SlimScan BT™

Full Manual

ASP Microcomputers
14 Business Park Drive,
Notting Hill, Victoria, 3168
Australia
Telephone: (03) 9578-7600
FAX: (03) 9578-7727
email: solutions@asp.com.au
World Wide Web: http://www.asp.com.au

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Contents

How to put the scanner into the cradle correctly

Place the scanner into the cradle as shown below, and press down until the scanner clicks into place.

Package contents

When you first unpack your SlimScan BT, please check the contents of the package against the list below. If any of the items are damaged or missing, please contact ASP or your dealer immediately.

The SlimScan BT package contains:

1 ea.	Bluetooth Laser Scanner
1 ea.	Bluetooth Cradle
1 ea.	9V 1A DC Power Adapter
2 ea.	Ni-MH AA Rechargeable Battery (installed in scanner)
1 ea.	Interface Cable (fits between the cradle and the PC)

Laser Safety

The laser scanner in this product complies with safety standard IEC 60825-1 for a Class 1 Laser Product. It also complies with CDRH as applicable to a Class 11a Laser Product. Avoid long term viewing of the laser beam.

Radiant Energy: The laser scanner uses one low-power visible laser diode operating at 650nm in an opto-mechanical scanner, resulting in less than 3.9µW radiated power as observed through a 7mm aperture and averaged over 10 seconds.

Do not remove or attempt to remove the protective housing of the scanner - unprotected laser light with a peak output power of 0.8mW may be accessible inside.

Laser Light Viewing: The scanning window is the only aperture through which laser light may be observed from this product. A failure of the scanner motor, while the laser diode continues to emit a laser beam, may cause emission levels to exceed those of safe operation. The scanner has safeguards to prevent this occurrence. If, however, a stationary laser beam is emitted, the scanner should be disconnected from its power source immediately.

Adjustments: Do not attempt to make any adjustments or alterations to this product. Do not remove the protective housing of the scanner. There are no user-serviceable parts inside this unit.

Caution: Use of controls or adjustments or performing procedures other than those specified in this manual may result in hazardous laser light exposure.

Optical: The use of optical instruments with this product will increase the eye hazard. Optical instruments include binoculars, magnifying glasses and microscopes, but do not include normal eye glasses worn by the operator.

