

MODEL 4000 READER SETUP MENU (VERSION 1.0)

START



- 1) SCAN **START** TO PUT THE READER IN PROGRAM MODE.
- 2) SCAN THE **CATEGORY** BAR CODE (i.e. CODE 39, BEEP TONE).
- 3) SCAN THE **OPTION (0-9)** NUMBER.
- 4) IF **OPTION** TYPE (ON/OFF) THEN SCAN EITHER **ON** OR **OFF**.
IF **OPTION** TYPE (**CHART**) THEN SCAN FROM **FULL ASCII CHART**.
- 5) AFTER COMPLETING ALL CHANGES, SCAN **EXIT (SAVE CHANGES)**.

EXIT (SAVE CHANGES)



<p>CODE 39</p> <ul style="list-style-type: none"> ★0) CODE 39 DECODER (ON/OFF) 1) FULL ASCII (ON/OFF) 2) MOD 43 CHECK DIGIT (ON/OFF) 3) SEND CHECK DIGIT (ON/OFF) 4) CONCATENATE MODE (ON/OFF) 	<p>UPC</p> <ul style="list-style-type: none"> ★0) UPC DECODER (ON/OFF) 1) CONVERT UPC-E TO UPC-A (ON/OFF) 2) CONVERT UPC-A TO EAN-13 (ON/OFF) ★3) SEND UPC-A NUMBER SYSTEM (ON/OFF) ★4) SEND UPC-E NUMBER SYSTEM (ON/OFF) ★5) SEND UPC-A CHECK DIGIT (ON/OFF) ★6) SEND UPC-E CHECK DIGIT (ON/OFF) 	<p>0</p>
<p>EAN</p> <ul style="list-style-type: none"> ★0) EAN DECODER (ON/OFF) 1) ZERO FILL EAN-8 TO EAN-13 (ON/OFF) ★2) SEND EAN-13 COUNTRY CODE (ON/OFF) ★3) SEND EAN-8 COUNTRY CODE (ON/OFF) ★4) SEND EAN-13 CHECK DIGIT (ON/OFF) ★5) SEND EAN-8 CHECK DIGIT (ON/OFF) 6) ISBN CONVERSION (ON/OFF) 	<p>UPC/EAN SUPPLEMENTS</p> <ul style="list-style-type: none"> 0) SUPPLEMENTS DECODER (ON/OFF) ★1) ALLOW 2 DIGIT SUPPLEMENTS (ON/OFF) ★2) ALLOW 5 DIGIT SUPPLEMENTS (ON/OFF) 3) REQUIRE SUPPLEMENTS: ★0=NONE 1=UPC 2=EAN 3=BOOKLAND EAN 4=ALL 4) SEND SEPARATOR SPACE (ON/OFF) 	<p>1</p>
<p>INT. 2 OF 5</p> <ul style="list-style-type: none"> ★0) I 2 OF 5 DECODER (ON/OFF) 1) CHECK DIGIT: ★0=NONE 1=USS 2=OPCC (ON/OFF) 2) SEND CHECK DIGIT (ON/OFF) 3) FIXED LENGTH (ON/OFF) 4) SET FIXED LENGTH #1 (02 - 60) 5) SET FIXED LENGTH #2 (02 - 60) 	<p>CODABAR</p> <ul style="list-style-type: none"> ★0) CODABAR DECODER (ON/OFF) 1) SEND START/STOP (ON/OFF) 2) CLSI FORMATTING (ON/OFF) 3) CLSI CHECK DIGIT (ON/OFF) 	<p>2</p>
<p>CODE 128</p> <ul style="list-style-type: none"> ★0) CODE 128 DECODER (ON/OFF) 1) UCC-128 VERIFICATION (ON/OFF) ★2) SEND MOD 10 CHECK DIGIT (ON/OFF) 	<p>CODE 93</p> <ul style="list-style-type: none"> ★0) CODE 93 DECODER (ON/OFF) 1) CONCATENATE MODE (ON/OFF) 	<p>3</p>
<p>MSI/PLESSEY</p> <ul style="list-style-type: none"> 0) MSI/PLESSEY DECODER (ON/OFF) 1) TWO CHECK DIGITS REQUIRED (ON/OFF) 2) FIRST CHECK DIGIT MOD 11 (ON/OFF) 3) SEND 1ST CHECK DIGIT (ON/OFF) 4) SEND 2ND CHECK DIGIT (ON/OFF) 5) ISBN PLESSEY (ON/OFF) 	<p>CODE 11</p> <ul style="list-style-type: none"> 0) CODE 11 DECODER (ON/OFF) 1) TWO CHECK DIGITS REQUIRED (ON/OFF) 2) SEND 1ST CHECK DIGIT (ON/OFF) 3) SEND 2ND CHECK DIGIT (ON/OFF) 	<p>4</p>
<p>SERIAL PORT</p> <ul style="list-style-type: none"> 0) INTERCHARACTER DELAY (00 - 99 MSEC) 1) PROTOCOL: ★0=NONE 1=XON/XOFF (ON/OFF) 2) SERIAL RESPONSE (ON/OFF) 3) HOST DELAY (00 - 99 SEC) 	<p>BAUD RATE</p> <ul style="list-style-type: none"> 1) 300 2) 600 3) 1200 4) 2400 5) 4800 ★6) 9600 7) 19200 8) 38400 	<p>5</p>
<p>PARITY</p> <ul style="list-style-type: none"> ★0) NONE 1) EVEN 2) ODD 3) MARK 	<p>DATA BITS</p> <ul style="list-style-type: none"> 0) 7 BITS ★1) 8 BITS 	<p>6</p>
<p>PREAMBLE</p> <ul style="list-style-type: none"> 0) ENTER PREAMBLE (CHART) 1) PREAMBLE SEND DELAY (0.0 - 9.9 SEC) 2) ACTIVE TYPES (CHART) A=C39 B=UPC-A C=UPC-E D=EAN-13 E=EAN-8 F=I2OF5 G=CODABAR H=C128 I=C93 J=MSI K=C11 L=ISBN ★ X=ALL 	<p>POSTAMBLE</p> <ul style="list-style-type: none"> 0) ENTER POSTAMBLE (CHART) 1) POSTAMBLE SEND DELAY (0.0 - 9.9 SEC) 2) ACTIVE TYPES (CHART) A=C39 B=UPC-A C=UPC-E D=EAN-13 E=EAN-8 F=I2OF5 G=CODABAR H=C128 I=C93 J=MSI K=C11 L=ISBN ★ X=ALL 	<p>7</p>
<p>TERMINATION CHARACTER</p> <ul style="list-style-type: none"> 0) NONE 1) HORIZONTAL TAB ★2) CARRIAGE RETURN 3) CARRIAGE RETURN & LINE FEED 4) USER DEFINED TERMINATION CHAR. (CHART) 	<p>BEEP</p> <ul style="list-style-type: none"> LENGTH 0) SHORT ★1) MEDIUM SHORT 2) MEDIUM LONG 3) LONG 8) OFF TONE 4) LOW 5) MEDIUM LOW ★6) MEDIUM HIGH 7) HIGH 	<p>8</p>
<p>BAR CODE EDIT</p> <ul style="list-style-type: none"> 0) BAR CODE EDITING (ON/OFF) 1) ENTER # OF LEADING CHARS TO STRIP (0-9, A-F) 2) ENTER # OF TRAILING CHARS TO STRIP (0-9, A-F) 3) ENTER BAR CODE TYPE TO EDIT: (CHART) A=C39 B=UPC-A C=UPC-E D=EAN-13 E=EAN-8 F=I2OF5 G=CODABAR H=C128 I=C93 J=MSI K=C11 ★ X=ALL 4) STRIP LEADING & TRAILING SPACES (ON/OFF) 	<p>OPTIONS #1</p> <ul style="list-style-type: none"> 0) SEND BAR CODE TYPE ID (ON/OFF) ★1) DUPLICATE READS ALLOWED (ON/OFF) ★2) LASER/CCD TIMEOUT (0 - 9 SEC) ★3) LASER/CCD TRIGGER SHUTOFF (ON/OFF) 4) LASER/CCD CONTINUOUS RUN (ON/OFF) 5) CONTINUOUS RUN READ DELAY (0.0 - 9.9 SEC) 6) BAR CODE FUNCTION KEYS (ON/OFF) 	<p>ON</p>
<p>DIAGNOSTICS</p> <p>PERFORMS A SELF-TEST AND SENDS THE STATUS OUT THE SERIAL PORT.</p>	<p>OPTIONS #2</p> <ul style="list-style-type: none"> 0) BAR CODE SPECIAL KEYS (ON/OFF) 1) BAR CODE TERM CHAR OVERRIDE (ON/OFF) 	<p>OFF</p>

