

User's Manual

KEYBOARD WEDGE Slot Reader

Enter Setup



Overview

This slot reader supports PC/AT, XT, notebooks and Macintosh computers. It can read most popular bar codes like Code 39, UPC/EAN, Interleaved 2 of 5, Standard 2 of 5, Code 128, Codabar, MSI, Code 11, Code 93, etc.

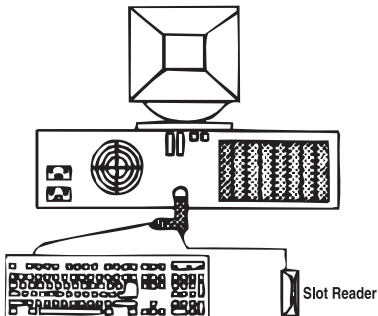
Setup of the reader can be done in two ways:

- Through keyboard of a desktop PC/AT machine
- Or use custom labels (batch setup).

Installation:

The picture below shows how to connect the reader to a computer. Follow the procedures for installation:

1. Turn off computer power
2. Unplug keyboard from computer. Plug the reader to computer's keyboard port and keyboard to the reader.
3. Turn on power. One long beep from the reader indicates successful power-up.



The default device ID of the reader is set to PC/AT. If your computer is not a PC/AT, please do the setup on a PC/AT machine first to select a correct device ID. The device ID "06" (Keyboardless) is for notebook computers.

Setup

The reader's behavior can be changed through a setup routine in the reader. Setup can only be performed on a PC/AT computer under DOS environment. After typing "COPY CON NUL" command under DOS prompt, there are two ways to enter setup:

- Swipe "Enter Setup" bar code label located on the cover page of this manual
- Or press left SHIFT and right SHIFT keys at the same time within about 20 keystrokes after computer power up

The second method applies when the reader has device ID set to PC/AT interface already. If you have this manual handy, the first method is preferred.

When the reader enters the setup mode, a selection menu will be displayed on the screen like,

Use numerical keys on the top of alphabetic keys for digit input

0-Device 1-Scanner 2-Bar Code 3-Other
 4-Default 5-Dump Setting 6-Exit
 Select →

Follow the prompting and make your selection accordingly. The setup procedure is just that easy.

Batch Setup

Having configured a reader, you may duplicate the setting of the reader (master) to the others. You can do this by producing a set of custom setup labels derived from the master reader and scanning these labels by other readers. When selecting Dump command in setup mode, the settings of the reader will dump to the screen as one or several ASCII string(s). Printing the string(s) into bar code labels in Code 39, you get the batch setup labels to duplicate other readers.

Selectable Parameters and their Defaults

Parameters	Selections	Default
Device ID	IBM PC/XT IBM PC/AT PS/2 mod 40,60,80, etc. IBM PS/2 MOD 25,56,70,90 Macintosh ADB bus Wand Emulation (Native Mode) Keyboardless Wedge Wand Emulation (Code 39 Mode)	IBM PC/AT
Beep Tone	None/Low/Medium/High/Low to High/ Medium High to Low	
Inter-char delay	1 ms /5 ms/10 ms/20 ms/50/ ms/100 ms	1 ms
Inter-block delay	10 ms/50 ms/100 ms/l s/5 s	10 ms
Function Code	On/Off	On
CapsLock	Auto trace/Low case/Upper Case	Auto trace
Language	US/SK/Swiss/Swedish/Spanish/ Norwegian/Italian/German/French/ Alt Key Mode	US
Double verification	Off/On	Off
Label Type	Positive/Positive and Negative	Positive

Output of Wand	Bar high, space low/ Bar low, space high	Bar high, Space low
Level Duration	200 us/600 us	200 us
Terminator	Enter/Field Exit/Return/None	Enter
Code ID	None/User Defined/Default Set1/ Default Set II	None
Define Code ID	00-Code 39 Full ASCII 01-Code 39 Standard 02- EAN-13 03- UPC-A 04- EAN-8 05- UPC-E 06-1 2 of 5 07-Codabar 08-Code 128	09-Code 93 10- S 2 of 5 11- MSI 12- Code 11 13- Code 32 13- Data Code 15- Label Code 16- Plessey Code 18- Toshiba Cod
Data Length	Excluded/Include	Exclude
Preamble	Define up to 16 characters	None
Postamble	Define up to 16 characters	None
Code 39	Disable/Enable	Enable
	Full ASCII/Standard Check Digit Check and Send/Check but Not Send/Not Check Send/Not Send Start & Stop Min 0/Max 48	Standard Not Check Not Send 0 / 48
Code 32	Disable/Enable Leading Character Send/No Send Tailing Character Send/No Send	Disable Send Send
Interleaved 2 of 5	Disable/Enable Fix Length On/Off (by first three reads) Check Digit Check and Send/Check but Not Send/Not Check First Digit Suppressed/Last Digit Not Suppressed/Not Suppressed Min 4 / Max 64	Enable On Not Check Not suppressed 10/64
Standard 2 of 5 / Toshiba	Disable/Enable Fix length On/Off Check Digit Check and Send/Check but Not Send/Not Check Min 4/Max 48	Disable On Not Check 4/48
Delta distance code	Disable/Enable Check Digit Not Send/Send Check Digit Check/Not Check	Disable Not Send Not Check
Code 128 / Label Code	Disable/Enable Min 1/Max 48	Disable 1/48
MSI / Plessey	Disable/Enable	Disable

Code	CD Send/No Send CD Double Module 10/CD Double Module 11 Plus 10/CD single Module 10 Min 1/Max 16	No Send CD Double Module 10 1/16
Code 93	Disable/Enable Min1/Max 48	Enable 1/48
Code 11	Disable/Enable One/Two CD CD Send/No Send Min1/Max 48	Disable Two CD No Send 1/48
UPC-A	Disable/Enable Leading Digit Send/No Send CD Send/No Send	Enable Send Send
UPC-E	Disable/Enable Leading Digit Send/ No Send CD Send/No Send Zero Expansion On/Off	Enable Send Send Off
EAN-13	Disable/Enable	Enable
	Leading Digit Send/No Send CD Send/No Send Bookland EAN Enable/Disable	Send Send Disable
EAN-8	Disable/Enable Leading Digit Send/No Send CD Send/No Send	Enable Send Send
Supplement Code	2 Add-on Code Off/On 5 Add-on Code Off/On Transmitted if Present/Must Present Space Added/Not Added	Off Off Must Present Not Added