K2714 Keyboard Magnetic Stripe Reader Setup Manual

The K2714 keyboard is a standard 104/105-key keyboard for IBM compatible PC's. It is integrated with a dual track I & II magnetic stripe reader (MSR) for various applications. In order to program the MSR output format to your computer, you may use the embedded programming feature provided by the keyboard. The next paragraph will describe how to program and configure the MSR output.

Embedded Programming

Open the Windows's Notepad provided by the operating system or any other word processing software. Select the feature that you want to change. You activate the setup by holding down both "**Shift**" keys on your keyboard. It will display the main setup menu on the screen. The setup process must be activated within 20 keystrokes after the system is turned on, otherwise it will go back to default and show a blank screen. In this case you start the process over. Unplugging the keyboard will reset the counter. Again, hold down both "**Shift**" keys.

Simply program the keyboard by following the instructions on the screen. Please remember to use numeric keys (0 to 9) on the top of the alphabetic keys selecting the option.

Main Setup Manual

Hamster V2.6 Nov.18, 99
Use numeric keys on the top of alphabetic keys for digit input.
0-MCR   1-Others   2-Default 3-Dump   4-Exit
Select==> 0

Use the numerical keys on top of the QWERTY keys to select your option. Select "0" to configure the magnetic card reader. The following menus are showing those different options and the default values provided by the keyboard.

MSR Input Port Main Manual

Select **0-MCR,** Main Manual of Magnetic Slot Reader Parameters:
0-Terminator   1-Start/Stop sentinel   2-Track Choice   3-Separator
4-Track II Account Number Only   5-Any Data Output
6-Track I Output sequence   7-Track II Output sequence
Select==> 0

      Select **0-Terminator**:
      0-Enter(CR/LF)   1-Field Exit(CR)   2-Return(LF) 3-None
      Select(Enter to accept)==> 0

      Select **1-Start/Stop sentinel**
      Start/Stop Sentinel: 0—Disabled;   1—Enabled;
      Select(Enter to accept) ==> 1

Select **2-Track Selection:**
0-All Tracks   1-Track 1&2   2-Track 1&3   3-Track 2&3
4-Track 1   5-Track 2   6-Track 3
Select(Enter to accept)==> 0

Select **3-Separator:**
Magnetic Slot Reader Parameters:
0-Terminator   1-Start/Stop sentinel   2-Track Choice   3-Separator
4-Track II Account Number Only   5-Any Data Output
6-Track I Output sequence   7-Track II Output sequence
Select==> 3
Input One Character:

Select **4-Track II Account Number Only:**
Track 2 Account Number Only: 0--Disabled;   1--Enabled;
Select(Enter to accept)==> 0

Select **5-Any Data Output**
Any Data Output: 0--Disabled;   1--Enabled;
Select(Enter to accept)==> 1

Select **6-Track I Output sequence**
Track1 Output Sequence (Max 16 characters):

Select **7-Track II Output sequence**
Track2 Output Sequence (Max 8 characters):

Other features on the Main Manual
Use numeric keys on the top of alphabetic keys for digit input.
0-MCR   1-Others   2-Default   3-dump   4-Exit
Select==> 1

Select **1-Other Parameters:**
0-Beep   1-Caps_Lock   2-CharDelay
3-BlockDelay   4-Language
Select==> 0

Select **0-Beep Sound**
0-None   1-Low   2-Medium
3-High   4-Low to High   5-High to Low
Select(Enter to accept)==> 2

Select **1-Caps-Lock:**
0-Auto trace   1-Lower   2-Upper
Select(Enter to accept)==> 0

Select **2-Intercharacter delay:**
0-1ms 1-5ms 2-10ms   3-20ms   4-50ms   5-100ms
Select(Enter to accept)==> 0

Select **3-InterBlock Delay:**
0-10ms   1-50ms   2-100ms   3-500ms   4-1sec 5-3sec
Select(Enter to accept)==> 0

Select **4-Language:**
0-U.S.   1-U.K.   2-Swiss   3-Swedish
4-Spanish   5-Norwegian 6-Italian   7-German
8-French   9-Alt key mode   A-Danish
Select(Enter to accept)==> 0

Select **2-Default,** Keyboard will reset to factory default value.
0-MCR   1-Others   2-Default   3-dump   4-Exit
Select==> 2

Select **3-Dump,** Keyboard will send out setting as ASCII characters format to the PC.
0-MCR   1-Others   2-Default   3-Dump   4-Exit
Select==> 3

Print following strings (from '...' to '.') into Code 39 bar code labels:
....
Current settings can be acquired by scanning these labels.
Press any key to continue...

Select **4-Exit,** and save the keyboard setting.
Use numeric keys on the top of alphabetic keys for digit input.

0-MCR   1-Others   2-Default   3-dump   4-Exit
Select==> 4

Exit Setup, Save(y/n)? --> y
Bye!

A long beep sound will be confirmed and exit the setup program. Your keyboard is ready to work with your application. You may visit our web site at www.unitech-adc.com for the latest information about your keyboard or send mail to support@unitech-adc.com for the technical support issue.