Radio Programming Tips.....

NOTE: *Always* **UPLOAD (read) the radio first**, edit the file, save a backup copy to your hard drive then and only then DOWNLOAD (send) data to radio. Never start programming from the default file that loads when the software starts. Editing the existing file that's contained onboard the radio's micro controller is required because it contains non-user technical data needed for proper operation.

**Older/No Longer Available
Midland Mobile Radios**
Programming cable and software available:
70-1488W-CD software / 70-1308A cable

XTR Models	Syn-Tech II Models
70-1336	70-050x
70-1340	70-052x
70-1342	70-055x
70-1395	70-056x
70-1440	70-342x
70-1442	70-442x
70-1495	70-385x
70-1526	70-485x
70-1530	70-530x
70-1532	70-565x
70-1630	70-630x
70-1632	70-665x

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WARNING!
You must have the following if you intend to use this DOS programming software, cables, etc. :

- **An understanding of Microsoft DOS, including:**
  - DOS Commands.
  - How to install DOS programs.
  - How to configure COM & LPT Ports.
  - How to "Boot Up" in DOS mode.
  - How to use and read floppy disks.
  - General knowledge of DOS operating system.
- **A computer with DOS Ver5.0 to Ver6.22 installed:**
  - The higher the version the better - Ver6.22 is best.
  - Windows ME, NT, 2000 and XP - *WILL NOT WORK!*
  - Non-Microsoft versions of DOS - *WILL NOT WORK!*
  - Windows 95/98 DOS - *USUALLY WILL NOT WORK!*
  - Linux, Unix, etc., etc. - *WILL NOT WORK!*
- **An OLD, SLOW computer:**
  - Boot computer and run program in DOS.
  - Speed - 16 to 100 MHz - MAX .
  - RAM - 8MB or more.
  - Mouse and Printer make using Software easier.
  - Compaq Computers usually don't work because of COM PORT design.
  - We get reports that some new, fast computers work but most do not.
- **A Computer with Windows 95, 98, ME, NT, 2000, ME or XP installed...***Yikes!*
  - Some Program Disks come as Windows compressed files or "Zip" files. They must be un-Zipped or un-Compressed in Windows then installed and run on an old DOS computer. *I know this sounds crazy but it's true!*
- **An understanding of FCC rules and regulations:**
  - Programming channels you are not authorized or properly licensed to transmit on *is illegal.*
  - Programming receive only channels is usually always OK. Check your State and Local Government regulations.

- **Advanced User Tips:**
  - It has been reported that some faster computers may work by changing the settings in the Windows Device Manager. (Always write down your original settings so your can undo any changes)
  - Reduced COM port "bits per second" rate to 1200
  - Advanced Settings: reduce receive and transmit buffers to lowest setting. (may help to try disabling FIFO buffers)

NOTE: Programming SOFTWARE and CABLES are NOT RETURNABLE - NO REFUNDS!!!

If you don't understand the above or are unfamiliar with any of the requirements I recommend you do not purchase the programming software and cable. If you have a local Computer Shop they sometimes will sell you a suitable computer and set up your software for a reasonable fee. Print this page and bring it in to them first to see if they can help. Microsoft DOS is obsolete but radio programming software designers still write programs using it.