

# MODEL 2500 READER SETUP MENU (VERSION 2.9)

**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><b>CODE 39</b></p> <ul style="list-style-type: none"> <li>★0) CODE 39 DECODER (ON/OFF)</li> <li>1) FULL ASCII (ON/OFF)</li> <li>2) MOD 43 CHECK DIGIT (ON/OFF)</li> <li>3) SEND CHECK DIGIT (ON/OFF)</li> <li>4) CONCATENATE MODE (ON/OFF)</li> </ul>	<p><b>UPC</b></p> <ul style="list-style-type: none"> <li>★0) UPC DECODER (ON/OFF)</li> <li>1) CONVERT UPC-E TO UPC-A (ON/OFF)</li> <li>2) CONVERT UPC-A TO EAN-13 (ON/OFF)</li> <li>★3) SEND UPC-A NUMBER SYSTEM (ON/OFF)</li> <li>★4) SEND UPC-E NUMBER SYSTEM (ON/OFF)</li> <li>★5) SEND UPC-A CHECK DIGIT (ON/OFF)</li> <li>★6) SEND UPC-E CHECK DIGIT (ON/OFF)</li> </ul>	<p><b>0</b></p>
<p><b>EAN</b></p> <ul style="list-style-type: none"> <li>★0) EAN DECODER (ON/OFF)</li> <li>1) ZERO FILL EAN-8 TO EAN-13 (ON/OFF)</li> <li>★2) SEND EAN-13 COUNTRY CODE (ON/OFF)</li> <li>★3) SEND EAN-8 COUNTRY CODE (ON/OFF)</li> <li>★4) SEND EAN-13 CHECK DIGIT (ON/OFF)</li> <li>★5) SEND EAN-8 CHECK DIGIT (ON/OFF)</li> <li>6) ISBN CONVERSION (ON/OFF)</li> </ul>	<p><b>UPC/EAN SUPPLEMENTS</b></p> <ul style="list-style-type: none"> <li>0) SUPPLEMENTS DECODER (ON/OFF)</li> <li>★1) ALLOW 2 DIGIT SUPPLEMENTS (ON/OFF)</li> <li>★2) ALLOW 5 DIGIT SUPPLEMENTS (ON/OFF)</li> <li>3) REQUIRE SUPPLEMENTS: ★0=NONE 1=UPC 2=EAN 3=BOOKLAND EAN 4=ALL (ON/OFF)</li> <li>4) SEND SEPARATOR SPACE (ON/OFF)</li> </ul>	<p><b>1</b></p>
<p><b>INT. 2 OF 5</b></p> <ul style="list-style-type: none"> <li>★0) 12 OF 5 DECODER (ON/OFF)</li> <li>1) CHECK DIGIT: ★0=NONE 1=USS 2=OPCC (ON/OFF)</li> <li>2) SEND CHECK DIGIT (ON/OFF)</li> <li>3) FIXED LENGTH (ON/OFF)</li> <li>4) SET FIXED LENGTH #1 (02 - 60)</li> <li>5) SET FIXED LENGTH #2 (02 - 60)</li> </ul>	<p><b>CODABAR</b></p> <ul style="list-style-type: none"> <li>★0) CODABAR DECODER (ON/OFF)</li> <li>1) SEND START/STOP (ON/OFF)</li> <li>2) CLSI FORMATTING (ON/OFF)</li> <li>3) CLSI CHECK DIGIT (ON/OFF)</li> </ul>	<p><b>2</b></p>
<p><b>CODE 128</b></p> <ul style="list-style-type: none"> <li>★0) CODE 128 DECODER (ON/OFF)</li> <li>1) UCC-128 VERIFICATION (ON/OFF)</li> <li>★2) SEND MOD 10 CHECK DIGIT (ON/OFF)</li> </ul>	<p><b>CODE 93</b></p> <ul style="list-style-type: none"> <li>★0) CODE 93 DECODER (ON/OFF)</li> <li>1) CONCATENATE MODE (ON/OFF)</li> </ul>	<p><b>3</b></p>
