

APPENDIX B

DATABASE DOWNLOAD

1. Introduction To Database Download Programming

A database download programming capability has been incorporated into the NX-SERIES via the communication (serial) SMDR port of the optional SMDR/R-MMC card mounted in the base unit. This is a software utility designed to allow a certified NX-SERIES technician the ability to perform a database download on-site.

1.1 Customer Site Requirements

Certain conditions must be satisfied before installing the software package on a personal computer:

1. Install the optional NX-SMDR/R-MMC card in the base unit.
2. Use a 286 or higher IBM-PC or 100% IBM-compatible computer with the following

- MS-DOS version 5.0 or higher
- MS-WINDOWS version 3.1 or higher
- 3 " or 5 " high-density floppy drive
- VGA monitor.

3. Rs-232C cable

2. Installing Database Downloading

2.1 Getting Started

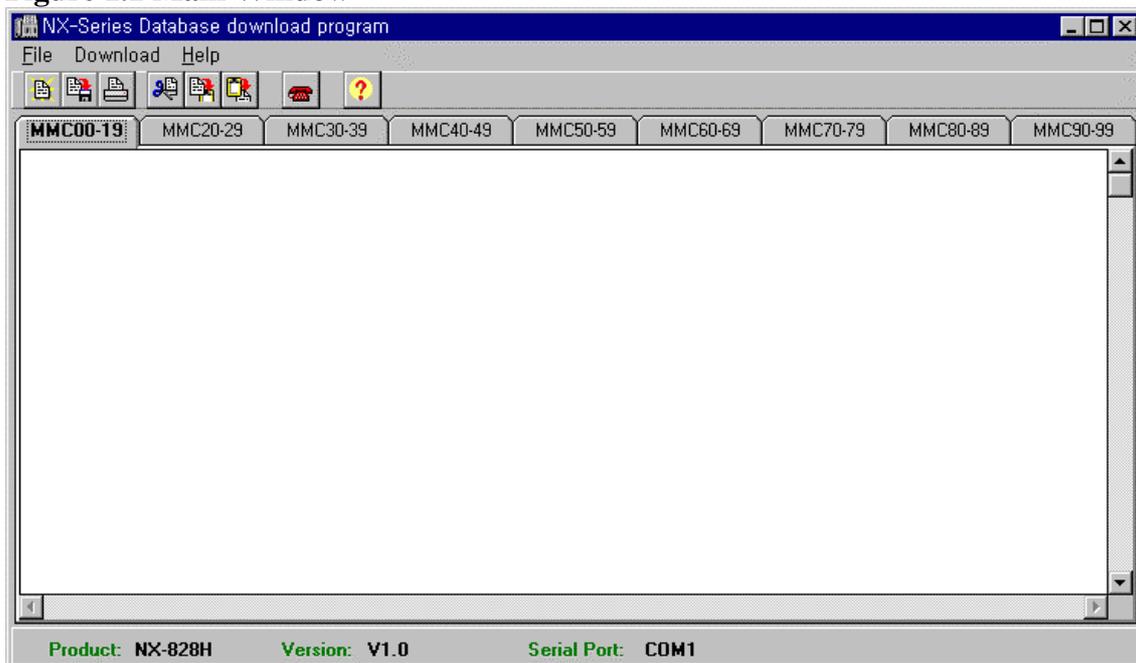
1. Create a directory to store the DATABASE DOWNLOAD program.
2. Copy the file to the new directory. The file is compressed and will have a name similar to NX71229.exe where 71229 is the date the file was generated.
3. Type "NX71229" to extract the file or Double-click file name on the file name in the Windows file manager.
4. Double-click on the icon that was created by the install program in the Windows file manager - "NX_DOWN.EXE".

3. Setup of Database Downloading Program

3.1 Starting NX Download Program

1. Connect the cable required (RS-232C)
2. Turn on the PC.
3. Enter the DATABASE DOWNLOAD directory.
4. Double-click on the icon that was created by the install program in the Windows -"NX_DOWN"
5. You will see Windows shown below.

Figure 1.1 Main Window



3. 2 Setup Of Database Downloading Program

Setup is one of the most important parts of the DOWNLOAD PROGRAM. Many problems can result simply from an incorrect connection. The DATABASE DOWNLOADING program communicates with the NX-SERIES via the COM port in your computer and a port on the NX-SMDR/R-MMC card.

Select the required option and a check mark appears in the check box.

