



**SCANNY**

## CONFIGURATION MANUAL

# INTRODUCTION

**SCANNDY devices provide an accurate, easy and fast method of data entry and data storage for computerized information systems.**

The products we offered can be integrated into any host computer system by the following ways:

RS-232C serial  
RS485 (via Cradle)  
Keyboard Wedge (via Cradle)  
USB  
Ethernet (via Cradle)  
Bluetooth  
GPRS/ GSM  
Wireless LAN 802.11b  
NFC  
OTHERS

All the operating parameters can be programmed by barcode programming menu and stored in non-volatile RAM.

**For functions which are not listed in this menu, please contact the PANMOBIL Support Team:**

advanced PANMOBIL Systems GmbH & Co. KG  
Hansestr. 91  
51149 Cologne  
Germany

Phone: +49 (0)22 03 10 334 777  
Fax: +49 (0)22 03 10 334 720  
E-Mail: [Info@PANMOBIL.com](mailto:Info@PANMOBIL.com)  
Web Address: [www.PANMOBIL.com](http://www.PANMOBIL.com)

## NOTES

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1. Options marked by {} are only available for some models.
2. Factory default values are indicated by < >.

## TABLE OF CONTENTS

1.	SETUP PROCEDURE	4
2.	CONFIGURATION FLOWCHART	5
3.	ENABLE / DISABLE BARCODE SYMBOLOGIES	6
4.	CODE 39 SETTINGS	10
5.	CODABAR	11
6.	INTERLEAVED 2 OF 5	13
7.	EAN – 13 / EAN –8	14
7.1	EAN – 8	14
7.2	EAN – 13	14
8.	UPC - E	15
9.	RS232 PARAMETERS	16
10.	ASCII CODE CONFIGURATION	17
11.	ASCII CODE TABLE	18
12.	HEXADECIMAL LABELS	19

# 1. SETUP PROCEDURE

The SCANNDY unit can be configured to fit into user's specific application.  
The configuration parameters are stored in a non-volatile memory which is retained even if power is lost.

To configure your SCANNDY by scanning configuration barcodes, please proceed the following steps.

- 1) Locate the START CONFIGURATION barcode on page 5 to set the SCANNDY unit into SETUP mode.
- 2) Scan the labels representing the parameter to be changed. You can set up various parameters within one setup procedure.
- 3) Scan the END CONFIGURATION barcode on page 5 to save the changed parameters and exit the setup mode.

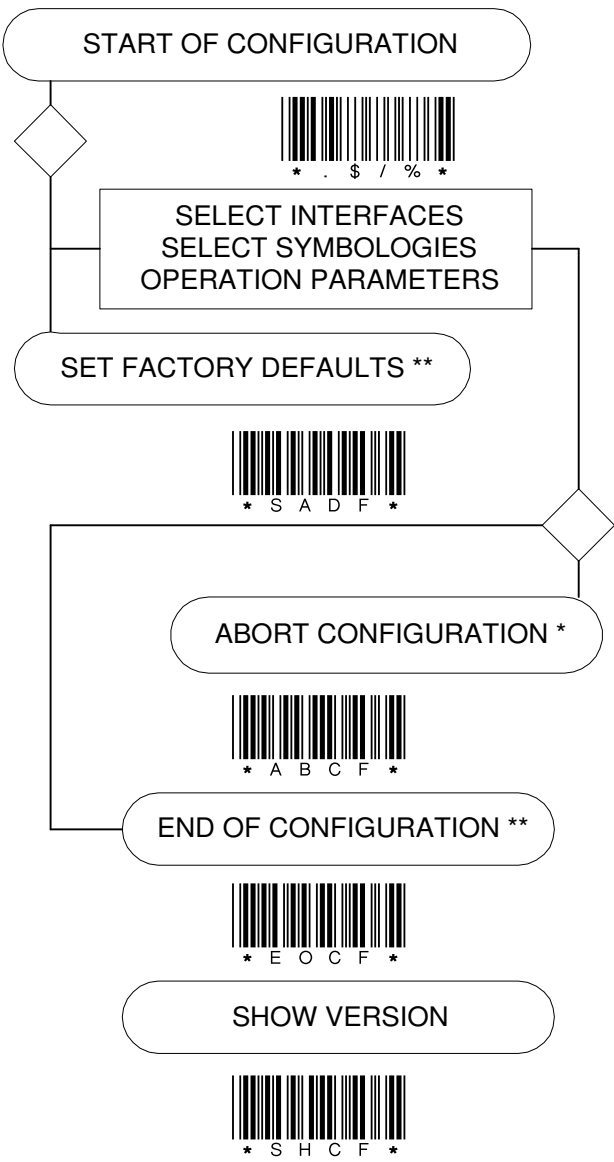
Example: Enable reading of Code 39

- 1) Scan the START CONFIGURATION barcode on page 5 to enter the setup mode.
- 2) Scan the STANDARD barcode for Code 39 type selection "ON" on page 9 to activate the Code 39 type reading.
- 3) Scan the END CONFIGURATION barcode on page 5 to save and exit the setup mode.

