

## DVRupgrade® Kit Installation Instructions PTVnet Single Drive Replacement Kit Series2 DirecTV Units

*Note: Read all instructions first! Do not place your unit or its components on a carpeted floor while open. The internals of your unit contain sensitive electronic components that can be damaged by static electricity. Under no circumstances should you touch any component of the unit's power supply, even if the unit is unplugged; it has the potential to shock you.*

*The drives included with your kit are pre-configured and jumpers are already set appropriately. DO NOT CHANGE JUMPER SETTINGS ON ANY DRIVE WE SUPPLY WITHOUT CONTACTING PTVUPGRADE FIRST!*

**Step 1** Using the Torx driver included with your kit, remove the four cover screws on the rear of the unit.



**Step 2** Remove the cover by sliding towards the rear, and lifting the back edge. The internals of your unit are shown below.



**Step 3** Remove both connectors on the bottom of the drive (disk drive cable [left] - power connector [right]).



**Step 4** Remove the two screws on the right side of the drive - they are attaching the drive and bracket to the TiVo chassis. Remove the drive assembly from the chassis.



**Step 5** Remove the two screws from the right side of the original TiVo drive.



**Step 6** Remove the two screws from the left side of the drive. Re-attach bracket to replacement drive in a similar fashion, reconnect disk drive and power connectors, and re-attach drive to TiVo chassis as shown in **step 4**.



**Step 7** (optional) If you wish to replace the disk drive cable with the one we've supplied, you may do so, however ensure that the BLUE connector is attached to the motherboard; either of the black connectors may be used to attach the cable to the disk drive.

**Step 8** Connect your unit to your home network using a supported USB 2.0 Ethernet adapter. If you did not order one from DVRupgrade, we recommend the Netgear FA120 adapter, or Linksys USB200M. If you are going to connect to a wireless network, we recommend you first test your unit in a "wired" environment. It is important to note that if you are planning on a wireless configuration, you cannot connect a USB wireless Ethernet adapter directly to your unit. You will need to use a wired adapter in conjunction with a wireless bridge, or game adapter (these are available from DVRupgrade).

**Note: Your PTVnet kit is designed so that you do not need to connect your DirecTV unit to your phone line for completion of the daily call, however you will still need to make a test call when going through guided setup to complete your satellite dish configuration. If you do not have a phone line, and still need to complete a test call (or would prefer to make a daily call over the Internet instead of a phone line, your system can be configured to do this, however extra steps will need to be taken. To do this, you can either use the resources at <http://www.dvrplayground.com> or head to our knowledgebase at <http://www.dvrupgrade.com/dvrupgrade-support-center/> and search for "call using internet" in our knowledgebase.**

**Step 9** Reconnect your unit to your entertainment center, ensuring all networking, video, and satellite connections are properly made, and start your unit. Please be patient as the unit will reboot a few times as part of the initialization. Once the unit is fully booted, you may want to repeat your satellite dish setup to ensure that the unit is configured for your particular type of satellite dish.

**Step 10** Your unit should now be up and running on your network as a DHCP client. Check your router's DHCP client table or use a tool, such as "angryip" to discover your client on your network. Please consult the tech support notes you were emailed (reposted at <http://www.dvrplayground.com>) for more details and discussion.

If you encounter any problems with your kit, please contact us <http://www.dvrupgrade.com/contactus.cfm> Latest instructions and other resources are available on our web site: <http://www.dvrupgrade.com>

All technical support for questions related to the use of your PTVnet kit are handled at <http://www.dvrplayground.com>; please stop by and let us know how you are doing.