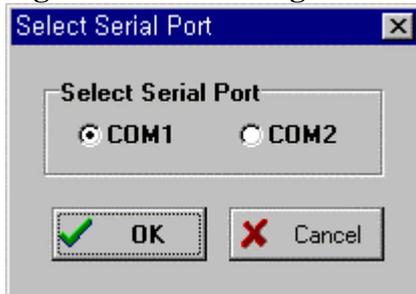
1. Choose Download / Version
2. Select the item in the Product check box
3. Select the item in the Version check box.
4. Select the item in the Country check box(optional)
5. Select OK button.

Figure 1.2 Version & Product Dialog Box



6. Choose Download / Serial Port
7. Check COM port in the Select serial port check box
8. Select OK button.

Figure 1.2 Port dialog box



4. Using database downloading program

4.1 Downloading

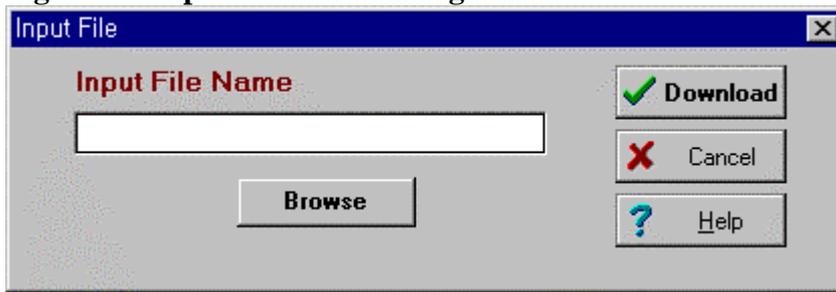
1. Choose DOWNLOAD / Download to File.
2. Input file name that will contain the MMC data.
3. Select Download button.
4. "DOWNLOADING... Press ESC key to cancel" will be displayed on the screen. It will take about 15 minutes to finish database downloading.

NOTE:

If the download fails, recheck the setup as described above and repeat the process.

If the Program stops during downloading, please wait for 5-10 sec, until the program restarts.

Figure 1.4 Input File name dialog box



4.2 Open file

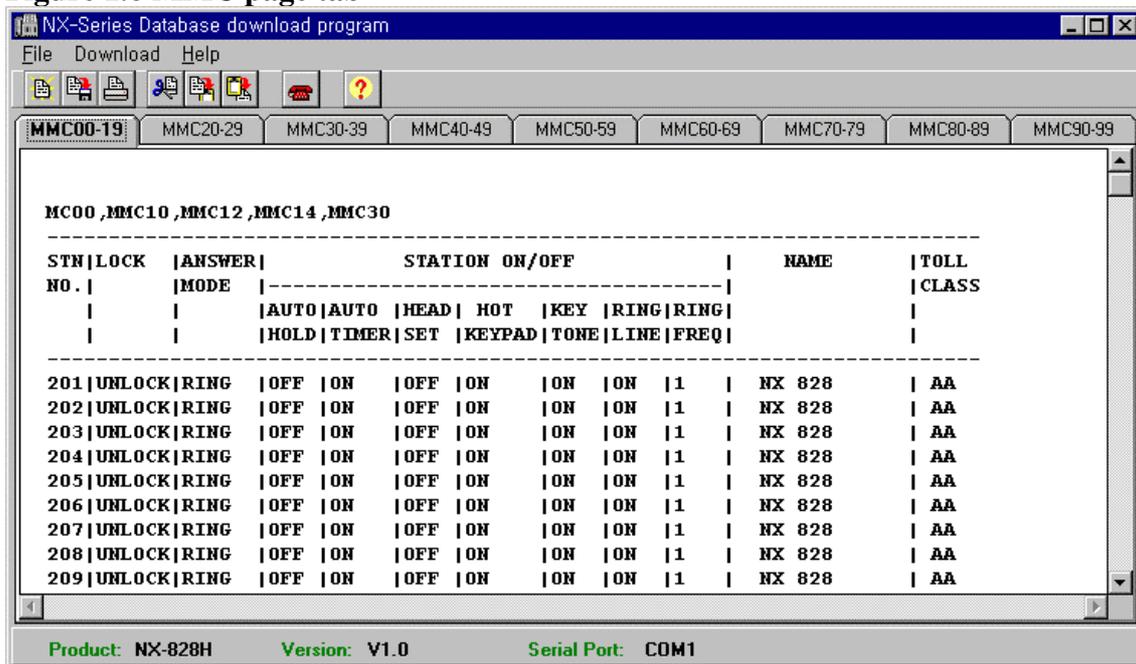
You can now open the downloaded database file.

1. Click MMC page tab that you want to see.

or

2. You can use another editor e.g.) the built-in DOS editor, Notebook, or another Windows editor.

Figure 1.6 MMC page tab



4.3 Save file

This option saves the downloaded file with another name with the save file option.

4.4 Print file

This option prints the database file that you downloaded

4.5 Help

This option shows the program version