

# **“LOAD & GO” Easy ViewSat Setup by teach (06/06/06) @ hashhu.com**

## **WARNING: Do NOT Hookup DiSEqC switch with ViewSat Powered “ON” !! Will Damage Switch**

### **Assumptions:**

Using an already installed satellite dish aimed at 119W and/or 110W orbital position(s); dish is tweaked to max signal.

### **Basic Necessities** (Check the boxes as you go)

- [ 1a ] [ 1b ] [ 1c ] **1a.** ViewSat2000 Platinum/Xtreme    **1b.** DiSEqC switch    **1c.** Null Modem Cable
- [ ] 2. Computer with a Serial Comm Port (Lap/Notebooks w/ USB→‘fake’ serial port need “full duplex” communications)
- [ ] 3. Television set (Tune TV to Channel 3 or 4--Same Channel as ViewSat STB output is set)
- [ ] 4. Satellite dish & 1 or 2 LNB(s). Hook LNB cable(s) to DiSEqC [Port 1 to 119W (E7); Port 2 to 110W = (E8,10)]

With 1 LNB: hook directly to ViewSat without the switch **OR** through the DiSEqC switch. Your choice.

With 2 LNB: hook 119 cable to switch Port 1/A; hook 110 cable to switch Port 2/B

- [ 5a ] [ 5b ] [ 5c ] [ 5d ] **5a.** ViewSat program file    **5b.** ‘teach 110+119 satinfo.sat’    **5c.** Latest opkey.hex    **5.d** LOADER2
- [ ] 6. Unzip Zip files; note stored location on your PC hard drive. Install LOADER2.

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- [ ] 1. PLUG in ViewSat; turn rear POWER switch **“OFF”**. Connect ViewSat to computer via Null Modem cable.
- [ ] 2. Open the program "Loader2. Click "Open Files", select the ViewSat program file to write to the ViewSat.
- [ ] 3. Click PC-->STB, then Power **“ON”** your ViewSat. (You should see the File loading promptly)
- [ ] 4. **WAIT! DO NOT TOUCH VIEWSAT!!!** File loads. After file transfer is **COMPLETE**, the Front Panel will display **“inst”** for 15 seconds while it installs the software;  
**“DONE”** for 10 seconds while it performs data housekeeping/cleanup;  
**“ on ”** displays and ViewSat will automatically REBOOT.  
If connected to a TV, the TV screen comes up ALL by itself.  
If not connected to a TV, after **“ on ”** displays, the Front Panel goes to “0000”; **NOW** power **“OFF”** ViewSat
- [ 5a ] [ 5b ] **5a.** Repeat Lines 1-4 loading the satinfo file    **5b.** Repeat Lines 1-4 loading the opkey.hex file
- [ ] 6. Hook ViewSat to cable from dish or DiSEqC switch; hook to TV. You may now power **“ON”** ViewSat—rear switch.
- [ ] 7. **ANTENNA SETUP for 119W Satellite**

- A. MENU--INSTALLATION--ANTENNA SETUP--OK
- B. Scroll LEFT or RIGHT using ARROW key on Remote to 119W (EchoStar 7)
- C. 119: Echostar 7 (Usually just need to change Items 2 and 7)
- 1) LNB Power = **ON**
  - 2) LNB Type = **STANDARD** for Single Legacy LNB or **Legacy Twin LNB1** or **Legacy Quad LNB 1** or **OCS-DP** for DishPRO LNB
  - 3) LNB Freq = **11250**
  - 4) 22KHz = **OFF**
  - 5) TP Freq = **12224** (Use 12239 if 12224 doesn't show GREEN “Q” signal strength bar because 12224 is a Spot Beam TP you may NOT receive.)
  - 6) Search option = **ALL**
  - 7) DiSEqC = **Port 1 (NONE** if only 1 LNB and not using a switch)
  - 8) Motor = **OFF** (if none)
  - 9) Legacy SW = **NONE** if no Legacy switch is used; if used, set to appropriate switch type
  - 10) **EXIT** and **OK** to save settings.

[ ] 8. ANTENNA SETUP for **110W Satellite (IF NEEDED)**

- A. MENU--INSTALLATION--ANTENNA SETUP--OK
- B. Scroll LEFT or RIGHT using ARROW key on Remote to 110W (EchoStar 8,10 or 6,9—either works)
- C. 110: Echostar 8,10 (Usually just need to change Items 2 and 7)
  - 1) LNB Power = **ON**
  - 2) LNB Type = **STANDARD** for Single Legacy LNB or **Legacy Twin LNB2** or **Legacy Quad LNB2** or **OCS-DP** for DishPRO LNB
  - 3) LNB Freq = **11250**
  - 4) 22 KHz = **OFF**
  - 5) TP Freq = **12224**
  - 6) Search option = **ALL**
  - 7) DiSEqC = **Port 2 (NONE** if only 1 LNB and not using a switch)
  - 8) Motor = **OFF** (if none)
  - 9) Legacy SW = **NONE** if no Legacy switch is used; if used, set to appropriate switch type
  - 10) **EXIT** and **OK** to save settings.

[ ] 9. REGULAR CHANNEL SCAN 119W (E7)

- A. MENU--INSTALLATION—CHANNEL SCAN---OK
- B. Scroll LEFT or RIGHT using ARROW key on Remote to 119W (EchoStar 7)
- C. DOWN x 1 to NETWORK SEARCH = **ON**
- D. DOWN x 1 to GREEN Screwdriver/Hammer Icon; press **OK**
- E. TP1, 12224 is highlighted; if you get a Q signal, press **OK** to scan; if no signal; DOWN x 1 to 12239; **OK** to scan
- F. When scan completely, **OK** to save
- G. EXIT to GREEN Screwdriver/Hammer Icon; DOWN x 1

[ ] 10. REGULAR CHANNEL SCAN 110W (E8,10 or E6,8—either works)

- A. MENU--INSTALLATION—CHANNEL SCAN---OK
- B. Scroll LEFT or RIGHT using ARROW key on Remote to 110W (EchoStar 8,10 or 6,8--either works)
- C. DOWN x 1 to NETWORK SEARCH = **ON**
- D. DOWN x 1 to GREEN Screwdriver/Hammer Icon; press **OK**
- E. TP1 12224 is highlighted; press **OK** to scan.
- F. When scan completely, **OK** to save
- G. EXIT to GREEN Screwdriver/Hammer Icon; EXIT to INSTALLATION; EXIT to MAIN MENU.

[ ] 11. SORT CHANNELS BY SID (To get them in numerical order (100,101,102,105))

- A. MAIN MENU--EDIT CHANNELS--OK
- B. LEFT ARROW x 1 to highlight last icon (Sort channel list); Press **OK**
- C. UP ARROW x 1 to "Sort by SID"
- D. Press **OK**; (Channels sort in < 1 second)
- E. EXIT, **OK** to Save.
- F. ViewSat updates and saves information. "EXIT" to TV screen.

[ ] 12. You are done. Go surf your channels and enjoy!

**teach's LOAD & GO posted at hashhu.com**

**Don't forget to read your "Owner's Manual"!**