3500/3500A
Loading Software with Software Loader CD-ROM

OVERVIEW

The following equipment is needed in order to load system software into the 3500A Radio Test Set:

➢ AC Power Cable

➢ Aeroflex 3500/3500A External DC Power Supply

➢ Aeroflex 3500/3500A Comm Breakout Box
     part# 51190/7005-6242-900

➢ CAT5 Ethernet Cable **or** CAT5 Ethernet Crossover Cable

➢ Software Loader (see Step 3) and a blank CD-ROM

➢ Personal Computer (PC) (minimum requirements)
    700 MHz x86 Processor
    384 MB System Memory (RAM)
    VGA Graphics Card (1024x768 resolution)
    CD-ROM Drive
    Network Card

3500A Upgrade Procedure

1. Down load the 3500A Operating System Upgrade from
http://www.aeroflex.com/ats/products/prodfiles/download.cfm?PFID=9893

2. Unzip the downloaded "ReleasexxxFirmwareLoader.zip" (where "xxx" refers to revision level of software)

3. Burn the file "ReleasexxxFirmwareLoader.iso" (where "xxx" refers to revision level of software) to a CD-ROM using an **ISO image CD-ROM burner** application **(don't just copy this file to a CD-ROM)**.
A typical ISO Burner can be found by doing a "Search " for "ISO Burner" from your PC's Internet Explorer.

4. Connect the External DC Power Supply to the 3500A Radio Test Set (DC IN Connector).

5. Connect the AC Power Cable from the External DC Power Supply to an appropriate AC power source.

6. Connect the Aeroflex 3500A Comm Breakout Box to the 3500A Radio Test Set.

7. Connect the CAT5 Ethernet Cable from the Aeroflex 3500A Comm Breakout Box (ETHERNET Connector)
to the PC (Ethernet Port). **Note:** You can use a straight CAT5 **or** CAT5 Crossover Ethernet Cable.

8. Place the Software Loader CD-ROM into the PC and reboot the PC.

NOTE: Often the BIOS on the PC needs to reconfigured to boot from the CD-ROM.
Example: On a Dell Latitude D620 computer, running an XP operating system, you must press a "Function
Key" usually it is "F12", when the PC is powering on, and then select CD RW Drive to get the PC to boot up
from the CD Drive.

9. Follow the instructions displayed on the PC. Allow several minutes for the PC to reboot
from the CD-ROM.