setting



Code 39 *



Italy Pharmacode *



French Pharmacode *



Industrial 25 *



Interleave 25 *



Matrix 25 *



Codabar *



UPCA *



UPCE *



EAN8 *



EAN13 *



Code 93 *



Code 128 *



MSI *



Plessey *

* Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. If keyboard interface is used, the associate key type/status can also be specified. The associate key type/status (if specified) must be selected before each character being programmed. (3) Read the "Validate" label (also on page 45) to complete this setting.



Length Code Setting

- Code 39 Length Code



Enable



< Disable >

- Italy Pharmacode Length Code



Enable



< Disable >

- French Pharmacode Length Code



Enable



< Disable >

- Industrial 25 Length Code



Enable



< Disable >

- Interleave 25 Length Code



Enable



< Disable >



Update

• Matrix 25 Length Code



Enable



< Disable >

• UPCA Length Code



Enable



< Disable >

• UPCE Length Code



Enable



< Disable >

• EAN8 Length Code



Enable



< Disable >

• EAN13 Length Code



Enable



< Disable >



• Code 93 Length Code



Enable



< Disable >

• Code 128 Length Code



Enable



< Disable >

• EAN128 Length Code



Enable



< Disable >

• MSI Length Code



Enable



< Disable >

• Plessey Length Code



Enable



< Disable >



Update

Select Readable Codes

- Code 39



< Enable >



Disable

- Italy Pharmacode



Enable



< Disable >

- French Pharmacode



Enable



< Disable >

- Industrial 25



< Enable >



Disable

- Interleave 25



< Enable >



Disable

- Matrix 25



Enable



< Disable >

16



Enter Setup

• Codabar



< Enable >



Disable

• Code 93



< Enable >



Disable

• Code 128



< Enable >



Disable

• EAN128



Enable



< Disable >

• MSI



Enable



< Disable >

• Plessey



Enable



< Disable >



Update

• UPCA


< Enable No Addon >


Disable No Addon


Enable Addon2


< Disable Addon2 >


Enable Addon5


< Disable Addon5 >

• UPCE


< Enable No Addon >


Disable No Addon


Enable Addon2


< Disable Addon2 >


Enable Addon5


< Disable Addon5 >



• EAN8



• EAN13



Update

Code39 Parameters

- Standard / Full ASCII Code39



< Standard >



Full ASCII

- Start / Stop Transmission



Enable



< Disable >

- Checksum Verification



Enable



< Disable >

- Checksum Transmission



< Enable >



Disable

Italy Pharmacode Parameters

- Checksum Transmission



< Enable >



Disable>



French Pharmacode Parameters

- Checksum Transmission



< Enable >



Disable

Industrial 25 Parameters

- Start / Stop Selection



< Industrial 25 >



Interleave 25



Matrix 25

- Checksum Verification



Enable



< Disable >

- Checksum Transmission



< Enable >



Disable



Update

• Max / Min Code Length Qualification



Select Max / Min Length Qualification



Max Length *



Min Length *

• Fixed Code Length Qualification



Select Fixed Length Qualification



Fixed Length 1 *



Fixed Length 2 *

* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the "Validate" label (also on page 44) to complete this setting.

Interleave 25 Parameters

• Start / Stop Selection



Industrial 25



< Interleave 25 >



Matrix 25



• Read Odd Number of Digits



Enable



< Disable >

• Checksum Verification



Enable



< Disable >

• Checksum Transmission



< Enable >



Disable

• Max / Min Code Length
Qualification



Select Max / Min Length Qualification



Max Length *



Min Length *

* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.



Update

• Fixed Code Length Qualification



Select Fixed Length Qualification



Fixed Length 1 *



Fixed Length 2 *

* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.

Matrix 25 Parameters

• Start / Stop Selection



Industrial 25



Interleave 25



< Matrix 25 >

• Checksum Verification



Enable



< Disable >

• Checksum Transmission



< Enable >



Disable



• Max / Min Code Length Qualification



Select Max / Min Length Qualification



Max Length *



Min Length *

• Fixed Code Length Qualification



Select Fixed Length Qualification



Fixed Length 1 *



Fixed Length 2 *

* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.