General information

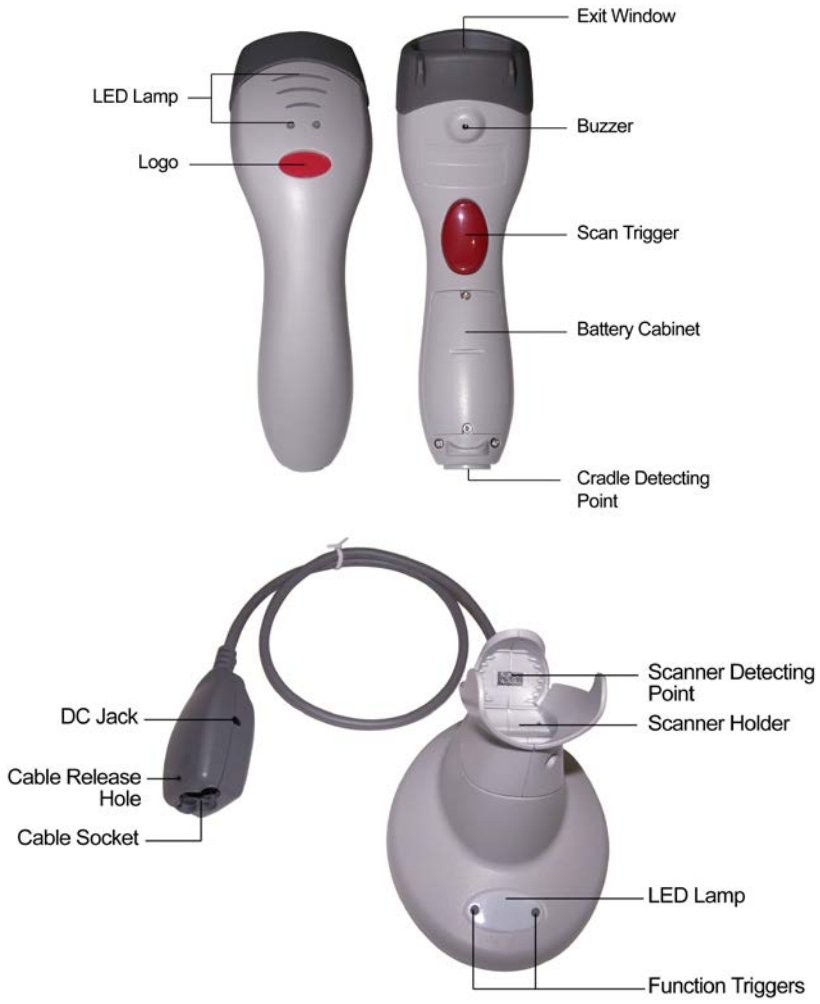
Introduction

Meet the SlimScan BT - ASP's latest high performance Bluetooth scanner. This sleek and stylish "single-line" laser scanner offers total freedom of movement. Suitable for a wide range of applications and environments, you'll be delighted by its performance and ease of use.

In its cradle, the SlimScan BT is a versatile hands-free scanner. Removed from the cradle, it becomes a handheld cordless scanner with a range of up to 75 metres.

The cradle plugs into your PC and the scanner communicates to the cradle wirelessly via Bluetooth. The SlimScan BT has 32Kb of flash memory, so if you move out of range, the scanner can be configured to store the data until you come back into range.

Lightweight, yet durable and streamlined, the ASP SlimScan BT delivers hassle-free operation, even during peak use. Its scanning sensitivity and accuracy really helps with worn or difficult to read barcodes. The SlimScan BT is available in black (or beige on special order), and also as a corded (non-Bluetooth) model.



Quick installation for busy people

Your SlimScan BT has already been configured for you by ASP. To connect it to your PC, just follow the steps below:

1. Connect the USB interface cable to the cradle cable (see page 6). Do not connect the other end to your PC yet.
2. Connect the power supply to the cradle cable and plug it into the mains. The indicator on the cradle will light up red for a second or two.
3. The indicator on the cradle will then begin flashing blue, indicating that the cradle is trying to pair with the scanner.
4. Put the scanner into the cradle (see page 7). The following will occur:
    a. The cradle indicator will light up red briefly, then return to flashing blue.
    b. The green indicator on the scanner will light briefly and then go out again.
    c. The scanner will sound a short high beep.
    d. The blue indicators on the scanner will flash in sequence.
    e. The green indicator on the scanner will light again.
    f. The scanner will beep.
    g. Finally, the cradle indicator will show continuous blue, indicating that the scanner and cradle are paired.
5. The scanner may now start sounding two quick high beeps every few seconds – this just means that the batteries are low and need charging.
6. Press either of the buttons on the cradle indicator. The cradle indicator will show red briefly, then return to blue. The red indicator on the scanner will light, signalling that the scanner battery is being charged.
7. Plug the USB cable into your PC, then wait a few seconds for your PC to detect the new USB connection and load the drivers.

Your SlimScan BT is now ready to scan! You can use it as a hands-free scanner right away, but you should wait at least a few hours for the batteries to charge before using it as a cordless scanner.

In the rest of this manual, we'll describe the features of the scanner and configuration options in detail.

Scanning

There are two ways to operate the SlimScan BT.

Hands-free scanning in cradle

When the scanner is in its cradle, it operates in hands-free mode. Just bring a barcode into the scanning zone, and the scanner will automatically turn on and scan the barcode (as shown below).

Cordless hand-held scanning

Once you remove the scanner from its cradle, you can use it in cordless handheld scanning mode. Simply aim the scanner at a barcode label and push the scanner trigger to scan (as shown below).

Note that best scanning results are usually obtained by tilting the scanner up or down a little – reflections can affect the scanning performance

Data transfer modes

The SlimScan BT supports the following four data transfer modes. Using the programming barcodes later in this manual, you can change the data transfer mode to suit your preference.

Normal (default)

In this mode, the scanner does not store data. When the scanner is within Bluetooth connection range, scanned data is transferred to the PC immediately, and a good beep sound is emitted. If the scanner is out of range and a barcode is scanned, the scanner sounds four high-tone beeps, indicating a data transfer error. This scan will be lost.