<p><b>MSI/PLESSEY</b></p> <ul style="list-style-type: none"> <li>0) MSI/PLESSEY DECODER (ON/OFF)</li> <li>1) TWO CHECK DIGITS REQUIRED (ON/OFF)</li> <li>2) FIRST CHECK DIGIT MOD 11 (ON/OFF)</li> <li>3) SEND 1ST CHECK DIGIT (ON/OFF)</li> <li>4) SEND 2ND CHECK DIGIT (ON/OFF)</li> <li>5) ISBN PLESSEY (ON/OFF)</li> </ul>	<p><b>CODE 11</b></p> <ul style="list-style-type: none"> <li>0) CODE 11 DECODER (ON/OFF)</li> <li>1) TWO CHECK DIGITS REQUIRED (ON/OFF)</li> <li>2) SEND 1ST CHECK DIGIT (ON/OFF)</li> <li>3) SEND 2ND CHECK DIGIT (ON/OFF)</li> </ul>	<p><b>4</b></p>
<p><b>SERIAL PORT</b></p> <ul style="list-style-type: none"> <li>0) DATA TYPE: ★0=ASCII 1=PC SCAN CODES</li> <li>1) DUPLEX MODE: ★0=FULL 1=HALF</li> <li>2) INTERCHARACTER DELAY (00 - 99 MSEC)</li> <li>3) DAISY CHAIN (ON/OFF OR ID(CHART))</li> <li>4) SEND DAISY CHAIN ID (ON/OFF)</li> <li>5) HOST RESPONSE (ON/OFF)</li> <li>6) HOST RESPONSE TIMEOUT (00 - 99 SEC)</li> <li>7) HOST BEEP ENABLE (ON/OFF)</li> </ul>	<p><b>BAUD RATE</b></p> <ul style="list-style-type: none"> <li>0) 150            4) 2400        8) 38400</li> <li>1) 300            5) 4800</li> <li>2) 600            ★6) 9600</li> <li>3) 1200          7) 19200</li> </ul>	<p><b>5</b></p>
<p><b>PARITY</b></p> <ul style="list-style-type: none"> <li>★0) NONE</li> <li>1) EVEN</li> <li>2) ODD</li> <li>3) MARK</li> </ul>	<p><b>DATA BITS</b></p> <ul style="list-style-type: none"> <li>0) 7 BITS</li> <li>★1) 8 BITS</li> </ul>	<p><b>6</b></p>
<p><b>PREAMBLES</b></p> <ul style="list-style-type: none"> <li>0) ENTER BAR CODE PREAMBLE (CHART)</li> <li>1) ENTER MAG STRIPE PREAMBLE (CHART)</li> <li>2) BAR CODE SEND DELAY (0.0 - 9.9 SEC)</li> <li>3) MAG STRIPE SEND DELAY (0.0 - 9.9 SEC)</li> <li>4) ACTIVE TYPES (CHART)</li> </ul>	<p><b>POSTAMBLES</b></p> <ul style="list-style-type: none"> <li>0) ENTER BAR CODE POSTAMBLE (CHART)</li> <li>1) ENTER MAG STRIPE POSTAMBLE (CHART)</li> <li>2) BAR CODE SEND DELAY (0.0 - 9.9 SEC)</li> <li>3) MAG STRIPE SEND DELAY (0.0 - 9.9 SEC)</li> <li>4) ACTIVE TYPES (CHART)</li> </ul>	<p><b>7</b></p>
<p><b>TERMINATION CHARACTER</b></p> <ul style="list-style-type: none"> <li>0) NONE</li> <li>1) HORIZONTAL TAB</li> <li>★2) CARRIAGE RETURN</li> <li>3) CARRIAGE RETURN &amp; LINE FEED</li> <li>4) USER DEFINED TERMINATION CHAR. (CHART)</li> </ul>	<p><b>BEEP</b></p> <ul style="list-style-type: none"> <li>0) SHORT</li> <li>★1) MEDIUM SHORT</li> <li>2) MEDIUM LONG</li> <li>3) LONG</li> <li>4) LOW</li> <li>5) MEDIUM LOW</li> <li>★6) MEDIUM HIGH</li> <li>7) HIGH</li> <li>8) OFF</li> </ul>	<p><b>8</b></p>
