

Technical Bulletin

IBM 32-Key Mapping with ScanMaster

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Note: this bulletin applies **only** to ScanMaster releases prior to 2.08.00-050. With that and subsequent ScanMaster releases, the manual steps are no longer required.

This bulletin regards manual setup for the “32 Key Keyboard” (IBM p/n 84Y2892) attached to 4820-2XX, 5XX Touch Display on IBM 300 (4810-E4A) with ScanMaster. IBM refers to this keyboard configuration as 4820- Keypad/MSR/Keylock configuration.

Manual steps are currently needed to configure this keyboard to work with ScanMaster. Automated configuration has been added to the MakeIBM.exe utility as of release 2.08.00 to eliminate these manual steps, but for previous releases, follow these steps below for manual setup:

1. POS is currently setup following the ScanMaster Install Manual for the IBM 300 (4810-E4A) and was setup for Full Touch.
2. Unzip mkeyutil-fw345.zip under c:\rss on IBM register.
3. Place SM_IBM_32.cfg configuration file under c:\rss\mkeyutil-fw345\utility.
4. Run c:\rss\mkeyutil-fw345\utility\run.exe.
5. Click OK to Query/Download/Upload message box.
6. Click OK to Message box alert.
7. Click “file” then “open configuration file”. Open file (SM_IBM_32.cfg).
8. After opening file click “firmware” then “write configuration to device.”
9. Click OK to alert message. This will flash the keyboard to match the Fujitsu 32 key mapping.
10. Click OK to download complete message.
11. After flashing keyboard, close mapping utility.
12. Edit Regstart.dat in c:\grocery and change /FT1 to /F32.
13. Restart Windows.
14. Save Keyboard in Keyboard Configuration on Server using the Fujitsu Touch w/ Teamkey Config to customize and update register.
15. Start ScanMaster. Register should run as Partial Touch with Keypad.

The [Configuration file and flash utility](#) are located on StoreNext Dealer Support Web site.

Note: the keys will not *themselves* beep when pressed, but you will hear beeps through the scanner upon successful or unsuccessful entries from the 32-key keypad.

Reminder: if you use the MakeIBM program, remember to reset the /F32 switch since this switch will be overwritten by the MakeIBM program and your keyboard will cease to work.