Out-of-range mode

The scanner operates normally when in range of the cradle. If the scanner is out of range and a barcode is scanned, the scanner will flash the blue LED bars to indicate barcode reading success, but will sound four high-tone beeps to indicate that it is out of range.

The scanner will then store the barcode data into memory, and flash the green LED twice per second. When scanner comes back into communication range, stored data is sent when the next barcode is scanned. When the stored data is sent to the PC, a medium-tone is sounded to indicate that the data was transmitted successfully.

Standard batch mode

In this mode, all scanned data is stored into memory, whether the scanner is within communication range or not. Stored data is transferred to the PC only after the "**Send Batch Data**" barcode is scanned.

Cradle contact batch mode

This mode is the same as Standard Batch Mode, except that scanned data is transferred to the PC when the scanner is put into the cradle.

When the scanner is snapped into the cradle, a short-tone beep will sound to confirm that the scanner is fitted into the cradle correctly, then the blue scanner LED bars will flash three times and then stay on while the data is being transferred. Once the transfer is completed, a long medium-tone beep will sound.

Note that in this mode, the scanner does not need to be paired with the cradle to transfer the scanned data. This means that more than one scanner can be downloaded using just one cradle.

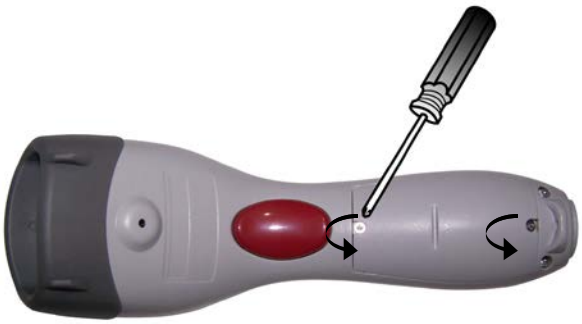
Note: After scanned data is transferred to the PC, the scanner automatically clears the data from the scanner memory.

Installing the batteries

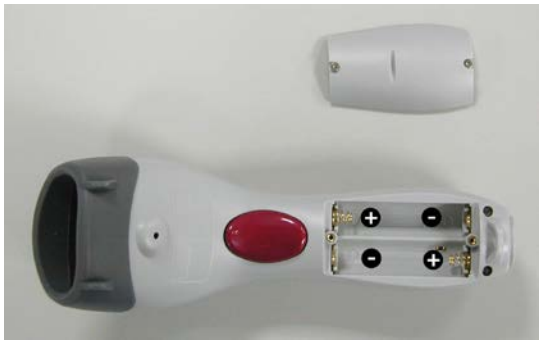
The scanner batteries have already been charged and fitted to your SlimScan unit for you. If you need to fit (or replace) the batteries, please follow this procedure.

Note: Most battery problems are caused by incorrect charging. **DO NOT** replace the batteries unless you're advised to do so by the ASP service department!

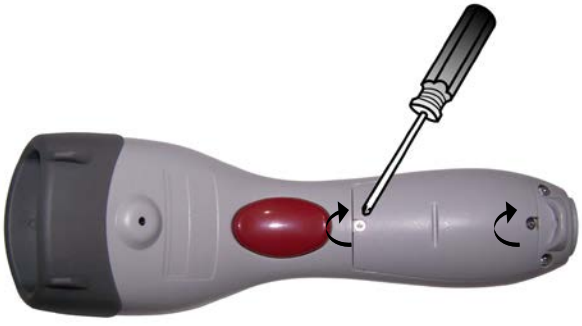
To open the battery compartment, loosen the two screws enough to remove the battery cover, as shown below. Note that it's not necessary to fully remove the screws.



Paying careful attention to the + and – signs inside the battery compartment, fit the battery one at a time, as shown below. Note that fitting the batteries incorrectly can damage the scanner and/or the batteries – such damage will not be covered under warranty.



Put back the battery cover, and tighten the screws.



Attaching the interface cable to the cradle

The SlimScan BT can connect to your PC via USB, Keyboard Wedge, or RS-232. The most common and convenient method is USB.

USB Cable

Keyboard Wedge Cable

RS-232 Cable

To connect the supplied interface cable to your cradle, just push the RJ45 connector into the cradle cable box until you hear a clear and short “click” sound.