EXIT (IGNORE CHANGES)



★ INDICATES DEFAULT SET TO ON.

- NOTES:**
- 1) SCANNING **OPTION 9** RESETS ALL CURRENT **CATEGORY OPTIONS** TO DEFAULT.
 - 2) SCAN **ON** WHEN FINISHED SCANNING **PREAMBLE & POSTAMBLE** CHARACTERS.
 - 3) ALL **DELAY & FIXED LENGTH** ENTRIES REQUIRE SCANNING 2 DIGITS.

RESET ALL DEFAULTS



FULL ASCII CHART

NUL	DLE (INS)	SP	0	@	P	`	p
SOH (←)	DC1 (F1)	!	1	A	Q	a	q
STX (→)	DC2 (F2)	"	2	B	R	b	r
ETX (↑)	DC3 (F3)	#	3	C	S	c	s
EOT (↓)	DC4 (F4)	\$	4	D	T	d	t
ENQ (HOME)	NAK (F5)	%	5	E	U	e	u
ACK (END)	SYN (F6)	&	6	F	V	f	v
BEL (DEL)	ETB (F7)	'	7	G	W	g	w
BS	CAN (F8)	(	8	H	X	h	x
HT	EM (F9)	)	9	I	Y	i	y
LF	SUB (F10)	*	:	J	Z	j	z
VT (PgUp)	ESC	+	;	K	[	k	{
FF (PgDn)	FS (CTRL ON)	,	<	L	\	l	|
CR	GS (CTRL OFF)	-	=	M	]	m	}
SO (SHIFT ON)	RS (ALT ON)	.	>	N	^	n	~
SI (SHIFT OFF)	US (ALT OFF)	/	?	O	_	o	DEL