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Restore Default Settings



Exit Setup without Changes



Configure Through RS232



List Setting



Page 1



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Page 3



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Page 6



Page 7



Page 8



Page 9



Page 10



Update

1

Buzzer Settings



< Buzzer Enable >



Buzzer Disable

• Buzzer Frequency



8 kHz



2 kHz

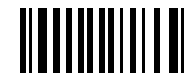


< 4 kHz >



1 kHz

Reading Redundancy Setting



< No Redundancy >



3 Times



2 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

Auto-Sense Setting



Enable



< Disable >

Scanner Time-out Duration



*

Programming Instructions : (1) Read the label. (2) Program the desired time-out duration by reading Decimal Digits on page 49. (3) Read the “Validate” label (also on page 49) to complete this setting.



Update

3

Negative Barcode Setting



Enable



< Disable >

Delay between Reread



100 ms



200ms



< 400 ms >



800 ms



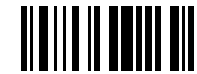
1 sec



2 sec



3 sec



5 sec

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 49. (3) Read the “Validate” label (also on page 49) to complete this setting.

4



Enter Setup

• 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) |
| 27 | PS2-30 |
| 28 | IBM 34XX/319X, Memorex Telex 122 Keys |

• Keyboard Alphabets Layout



• Keyboard Digits Layout



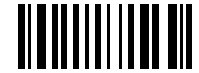
• Keyboard Capital Lock Type



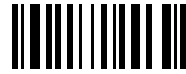
• Capital Lock Setting



• Alphabet Transmission



< Case Sensitive >

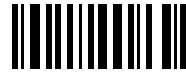


Ignore Case

• Digits Transmission



< Alphanumeric Key >



Numeric Key

• Alt Composing



Yes



< No >

• Inter-Character Delay



*

Programming Instructions : (1) Read the label. (2) Program the desired inter-character delay by reading Decimal Digits on page 49. (3) Read the “Validate” label (also on page 49) to complete this setting.

Laptop Support



< Disable >



Enable

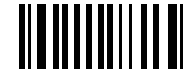


Update

7

RS-232 Parameters

• Activate RS232 Interface



• Baud Rate



38400



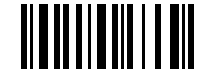
< 9600 >



2400



300



19200



4800



1200



110

• Parity



Even



< No Parity >



Odd

• Data Bit



< 8 >



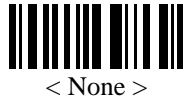
7

8



Enter Setup

• Flow Control (single port only)



< None >



Data Ready



Scanner 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 49. (3) Read the “Validate” label (also on page 49) to complete this setting.

Wand Emulation Parameters

• Activate Wand Emulation



• Normal Status



Hi



< Low >

• Bar Status



< Hi >



Low

• Module Time



250 us



2 ms



500 us



3 ms



< 1 ms >



4 ms



1.5 ms



5 ms



Update



Enter Setup

• Margin Time



5 ms



10 ms



< 20 ms >



30 ms



40 ms



60 ms



80 ms



100 ms

Prefix / Postfix Settings



Prefix Code *



Postfix Code *

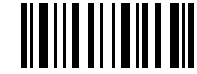
Character Substitution



Set 1 *



Set 3 *



Set 2 *

Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 50. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 50) to complete this setting.