If you need to change from one interface cable to another, locate the hole in cradle cable box, as shown below. Push a bent paperclip into the hole while using your other hand to gently and slowly pull out the interface cable to release it. Then, just plug in the replacement cable.

Note: If you change to a different type of interface cable, you will need to reconfigure your scanner, using the programming barcodes.

Now connect the plug pack power supply to the cradle cable box, and connect it to mains power.

Once cradle powers up, the LED on the base will light up red for a second, then start flashing blue – this means that the cradle is waiting to connect to the scanner. Once the scanner “pairs” with the cradle, the blue LED will cease flashing and remain on.

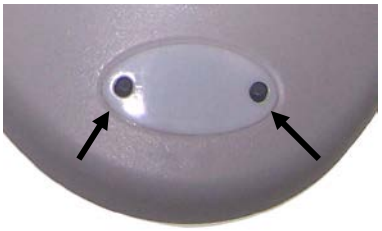
Charging the batteries

First, make sure that the plug pack power supply is connected to the cradle cable box, and plugged into the mains.

Then, place the scanner into the cradle as shown below, and press down until the scanner clicks into place.

The scanner will sound a short beep after a few seconds when it's correctly seated in the cradle.

To start charging, press either of the small buttons at the side of LED indicator on the base (as shown below). The red LED on the scanner will light to show that it is being charged.



Why doesn't the scanner charge automatically?

Battery life depends on the number of times the batteries are charged, so we recommend charging the batteries only when they need it, rather than every time the scanner is placed in the cradle.

If you'd rather automatically charge the batteries every time the scanner is placed into the cradle, you'll find barcodes to configure the scanner that way in the programming section of this manual.

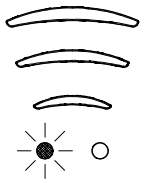
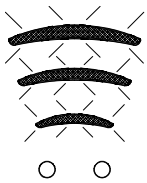
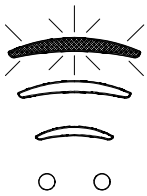
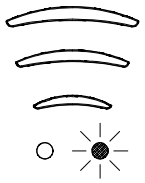
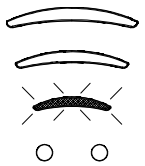
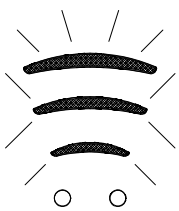
Note: you should charge the batteries for at least six hours before using the scanner for the first time.

The scanner should run for at least eight hours continuously per charge.

Scanner and cradle indicators and beeps

The scanner and the cradle both feature various LED indicators, assisting you to understand their operating status. The three tables on this and the following page describe the various combinations.

Scanner indicators

LED Illustration	Indication
	**Green LED** **Flashing once per second** - The scanner is trying to pair with the host, or pairing has been lost. **Flashing twice per second** - The scanner is in **Out-of-Range mode**, and the scanner is trying to connection with the host, or the connection has been lost. **Constantly on** - The scanner is paired.
	**Blue LED bars** **One flash** – A barcode has been decoded, and is either transferred to the PC or saved in memory by the scanner. **Constantly on** - The scanner is in **Programming Mode**.
	**First blue LED bar is constantly on** - The scanner is either in **Standard Batch Mode** or in **Cradle Contact Batch Mode**.
	**Red LED is constantly on** - When the scanner is in the cradle, it indicates the scanner is under charging.
	**Third blue LED bar is constantly on** - when the scanner is in the cradle, this indicates that charging is complete.
	**Blue LED bars** **Constantly on** - The scanner is transferring data to the PC and is in either **Standard Batch Mode** or **Cradle Contact Batch Mode**. **Two flashes every 3 seconds** - The scanner has a low battery

Scanner beeps

The scanner emits various beeper sounds to signal its operating status. The table below details these beeper sounds.