Codabar Parameters

• Start / Stop Transmission



Enable



< Disable >



Update

• Start / Stop Selection



< abcd / abcd >



abcd / tn*e



ABCD / ABCD



ABCD / TN*E

• Convert to CLSI



Enable



< Disable >

Plessey Parameters

• Convert to UK Plessey



Enable



< Disable >

• Checksum Transmission



< Enable >

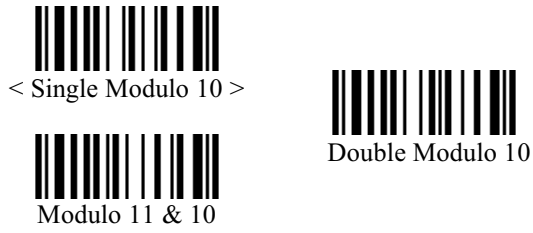


Disable

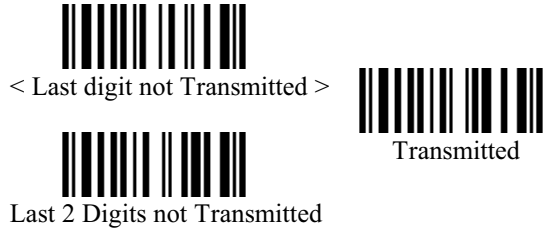


MSI Parameters

• Checksum Verification



• Checksum Transmission



• Max / Min Code Length Qualification



* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the "Validate" label (also on page 44) to complete this setting.



• Fixed Code Length Qualification



Select Fixed Length Qualification



Fixed Length 1 *



Fixed Length 2 *

- * Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.

EAN128 Parameters

• Field Separator



- * Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. If keyboard interface is used, the associate key type/status can also be specified. The associate key type/status (if specified) must be selected before each character being programmed. (3) Read the “Validate” label (also on page 45) to complete this setting.



EAN8 Parameters

- Convert to EAN13



Enable



< Disable >

- Checksum Transmission



< Enable >



Disable

UPCA Parameters

- Convert to EAN13



< Enable >



Disable

- System Number Transmission



< Enable >



Disable

- Checksum Transmission



< Enable >



Disable



Update

UPCE Parameters

- System Number Selection



System Number 0 and 1



< System Number 0 only >

- Convert to UPCA



Enable



< Disable >

- System Number Transmission



Enable



< Disable >

- Checksum Transmission



< Enable >



Disable



EAN13 Parameters

• ISBN Conversion



Enable



< Disable >

• ISSN Conversion



Enable



< Disable >

• Checksum Transmission



< Enable >



Disable



Update

Activate Editing Formats

- Format 1



Enable



< Disable >

- Format 2



Enable



< Disable >

- Format 3



Enable



< Disable >

- Exclusive Data Editing



Yes



< No >



Editing Format Parameters

• Format Selection



Format 1



Format 2



Format 3

• Restore Default Format



• Applicable Data Length



Maximum Length *



Minimum Length *

- * Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.

• Matching String of Applicable Data



*

- * Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 45) to complete this setting.



Update

• Location of Matching String



* Programming Instructions : (1) Read the label. (2) Program the desired location by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.

• Total Number of Fields



1



4



2



5



3



6



• Applicable Code Type



All



Clear



Code 39



Italy Pharmacode



French Pharmacode



Industrial 25



Interleave 25



Matrix 25



Codebar



Code 93



Code 128



EAN128



UPCE No Addon



UPCE Addon2



UPCE Addon5



EAN8 No Addon



EAN8 Addon2



EAN8 Addon5



Update



EAN13 No Addon



EAN13 Addon5



UPCA Addon2



MSI



EAN13 Addon2



UPCA No Addon



UPCA Addon5



Plessey



• Field1 Setting

Divide Field by
Field Terminating String



Field Terminating String *

* Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 45) to complete this setting.



Include Terminating String



Discard Terminating String

Divide Field by Field Length



Field Length *

* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.



Update

• Field2 Setting

Divide Field by
Field Terminating String



Field Terminating String *

* Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 45) to complete this setting.



Include Terminating String



Discard Terminating String

Divide Field by Field Length



Field Length *

* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.



• Field3 Setting

Divide Field by
Field Terminating String



Field Terminating String *

* Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 45) to complete this setting.



Include Terminating String



Discard Terminating String

Divide Field by Field Length



Field Length *

* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.



Update

• Field4 Setting

Divide Field by
Field Terminating String



Field Terminating String *

* Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 45) to complete this setting.



Include Terminating String



Discard Terminating String

Divide Field by Field Length



Field Length *

* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.



• Field5 Setting

Divide Field by
Field Terminating String



Field Terminating String *

* Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 45) to complete this setting.



Include Terminating String



Discard Terminating String

Divide Field by Field Length



Field Length *

* Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 44. (3) Read the “Validate” label (also on page 44) to complete this setting.



