Software Download Via Satellite
For DIRECTV Digital Video Recorders

Expected time: approximately 1 – 1½ hours

1. Connect the receiver to power and a satellite signal. <u>Do NOT connect the receiver to a phone line.</u>

2. Power up the receiver. After booting it will prompt you to begin Satellite Guided Setup.

3. Complete satellite guided setup, including verification of signal source.

4. After the recorder acquires information from the satellite and you are able to watch Live TV, note the time.

5. NOTE: You will need to wait for 15 minutes (for dual tuner boxes) or 30 minutes (for single tuner boxes) without changing channels, pausing live TV, or switching tuners for the rest of these procedures to work.   It's OK to navigate through the menus and complete steps 5 through 8.

6. Go to the System Information page by going to DIRECTV Central -> Messages & Setup -> System Information

7. Page down through the System Information page until you see the "Dial-in Configuration Code" setting. It will read "000,TFA=1" The TFA value is not important for these procedures.

8. Change the dial-code to 206 by doing the following:
      Press Clear, Clear, Enter, Enter, 0.
      The dialcode reading will change to an entry field.
      Enter 206 and then press Enter.
      The dialcode field will change back to a reading, and will read "206 TFA=1".

9. Use the left arrow to get back to Messages & Setup.

10. Verify it has been at least 15 or 30 minutes (for dual or single tuner boxes, respectively) since the time you noted in step 4.

11. Go back into System Information and check the "Last Status" under "Phone Call" and verify that it says "Finished" due to "no dial tone."   If it says "Housekeeping", "Dialing", "Downloading", or anything else to indicate that a call is in progress, verify that your phone line is unplugged, exit out to the Messages & Setup menu, wait a few minutes and then check again. (It is important that you exit out of System Information and re-enter in order to force the display to update. Do not just wait on the System Information page waiting for the value to change!)

12. Once you have verified the "Finished" No dial tone status, plug in the phone line.

13. Navigate to Messages & Setup -> Recorder and Phone Setup -> Phone Connection. It will force you to go through phone Guided Setup.   Enter your area code, go through the first call ("Update Numbers"), select a dial in number, and make your second phone call ("Test Phone Connection").

14. As soon as the second phone call finishes, unplug the receiver from phone line.

15. Immediately after the second call finishes (within 10 seconds or so) the recorder should begin a service download from the satellite. If you return to Live TV the program info should show "SW_Update". (On dual-tuner boxes this program will be on the background tuner.) The recording light on the recorder's front panel should be lit and the recording should continue for 5 - 10 minutes.

16. If the Data Recording does not begin after the test call, or if the recording stops after less than a minute, wait a few minutes WITHOUT CHANGING CHANNELS OR PAUSING LIVE TV and then reset the dial code on the System Information page to 206, plug the phone line in again, make another test call, and disconnect the phone line again.

17. Return to Live TV and note the progress of the Software Update recording. The recording of the Service Data Download should be less than 10 minutes.

18. After the recording is finished and you are returned to regular Live TV, go back to the System Information and look at the "Last Status" field for the "Service Data Download". (About 2 pages down from the top)

19. Wait until the Last Status has changed from "Receiving..." or "Processing..." to "Completed". The processing phase should take around 10 minutes.

20. Restart the receiver by navigating to DIRECTV Central -> Messages & Setup -> Restart or Reset System -> Restart the Recorder and entering three thumbs down and Enter.

21. After rebooting it should go through a software upgrade and then reboot again.

22. Go to System Information and verify that the software version is 3.1.1e.

23. Plug the receiver back into the phone line.