Beep Sound	Indication
Single beep	Good decode, and data is either transferred to the PC or saved in the memory.
2 short high beeps	Low battery warning.
3 short low beeps	The flash memory is full.
2 long high beeps	The scanner has completed data transfer in either **Standard Batch Mode** or **Cradle Contact Batch Mode**.
4 short high beeps	An error has occurred – for example, the scanner can't send the data to the PC, or the pairing is lost, etc.
Low to high beeps	A Bluetooth connection has been made.
Short high-low-high beeps	Start pairing
Short medium and long low beeps	Powering off

Cradle indicator

The cradle base contains a large indicator on the base. The colour of this indicator, and whether it's flashing or constantly lit, indicates these conditions:

LED state	Indication
LED flashes BLUE	The cradle is waiting to pair.
LED constantly BLUE	The cradle is paired with the scanner.
LED alternately flashes BLUE and RED	Initialisation of the cradle failed. Turn off the power, wait a few seconds, then turn it on again.
LED flashes RED once	The cradle has received data from the paired scanner.
LED constantly RED	The cradle is in the process of pairing.

Maintenance

The SlimScan BT provides reliable and efficient operation with a minimum of care. Although specific maintenance is not required, to prolong the operating life of the unit, the following information should be taken into consideration.

Cleaning the scanning window and housing

Any visible dirt, dust or scratches on the scanner window will degrade the reading performance. When the scanner is not operating, use a soft cloth or lens tissue and gently wipe the scanning window lens. Do not use abrasive wipes or tissues on the window.

Do not, under any circumstances, spread liquid on the unit or submerge it into liquid.

Never use solvents (acetone, benzene, ether, phenol-based agents, etc) on the housing or window - solvents will damage the housing finish or the window.

Inspect interface cables

Regularly inspect the interface cables and connectors - a badly worn or damaged cable or connecters may affect scanning. Contact your distributor if you think your cable may need replacing.

Batteries

The lifetime of rechargeable batteries depends largely on the number of times the batteries are recharged. Hence, we recommend that you use the default setting which is to charge only by pressing button on the cradle.

In general, we recommend that you charge the scanner at the end of a day's work, or when the scanner requires charging. Do not charge the scanner when it doesn't need it.

Configuration and Programming Guide

The SlimScan BT is designed so that the configuration can be changed by scanning a series of special bar code labels. The configuration will not be lost when the power is removed from the scanner.

Configuration

To change a parameter, scan the "**Start Configuration**" barcode at the top of any page, followed by the desired configuration barcodes, and finally the "**End Configuration**" barcode at the bottom of any page to save the new settings and return to normal operation.

Default settings are highlighted in bold with an arrow.

STOP!

You probably don't need to scan *any* of these barcodes!

These configuration barcodes can dramatically change the way your SlimScan BT works. It's quite possible for you to end up with a scanner that doesn't work if you scan the wrong configuration barcodes, or change many of these options.

If you get yourself into this situation, the easiest way to recover is to scan these barcodes from the next page:

1. **Start Configuration**
2. **Return scanner to factory defaults**
3. **Return cradle to factory defaults**
4. **End Configuration**

Once you've scanned these four barcodes, your SlimScan BT should be working again.

Basic options

	**Start Configuration**

 Return scanner to factory defaults

 Return cradle to factory defaults

 Display firmware version

 USB default

 RS232 default

 IBM PC/AT/PS/2 Keyboard emulation default

 Abort
(Exit programming mode without any changes)

	**End Configuration**

Mode options

Start Configuration

Cradle mode

➔ **Cradle Host mode enabled**

➔ **Pairing on cradle enabled**

Pairing on cradle disabled

➔ **Unlock pairing mode**

Lock pairing mode

Undo pairing

Charging on cradle always
(Batteries will charge whenever scanner is on cradle)

➔ **Charging only by pressing button on cradle**

End Configuration

Start Configuration

Batch Mode

➔ Normal data transfer mode

Out of range buffer mode

Standard batch mode

Cradle contact batch mode

Send batch data by scanning this label

Clear batch data

➔ Clear batch data after send

Confirm above “Clear batch data after send” label

Clear batch data by scanning “Clear batch data” label

➔ Send batch data on cradle contact

Send batch data by trigger press on cradle contact

➔ Out of range resend data with beeper

Out of range resend data without beeper

End Configuration

Operational settings

Start Configuration

Good Read Beeper Tone Selection

Medium beeper tone

➔ **High beeper tone**

Low beeper tone

Beeper disable

Beeper Sound Selection

Long

➔ **Medium**

Short

Ultra short

Ultra long

End Configuration

Interface options

USB options

Start Configuration

USB interface

International Keyboard mode.(ALT method)