<p><b>MAG STRIPE #1</b></p> <ul style="list-style-type: none"> <li>★0) SEND ACCOUNT NUMBER (ON/OFF)</li> <li>★1) SEND NAME (TRACK 1 ONLY) (ON/OFF)</li> <li>★2) SEND EXPIRATION DATE (ON/OFF)</li> <li>★3) SEND ALL TRACK DATA (ON/OFF)</li> <li>4) ENTER TRACK 1 SEPARATOR CHAR (CHART)</li> <li>5) FORMAT EXPIRATION DATE MMY (ON/OFF)</li> <li>6) ENTER TRACKS 2 &amp; 3 SEPARATOR CHAR (CHART)</li> </ul>	<p><b>MAG STRIPE #2</b></p> <ul style="list-style-type: none"> <li>0) OUTPUT: 0= FIRST TRACK 1= SECOND TRACK</li> <li>          ★2=BOTH 3=BOTH(REVERSE ORDER)</li> <li>1) REQUIRE TWO TRACKS (ON/OFF)</li> <li>★2) SEND START &amp; END SENTINELS (ON/OFF)</li> <li>3) BETWEEN TRACKS/FIELDS TERM CHAR (ON/OFF)</li> <li>★4) SEND ENDING TERMINATION CHAR (ON/OFF)</li> <li>★5) STRIP SPACES (ON/OFF)</li> </ul>	<p><b>9</b></p>
<p><b>BAR CODE EDIT</b></p> <ul style="list-style-type: none"> <li>0) BAR CODE EDITING (ON/OFF)</li> <li>1) ENTER # OF LEADING CHARS TO STRIP (0-9,A-F)</li> <li>2) ENTER # OF TRAILING CHARS TO STRIP (0-9,A-F)</li> <li>3) ENTER BAR CODE TYPE TO EDIT: (CHART)</li> <li>          A=C39    B=UPC-A    C=UPC-E    D=EAN-13</li> <li>          E=EAN-8    F=I2OF5    G=CODABAR    H=C128</li> <li>          I=C93    J=MSI        K=C11        ★ X=ALL</li> <li>4) STRIP LEADING &amp; TRAILING SPACES (ON/OFF)</li> </ul>	<p><b>OPTIONS #1</b></p> <ul style="list-style-type: none"> <li>0) SEND BAR CODE TYPE ID (ON/OFF)</li> <li>★1) DUPLICATE READS ALLOWED (ON/OFF)</li> <li>★2) LASER/CCD TIMEOUT (0 - 9 SEC)</li> <li>★3) LASER/CCD TRIGGER SHUTOFF (ON/OFF)</li> <li>4) LASER/CCD CONTINUOUS RUN (ON/OFF)</li> <li>5) CONTINUOUS RUN READ DELAY (0.0 - 9.9 SEC)</li> <li>6) BAR CODE FUNCTION KEYS (ON/OFF)</li> <li>★7) KEYBOARD CAPS LOCK STATUS (ON/OFF)</li> </ul>	<p><b>ON</b></p>
<p><b>DIAGNOSTICS</b></p> <p>PERFORMS A SELF-TEST AND SENDS THE STATUS OUT THE SERIAL PORT.</p>	<p><b>OPTIONS #2</b></p> <ul style="list-style-type: none"> <li>0) BAR CODE SPECIAL KEYS (ON/OFF)</li> <li>1) KEYBOARD NUM LOCK STATUS (ON/OFF)</li> <li>2) MAG STRIPE SPECIAL/FUNCTION KEYS (ON/OFF)</li> <li>3) BAR CODE TERM CHAR OVERRIDE (ON/OFF)</li> </ul>	<p><b>OFF</b></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