## NOTE:

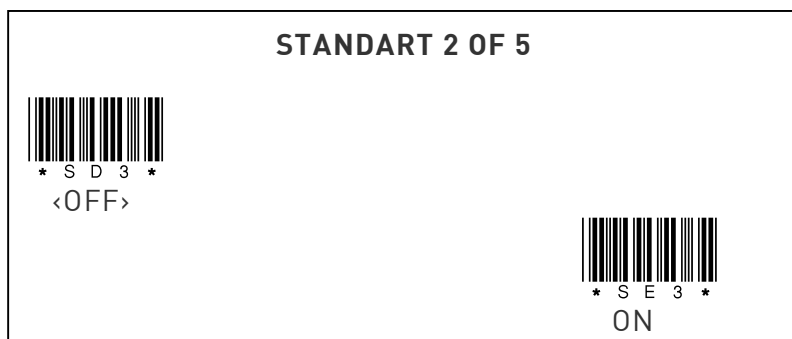
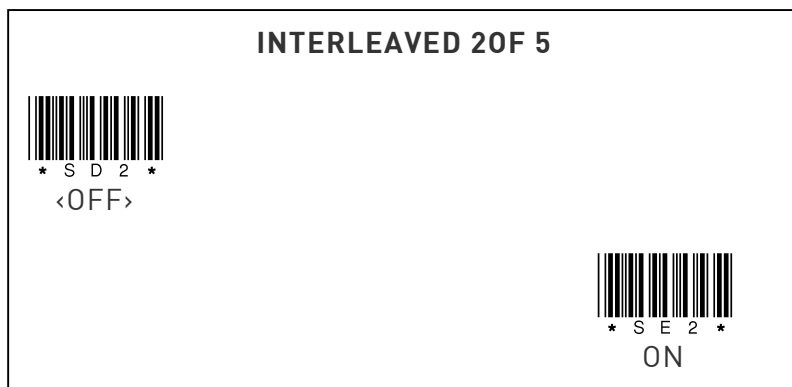
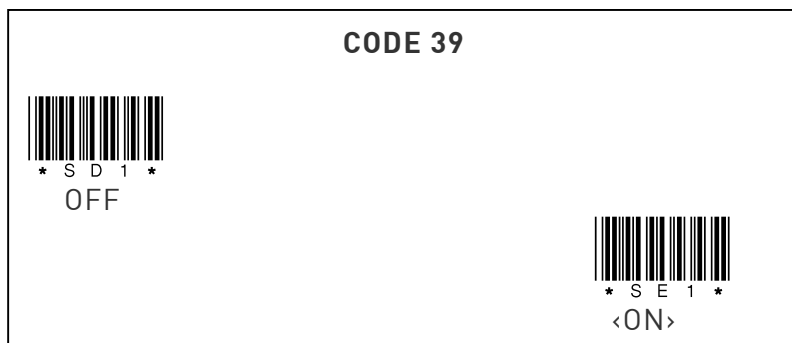
You can abort the actual configuration procedure by scanning the ABORT CONFIGURATION barcode on page 5. All changed parameters will be set back to the values they had before you start the configuration procedure.

## 2. CONFIGURATION FLOWCHART



### 3. ENABLE / DISABLE BARCODE SYMBOLOGIES

Use this section to program the scanner for industrial and retail symbology selection. In this programming section you can simply enable or disable barcode symbologies by scanning the code specific barcode to either switch the symbology ON or OFF.



### MATRIX 2 OF 5



\* S D 4 \*

<OFF>



\* S E 4 \*

ON

### CODABAR



\* S D 5 \*

OFF



\* S E 5 \*

<ON>

### EAN - 8



\* S D 7 \*

OFF



\* S E 7 \*

<ON>

### EAN - 13 / UPC-A



\* S D 6 \*


OFF



\* S E 6 \*


<ON>

**UPC - E**



\* S D 8 \*


OFF



\* S E 8 \*


<ON>

**ISBN / ISSN**



\* S D F \*


<OFF>



\* S E F \*


ON

**EAN/UPC ADDON 2/5**



\* S D 9 \*


<OFF>



\* S E 9 \*


ON

**CODE 128**



\* S D A \*

OFF



\* S E A \*

<ON>

### CODE 93



\* S D B \*

<OFF>



\* S E B \*

ON

### CHINESE 2 OF 5



\* S D E \*

<OFF>



\* S E E \*

ON

### EAN 8 TO EAN 13



\* A H 6 \*

<OFF>




\* A H 5 \*


ON

# 4. CODE 39 SETTINGS

If Full ASCII Code 39 decoding is enabled, certain character pairs within the barcode symbology will be interpreted as a single character. For example: \$C will be decoded as the ASCII character ETX.