➔ **Keyboard language support — USA**

Keyboard language support — GERMANY

Keyboard language support — FRENCH send scan code

Keyboard language support — SPANISH send scan code

Keyboard language support — Japanese

USB Message Terminator

➔ **Keyboard terminator — Enter**

Keyboard terminator —Tab

Keyboard terminator — none

End Configuration

Keyboard wedge options

Start Configuration

Caps lock on

➔ **Caps lock off**

Enable function key emulation

➔ **Disable function key emulation**

➔ **Send numbers as normal data**

Send numbers as keypad data

Keyboard Wedge Output Terminator

➔ **Keyboard terminator — Enter**

Keyboard terminator — Tab

Keyboard terminator — None

End Configuration

RS-232C options

	**Start Configuration**

RS-232 Baud Rate

 115200

 19200

 **➔ 9600**

 4800

 2400

 1200

RS-232 Parity Bits

 **➔ No parity**

 Even parity

 Odd parity

 Mark parity

 Space parity

RS-232 Stop Bits

 **➔ 1 stop bit**

 2 stop bits

	**End Configuration**

Start Configuration

RS-232 Data Bits

➔ 8 data bits

7 data bits

RS-232 Handshaking Protocol

➔ No handshaking

XON/XOFF

RTS/CTS

End Configuration

Start Configuration

Enable Beeper on <BEL> character

➔ **Ignore Beeper on <BEL> character**

RS-232 Message Terminator

➔ **RS-232 message terminator — CR/LF**

RS-232 message terminator — CR

RS-232 message terminator — LF

RS-232 message terminator — Tab

RS-232 message terminator — STX/ETX

RS-232 message terminator — EOT

RS-232 message terminator — none

End Configuration

Barcode symbology Options

The configuration barcodes in the following section allow you to set various options for individual barcode symbologies. Most options should be clear, but a few need further explanation.

Setting min and max barcode length

The minimum and maximum length options can only be set individually for each barcode symbology.

1. Scan the **Start Configuration** barcode at the top of the page.
2. Scan the **Set minimum length** or **Set maximum length** barcode from the page for the required symbology.
3. Use the ASCII digits 0 to 9 from the ***Full ASCII Code 39 Table*** on page 36 (in the right column) to set the length. For example, to set a length of **6**, just scan the **ASCII 6 (hex code 36)** barcode. To set a length of **14**, scan the **ASCII 1 (hex code 31)** then the **ASCII 4 (hex code 34)** barcodes.
4. Scan the **Save minimum/maximum length setting** barcode.
5. Scan the **End Configuration** barcode at the bottom of the page.

Note: If you set the minimum and maximum lengths to the same value, the scanner will **only** read barcodes of that length for that symbology and **no others**.

Setting prefix and/or suffix characters

A common requirement is to add a prefix or a suffix to each barcode scanned. Note that prefix and suffix characters are global – that is, they affect all barcode symbologies at once.

1. Scan the **Start Configuration** barcode at the top of the page.
2. Scan the **Set prefix** or **Set suffix** barcode (on page 34).
3. Use the ***Full ASCII Code 39 Table*** on page 36 to set the prefix or suffix char. For example, to set a **tilde ~**, scan the **ASCII ~ (hex code 7E)** barcode from the end of the right column on page 38. Or, to set a **tab**, scan the **HT Function key "TAB" (hex code 09)** barcode from the left column on page 35.
4. Scan the **Save prefix/suffix settings** barcode (on page 34).
5. Scan the **End Configuration** barcode at the bottom of the page.

