

HOME NETWORKING FOR MAC: TiVo Desktop for Mac and Roxio Toast 10 Titanium Installation and Use

The Customer Steps:

- 1) Login to My Account at (AU) mytivo.com.au/myaccount or (NZ) mytivo.co.nz/myaccount and activate your Home Networking Package
- 2) Download and install TiVo Desktop for Mac from My Account
- 3) **Restart TiVo *and* your Mac**
- 4) Start using TiVo Desktop!
- 5) *Optional:* Purchase and install Roxio Toast 10 Titanium or Roxio Popcorn to gain full Home Networking Package functionality.

Please Note:

For Mac users (for example apple MacBook and iMac), the TiVoToGo feature requires the purchase of the Home Networking Package and the installation of third party software called Roxio® Toast 10 Titanium or Popcorn on a Mac and it must be connected to the same Home Network as your TiVo media device. We are not responsible for and do not warrant the use, behaviour, or performance of such third party software - if you have any queries about the performance or features of third party software, it is your responsibility to obtain customer support from the relevant third party supplier of such software.

Warning – Whilst the Tiger and Leopard versions of Mac OS are compatible with Home Networking Package functionality, Snow Leopard (the latest version of Mac OS) is not currently compatible with our Home Networking Package products, however a solution for this is expected to be available by late November. In the meantime, if you are a Snow Leopard user, we do not recommend activating Home Networking Package until then. Please see our support website for more details.

Observe copyright laws.

We are not responsible for and do not warrant the use, behaviour or performance of third party software or devices.

Copyright © 2009, Hybrid Television Services (ANZ) Pty Limited. All rights reserved.

Contents

Installation	3
Using TiVo Desktop for Mac	3
Troubleshooting Tips	25

IMPORTANT NOTICE ABOUT COPYRIGHT

The TiVo service gives you the ability to access, record, copy, transfer, display, view, and/or listen to audio, video, and other media over which we exercise no editorial or programming control ("Third Party Content"). You understand that: (a) we do not guarantee access to or the ability to record, copy, transfer, display, view, and/or listen to any particular program or other content; (b) programming is not under our control; (c) Third Party Content providers may restrict or limit the ability to record, copy, transfer, display, view, and/or listen to particular programs or other content by using a variety of copy protection mechanisms; (d) Third Party Content providers may restrict or revoke access to their content at any time; (e) we are not responsible for and have no editorial control over any Third Party Content; and (f) we have no control over the distribution of such content.

The content that you are able to record on, download to or transfer to or from your TiVo media device (including Third Party Content) is protected by copyright. Unless you own the copyright in, or are licensed by the copyright owner to do a particular act with respect to that content, you are only allowed under Australian copyright law to record broadcast content for private and domestic use for watching or listening to that content at a more convenient time than the time when the broadcast was made, or may otherwise use that or other content (including broadband content) as expressly permitted or otherwise in accordance with the "fair dealing" provisions of the Copyright Act. Nothing in this document permits, and we do not permit, you to use or deal with content recorded on, downloaded to or transferred to or from your TiVo media device for any other purpose. If you are not the owner or licensee of content and you distribute or otherwise make it available to anyone else, you may be infringing copyright, and this will be treated as misuse of the TiVo service.

Observe copyright laws.

We are not responsible for and do not warrant the use, behaviour or performance of third party software or devices.

Copyright © 2009, Hybrid Television Services (ANZ) Pty Limited. All rights reserved.

INSTALLING TIVO DESKTOP FOR MAC

To enable this feature you need to install the TiVo Desktop for Mac application on a home Apple Macintosh that is connected to the same home network (i.e. your Ethernet or wireless internet connection set up) as your TiVo media device. We do not support or authorise the use of the particular TiVo Desktop application that is available for download by TiVo customers in the US.