Update

• Additional Fields Setting



Additional Field 1 *



Additional Field 2 *



Additional Field 3 *



Additional Field 4 *

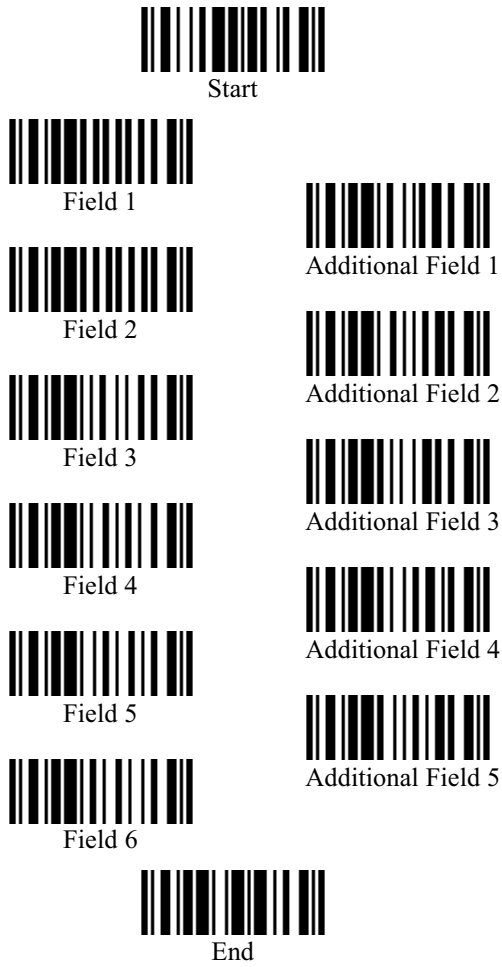


Additional Field 5 *

* Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 45. One character consists of 2 hexadecimal digits. If keyboard interface is used, the associate key type/status can also be specified. The associate key type/status (if specified) must be selected before each character being programmed. (3) Read the “Validate” label (also on page 45) to complete this setting.



• Field Transmission Sequence



* Programming Instructions : (1) Read the “Start” label.
(2) Program the desired transmission sequence by reading the Field / Additional Field labels. (3) Read the “End” label to complete this setting.



Decimal Digits



0



5



1



6



2



7



3



8



4



9

- Validate
-



Hexadecimal Digits



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F

• Validate



Update

Key Type



< Normal >



Scan Code

Key Status



Add Shift



Add Alternate (L)



Add Alternate (R)



Add Control (L)



Add Control (R)

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Enter Setup

KBD Wedge Character Table

	0	1	2	3	4	5	6	7	8
0		F2	SP	0	@	P	`	p	⓪
1	Ins	F3	!	1	A	Q	a	q	①
2	Del	F4	"	2	B	R	b	r	②
3	Home	F5	#	3	C	S	c	s	③
4	End	F6	\$	4	D	T	d	t	④
5	Up	F7	%	5	E	U	e	u	⑤
6	Down	F8	&	6	F	V	f	v	⑥
7	Left	F9	'	7	G	W	g	w	⑦
8	BS	F10	(	8	H	X	h	x	⑧
9	HT	F11	)	9	I	Y	i	y	⑨
A	LF	F12	*	:	J	Z	j	z	
B	Right	ESC	+	;	K	[	k	{	
C	PgUp	Exec	,	<	L	\	l	|	
D	Enter		-	=	M	]	m	}	
E	PgDn		.	>	N	^	n	~	
F	F1		/	?	O	_	o	Dly	Enter*

Dly : Delay 100 ms

Enter* : Enter Key of the Numeric Key Pad

⓪...⑨ : Digits of Numeric Key Pad

RS-232 Character Table

	0	1	2	3	4	5	6	7
0		DLE	SP	0	@	P	`	p
1	SOH	DC1	!	1	A	Q	a	q
2	STX	DC2	"	2	B	R	b	r
3	ETX	DC3	#	3	C	S	c	s
4	EOT	DC4	\$	4	D	T	d	t
5	ENQ	NAK	%	5	E	U	e	u
6	ACK	SYN	&	6	F	V	f	v
7	BEL	ETB	'	7	G	W	g	w
8	BS	CAN	(	8	H	X	h	x
9	HT	EM)	9	I	Y	i	y
A	LF	SUB	*	:	J	Z	j	z
B	VT	ESC	+	;	K	[k	{
C	FF	FS	,	<	L	\	l	
D	CR	GS	-	=	M]	m	}
E	SO	RS	.	>	N	^	n	~
F	SI	US	/	?	O	_	o	DEL



Update

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Enter Setup