Code 39 options

Start Configuration

Code 39 Options

➔ **Code 39 enable**

Code 39 disable

Enable full ASCII Code 39

➔ **Do not output start/stop characters**

Output start/stop characters

➔ **No check character**

Calculate and transmit Code 39 check character

Calculate Code 39 check character but do not transmit

End Configuration

Start Configuration

Code 39 options (continued)

Set Code 39 minimum length

Set Code 39 maximum length

Save minimum/maximum length setting

Enable Code 39 concatenation

➔ **Disable Code 39 concatenation**

End Configuration

Codabar options

Start Configuration

Codabar options

Codabar enable

➔ **Codabar disable**

➔ **Transmit A,B,C,D as start/stop characters**

Transmit a/t, b/n, c/*,or d/e as start/stop characters

Transmit DC1-DC4 as start/stop characters

Do not transmit start/stop characters

Set Codabar minimum length

Set Codabar maximum length

Save minimum/maximum length setting

End Configuration

Start Configuration

Codabar options (continued)

Enable Codabar concatenation

➔ **Disable Codabar concatenation**

Validate and transmit modulo 16 check-digit

Validate modulo 16 check-digit, but don't transmit

➔ **No check character**

End Configuration

Code 93 options

Start Configuration

Code 93 options

➔ **Code 93 enable**

Code 93 disable

Set Code 93 minimum length

Set Code 93 maximum length

Save minimum/maximum length setting

➔ **Calculate check digit, but do not transmit**

Do not calculate check digit, and do not transmit

Calculate and transmit check digit

End Configuration

Code 128 and EAN-128 options

Start Configuration

Code 128 options

➔ **Code 128 enable**

Code 128 disable

EAN 128 enable

➔ **EAN 128 disable**

Enable Code128 FNC2 concatenation

➔ **Disable Code128 FNC2 concatenation**

Set Code 128 minimum length

Set Code 128 maximum length

Save minimum/maximum length setting

End Configuration

MSI/Plessey options

Start Configuration

MSI/Plessey options

MSI enable

➔ **MSI disable**

Set MSI/Plessey minimum length

Set MSI/Plessey maximum length

Save minimum/maximum length setting

➔ **Calculate double check digit, but do not transmit**

Calculate double check digit calculate, and transmit both

Do not calculate double check digit, but transmit both

Calculate double check digit, but only transmit first digit

Calculate single check digit, but do not transmit

Calculate single check digit calculate and transmit

End Configuration

ITF options

Start Configuration

Interleaved 2 of 5 (ITF) options

➔ **ITF enable**

ITF disable

Calculate check digit and transmit

Calculate check digit, but do not transmit

➔ **No check digit**

One fixed length setting

Two fixed length setting

Variable length

Set ITF minimum length

Set ITF maximum length

Save minimum/maximum length setting

End Configuration

IATA options

Start Configuration

IATA options

IATA enable

IATA disable

End Configuration

UPC/EAN options

Start Configuration

UPC/EAN options

Enable ISSN/ISBN conversion

➔ **Disable ISSN/ISBN conversion**

➔ **Enable all UPC/EAN codes**

Enable EAN-8

Enable UPC-A and EAN-13

Enable EAN-8 or EAN-13

Enable UPC-A and UPC-E

Enable UPC-E

Enable EAN-13

Enable UPC-A

End Configuration

Start Configuration

UPC/EAN options (continued)

Enable UPC-A to EAN-13 conversion

➔ **Disable UPC-A to EAN-13 conversion**

➔ **Transmit UPC-A check digit**

Do not transmit UPC-A check digit

➔ **Transmit UPC-E check digit**

Do not transmit UPC-E check digit

➔ **Transmit UPC-E leading character**

Do not transmit UPC-E leading character

➔ **Transmit UPC-A leading character**

Do not transmit UPC-A leading character

➔ **Transmit EAN-13 check digit**

Do not transmit EAN-13 check digit

➔ **Transmit EAN-8 check digit**

Do not transmit EAN-8 check digit

End Configuration

Start Configuration

UPC/EAN options (continued)

Convert UPC-E to UPC-A

➔ **Do not convert UPC-E to UPC-A**

Convert EAN-8 to EAN-13

➔ **Do not convert EAN-8 to EAN-13**

EAN-13 country code first “0” is transmitted

➔ **EAN-13 country code first”0” is not transmitted**

End Configuration

Data Editing

Prefix and Suffix

Start Configuration

Prefix and Suffix

Prefix (sometimes called header or preamble)

Suffix (sometimes called trailer or postamble)