CODE 39 TYPE


  
\* A A 1 \*  
STANDARD

  
\* A A 2 \*  
<FULL ASCII>

Start/stop characters identify the leading end trailing ends of the barcode. You may either transmit, or not transmit start/stop characters.

TRANSMIT START/STOP CHAR

  
\* A A 3 \*  
<OFF>

  
\* A A 4 \*  
ON


When verify checksum is switched ON the unit will only read Code 39 barcodes printed with a check character and verifies the printed check characters internally. You can also specify to transmit the check character by switching the TRANSMIT CHECK CHAR option to ON.


VERIFY CHECKSUM

  
\* A A 5 \*  
<OFF>

  
\* A A 6 \*  
ON







TRANSMIT CHECK CHAR

  
\* A A 7 \*  
<OFF>



  
\* A A 8 \*  
ON

# 5. CODABAR



Start/stop characters identify the leading end trailing ends of the barcode. You may either transmit, or not transmit start/stop characters.

TRANSMIT START/STOP CHAR	
 * A E 1 * <OFF>	 * A E 2 * ON
TYPE OF START/STOP	
 * A E 3 * ABCD/ABCD	 * A E 4 * ABCD/TN*E
 * A E 5 * <abcd/abcd>	 * A E 6 * abcd/tn*e

When verify checksum is switched ON the unit will only read Codabar barcodes printed with a check character and verifies the printed check characters internally. You can also specify to transmit the check character by switching the TRANSMIT CHECK CHAR option to ON.

VERIFY CHECKSUM	
 * A E 9 * <OFF>	 * A E A * ON


  


TRANSMIT CHECK CHAR	
 * A E 7 * <OFF>	 * A E 8 * ON

# 6. INTERLEAVED 2 OF 5


When verify check digit is switched ON the unit will only read interleaved barcodes printed with a check digit and verifies the printed check digit internally. You can also specify to transmit the check digit by switching the TRANSMIT CHECK DIGIT option to ON.


VERIFY CHECK DIGIT

  
\* A B 5 \*  
<OFF>

  
\* A B 6 \*  
ON

TRANSMIT CHECK DIGIT

  
\* A B 3 \*  
<OFF>


  
\* A B 4 \*  
ON

# 7. EAN – 13 / EAN –8

## 7.1 EAN – 13


This selection allows you to specify whether the check digit should be transmitted at the end of the scanned data or not.

TRANSMIT CHECK DIGIT



\* A F 5 \*

OFF




\* A F 6 \*

<ON>


## 7.2 EAN – 8

TRANSMIT CHECK DIGIT



\* A H 3 \*

OFF




\* A H 4 \*

<ON>


This selection allows you to specify whether the check digit should be transmitted at the end of the scanned data or not

TRANSMIT CHECK DIGIT



\* A G 5 \*

OFF




\* A G 6 \*


<ON>

# 8. UPC – E

This selection allows you to specify whether the check digit should be transmitted at the end of the scanned data or not.


TRANSMIT CHECK DIGIT


  
OFF

  
<ON>

This selection expands the UPC – E code to the 12 digit, UPC – A format if switched to ON.

UPC-E TO UPC-A

  
<OFF>

  
ON

# 9. RS232 PARAMETERS

## BAUD RATE

The baud rate specifies the speed of data send from the scanner to the terminal at the specified rate.

The host terminal must be set to the same baud rate as the scanner.

BAUD RATE



\* A L 1 \*

300



\* A L 2 \*

600



\* A L 3 \*

1200



\* A L 4 \*

2400



\* A L 5 \*

4800



\* A L 6 \*

<9600>



\* A L 7 \*

19200



\* A L 8 \*

38400

## 10. ASCII CODE CONFIGURATION

### START CONFIGURATION



### ABORT CONFIGURATION



### END CONFIGURATION



## 11. ASCII CODE TABLE

H L	0	1	2	3	4	5	6	7
0	NUL	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

## 12. HEXADECIMAL LABELS



0



1



3



2



4



6



5



7



9



8



A



B



F



SET