Code ID Selection

• Clear All Code ID Settings



• Select Code ID Set



Set 1



Set 3



Set 5



Set 2



Set 4

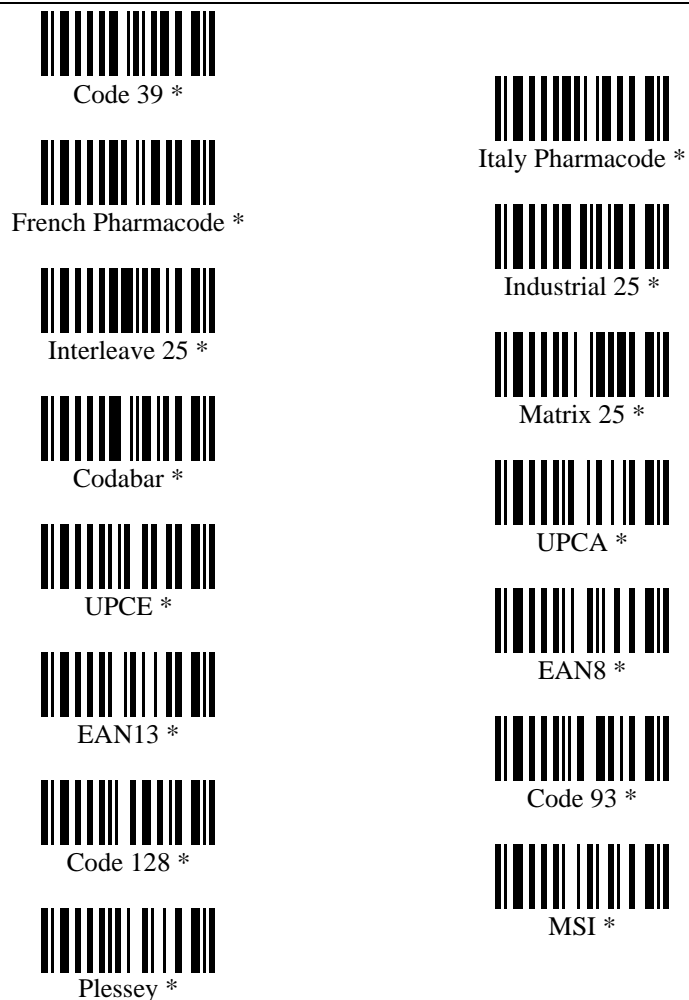


Update



Enter Setup

Code ID Setting

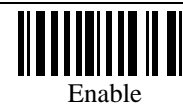


Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 50. One character consists of 2 hexadecimal digits. If keyboard interface is used, the associate key type/status can also be specified. The associate key type/status (if specified) must be selected before each character being programmed. (3) Read the “Validate” label (also on page 50) to complete this setting.

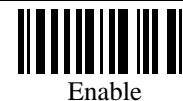


Length Code Setting (2 digits)

• Code 39 Length Code



• Italy Pharmacode Length Code



• French Pharmacode Length Code



• Industrial 25 Length Code



• Interleave 25 Length Code



• Matrix 25 Length Code



Enable



< Disable >

• Codabar Length Code



Enable



< Disable >

• UPCA Length Code



Enable



< Disable >

• UPCE Length Code



Enable



< Disable >

• EAN8 Length Code



Enable



< Disable >

• EAN13 Length Code



Enable



< Disable >



Update

• Code 93 Length Code



Enable



< Disable >

• Code 128 Length Code



Enable



< Disable >

• EAN128/RSS Length Code



Enable



< Disable >

• MSI Length Code



Enable



< Disable >

• Plessey Length Code



Enable



< Disable >



Enter Setup

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 >

• Codabar



< Enable >



Disable

• Code 93



< Enable >



Disable

• Code 128



< Enable >

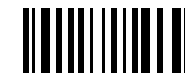


Disable

• EAN128



Enable



< Disable >

• MSI



Enable



< Disable >



Update



Enter Setup

• Plessey



Enable



< Disable >

• UPCA



< Enable No Addon >



Enable Addon2



Enable Addon5



Disable No Addon



< Disable Addon2 >



< Disable Addon5 >

• UPCE



< Enable No Addon >



Enable Addon2



Enable Addon5



Disable No Addon



< Disable Addon2 >



< Disable Addon5 >

• EAN8



< Enable No Addon >



Enable Addon2



Enable Addon5



Disable No Addon



< Disable Addon2 >



< Disable Addon5 >

• EAN13



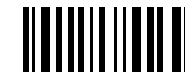
< Enable No Addon >



Enable Addon2



Enable Addon5



Disable No Addon



< Disable Addon2 >



< Disable Addon5 >



Update



Enter Setup

• RSS14



Enable



< Disable >

• RSS Limited



Enable



< Disable >

• RSS Expanded



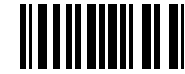
Enable



< Disable >

Code39 Parameters

• Standard / Full ASCII Code39



< Standard >



Full ASCII

• Start / Stop Transmission

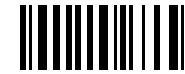


Enable



< Disable >

• Checksum Verification



Enable

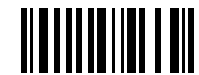


< Disable >

• Checksum Transmission



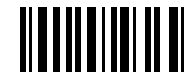
< Enable >



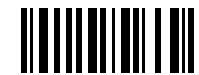
Disable

Italy Pharmacode Parameters

• Checksum Transmission



< Enable >



Disable>



Update



Enter Setup

French Pharmacode Parameters

• Checksum Transmission



< Enable >



Disable

Industrial 25 Parameters

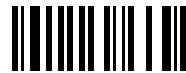
• Start / Stop Selection



< Industrial 25 >



Matrix 25



Interleave 25

• Checksum Verification



Enable

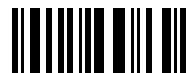


< Disable >

• Checksum Transmission

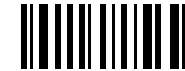


< Enable >



Disable

• Max / Min Code Length Qualification



Select Max / Min Length Qualification

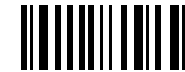


Max Length *



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 49. (3) Read the “Validate” label (also on page 49) to complete this setting.

Interleave 25 Parameters

• Start / Stop Selection



Industrial 25



Matrix 25



< Interleave 25 >

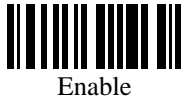


Update



Enter Setup

• 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 49. (3) Read the “Validate” label (also on page 49) 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 49. (3) Read the “Validate” label (also on page 49) to complete this setting.

Matrix 25 Parameters

• Start / Stop Selection



Industrial 25



Interleave 25



< Matrix 25 >

• Checksum Verification



Enable



< Disable >

• Checksum Transmission



< Enable >



Disable



Update

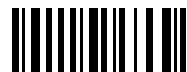
25

26



Enter Setup

• 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 49. (3) Read the “Validate” label (also on page 49) to complete this setting.