Truncate header character

Truncate trailer character

Save prefix/suffix settings

End Configuration

Full ASCII Code 39 Table

Start Configuration

Full ASCII Code 39 Table

Code 39	ASCII	Hex Code	Code 39	ASCII	Hex Code
	NUL	00		DLE Function key “5 (num)”	10
	SOH Function key “Ins”	01		DC1 Function key “F1”	11
	STX Function key “Del”	02		DC2 Function key “F2”	12
	ETX Function key “Home”	03		DC3 Function key “F3”	13
	EOT Function key “End”	04		DC4 Function key “F4”	14
	ENQ Function key “Up arrow”	05		NAK Function key “F5”	15
	ACK Function key “Down arrow”	06		SYN Function key “F6”	16
	BEL Function key “Left arrow”	07		ETB Function key “F7”	17
	BS Function key “Backspace”	08		CAN Function key “F8”	18
	HT Function key “TAB”	09		EN Function key “F9”	19
	LF Function key “Enter (alpha)”	0A		SUB Function key “F10”	1A
	VT Function key “right arrow”	0B		ESC Function key “F11”	1B
	FF Function key “PgUp”	0C		FS Function key “F12”	1C
	CR Function key “Enter (num)”	0D		GS Function key “ESC”	1D
	SO Function key “PgDn”	0E		RS Function key “CTL(L)”	1E
	SI Function key “Shift”	0F		US Function key “ALT(L)”	1F

End Configuration

	Start Configuration

Full ASCII Code 39 Table (continued)

Code 39	ASCII	Hex Code	Code 39	ASCII	Hex Code
	SP	20		0	30
	!	21		1	31
	“	22		2	32
	#	23		3	33
	$	24		4	34
	%	25		5	35
	&	26		6	36
	‘	27		7	37
	(	28		8	38
	)	29		9	39
	*	2A		:	3A
	+	2B		;	3B
	,	2C		<	3C
	-	2D		=	3D
	.	2E		>	3E
	/	2F		?	3F

	End Configuration

	Start Configuration

Full ASCII Code 39 Table (continued)

Barcode	ASCII	Hex Code	Barcode	ASCII	Hex Code
	@	40		P	50
	A	41		Q	51
	B	42		R	52
	C	43		S	53
	D	44		T	54
	E	45		U	55
	F	46		V	56
	G	47		W	57
	H	48		X	58
	I	49		Y	59
	J	4A		Z	5A
	K	4B		[	5B
	L	4C		\	5C
	M	4D		]	5D
	N	4E		^	5E
	O	4F		_	5F

	End Configuration


Start Configuration

Full ASCII Code 39 Table (continued)

Code 39	ASCII	Hex Code	Code 39	ASCII	Hex Code
	`	60		p	70
	a	61		q	71
	b	62		r	72
	c	63		s	73
	d	64		t	74
	e	65		u	75
	f	66		v	76
	g	67		w	77
	h	68		x	78
	i	69		y	79
	j	6A		z	7A
	k	6B		{	7B
	l	6C		|	7C
	m	6D		}	7D
	n	6E		~	7E
	o	6F		DEL	7F


End Configuration

Copyright, License, and Limited Warranty

To the extent permitted by law, ASP's warranty in respect of SlimScan BT and its use is limited to correction of defects due to faulty components or workmanship for a period of three years from the date of purchase. This warranty does not extend to batteries or cables, and does not cover wear and tear to products.

This warranty is in lieu of other warranties express or implied including but not limited to the implied warranties of merchantability and fitness for purpose. In no event will ASP Microcomputers be liable for damages including loss of profits or other consequential damages arising out of use or inability to use the products.

This limited warranty gives you specific legal rights. Some states give other rights and/or do not allow excluding or limiting implied warranties or limiting liability for consequential damages. Accordingly, the above limitations/exclusions may not apply to you. If any provision of this agreement shall be void unlawful or unenforceable then that provision shall be severable without affecting the validity of remaining provisions. This agreement is governed by the law of Victoria, Australia.

It is your responsibility to carefully pack any unit being returned for service, warranty or otherwise, and pay shipping charges to your dealer location or ASP. Units sent freight collect will not be accepted. Freight back to you will be paid by ASP in the case of warranty repairs.

How to put the scanner into the cradle correctly

Place the scanner into the cradle as shown below, and press down until the scanner clicks into place.