Codabar Parameters

• CLSI Conversion



Enable



< Disable >

• Start / Stop Transmission



Enable



< Disable >



Update

• Start / Stop Selection



< abcd / abcd >



ABCD / ABCD



abcd / tn*e



ABCD / TN*E

Plessey Parameters

• Convert to UK Plessey



Enable



< Disable >

• Checksum Transmission



< Enable >



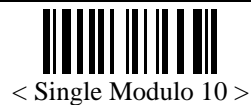
Disable



Enter Setup

MSI Parameters

• Checksum Verification



< Single Modulo 10 >



Modulo 11 & 10



Double Modulo 10

• Checksum Transmission



< Last digit not Transmitted >



Last 2 Digits not Transmitted



Transmitted

• 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 49. (3) Read the “Validate” label (also on page 49) 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 49. (3) Read the “Validate” label (also on page 49) to complete this setting.

EAN128 Parameters

• Code ID Transmission



Enable



< Disable >

• Field Separator



*

Programming Instructions : (1) Read the label. (2) Program the desired character string by reading Hexadecimal Digits on page 50. 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 50) to complete this setting.



Enter Setup

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

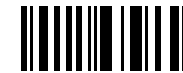


< Disable >

• System Number Transmission



Enable



< Disable >

• Checksum Transmission



< Enable >



Disable



Enter Setup

EAN13 Parameters

• ISBN Conversion



Enable



< Disable >

• ISSN Conversion



Enable



< Disable >

• Checksum Transmission



< Enable >



Disable

RSS Code ID Selection



]C1



<]e0 >

RSS14 Parameters

• Code ID Transmission



< Enable >



Disable

• Application ID Transmission



< Enable >



Disable

• Checksum Transmission



< Enable >



Disable



Update



Enter Setup

RSS Limited Parameters

• Code ID Transmission



< Enable >



Disable

• Application ID Transmission



< Enable >



Disable

• Checksum Transmission



< Enable >



Disable

RSS Limited Parameters

• Code ID Transmission



< Enable >



Disable

Activate Editing Formats

• Format 1



Enable



< Disable >

• Format 2



Enable



< Disable >

• Format 3



Enable



< Disable >

• Exclusive Data Editing



Yes



< No >



Update

35

36



Enter Setup

Editing Format Parameters

• Format Selection



Format 1



Format 3



Format 2

• 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 49. (3) Read the “Validate” label (also on page 49) 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 50. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 50) to complete this setting.

• Location of Matching String



*

Programming Instructions : (1) Read the label. (2) Program the desired location by reading Decimal Digits on page 49. (3) Read the “Validate” label (also on page 49) to complete this setting.



Update



• Total Number of Fields



1



2



3



4



5



6

• Applicable Code Type



All



Code 39



French Pharmacode



Interleave 25



Codebar



Code 128



UPCE No Addon



UPCE Addon5



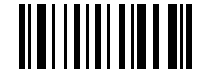
EAN8 Addon2



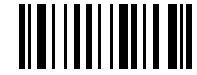
Clear



Italy Pharmacode



Industrial 25



Matrix 25



Code 93



EAN128 / RSS



UPCE Addon2



EAN8 No Addon



EAN8 Addon5



Update

39

40



End of Format Programming



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 50. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 50) 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 49. (3) Read the “Validate” label (also on page 49) to complete this setting.



Update



End of Format Programming

• 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 50. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 50) 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 49. (3) Read the “Validate” label (also on page 49) 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 50. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 50) to complete this setting.



Include Terminating String



Discard Terminating String

Divide Field by Field Length



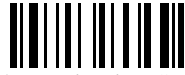
Field Length *

Programming Instructions : (1) Read the label. (2) Program the desired length by reading Decimal Digits on page 49. (3) Read the “Validate” label (also on page 49) to complete this setting.



• 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 50. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 50) 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 49. (3) Read the “Validate” label (also on page 49) 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 50. One character consists of 2 hexadecimal digits. (3) Read the “Validate” label (also on page 50) 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 49. (3) Read the “Validate” label (also on page 49) to complete this setting.



Update



End of Format Programming

• 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 50. 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 50) to complete this setting.

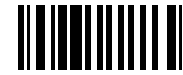


Update

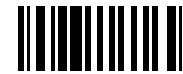
• Field Transmission Sequence



Start



Field 1



Field 2



Field 3



Field 4



Field 5



Field 6



End



Additional Field 1



Additional Field 2



Additional Field 3



Additional Field 4



Additional Field 5

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.



End of Format Programming

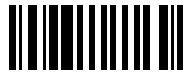
Decimal Digits



0



1



2



3



4



5



6



7



8



9

• Validate



Hexadecimal Digits



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F

• Validate



Update



Enter Setup

Key Type



< Normal >



Scan Code

Key Status



Add Shift



Add Alternate (L)



Add Alternate (R)



Add Control (L)



Add Control (R)

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

51

52



Enter Setup



Update