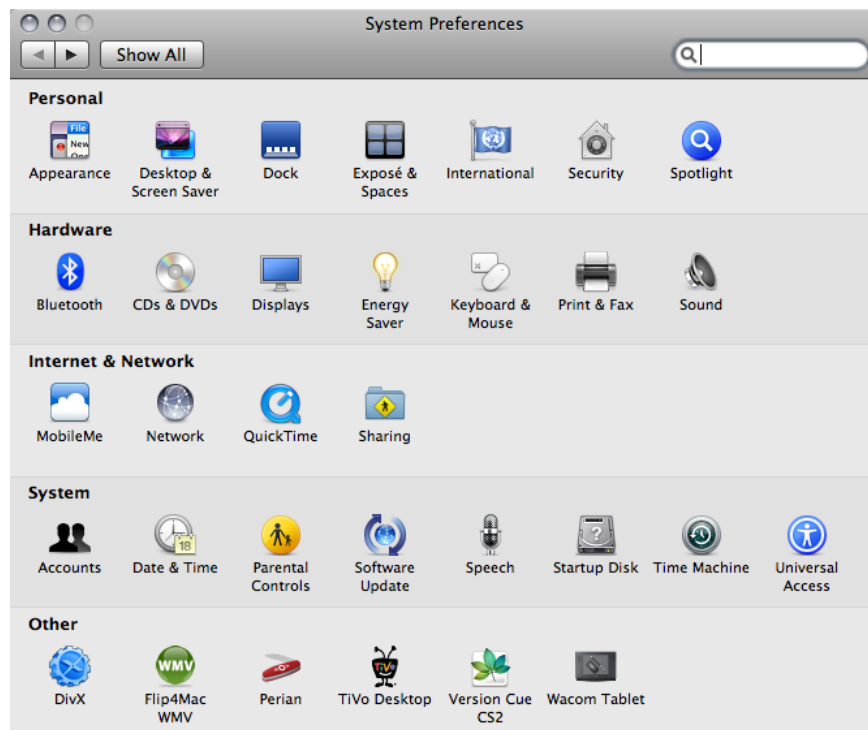
Currently TiVo Desktop for Mac 1.94 only enables the streaming of music and photos from your Mac to your TiVo media device. For Mac users to get the most from the Home Networking Package, they need to purchase and install a third party software called Roxio Toast 10 Titanium or Popcorn.

- 1) Download the software from the My Account website at <http://mytivo.co.nz/myaccount>.
- 2) Double-click the TiVo Desktop 1.94 installer package located on your Desktop.
- 3) Run the installer and TiVo Desktop for Mac will be installed on your Mac.

NOTE: TiVo Desktop for Mac is NOT installed in Applications, but instead in System Preferences. Check that indeed installed by going to System Preferences and looking under "Other" for the TiVo Man icon.

USING TIVO DESKTOP FOR MAC

- 1) Open TiVo Desktop for Mac by going to your System Preferences. Usually this can be found on the Dock at the bottom or side of your screen. TiVo Desktop is listed at the bottom under "Other". Click TiVo Desktop.

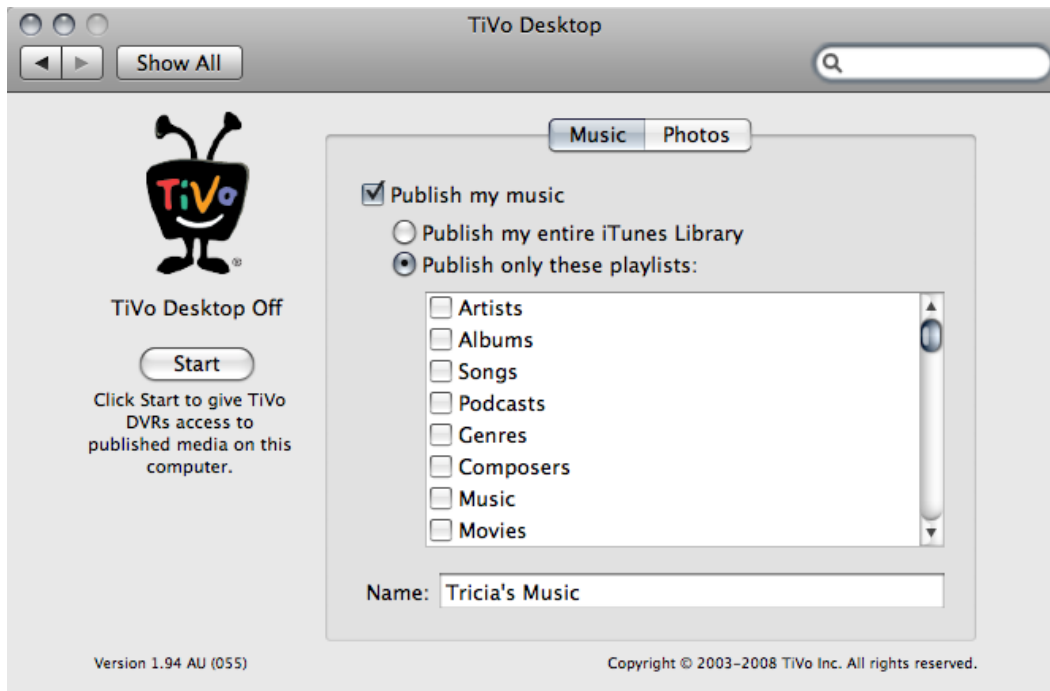


Observe copyright laws.

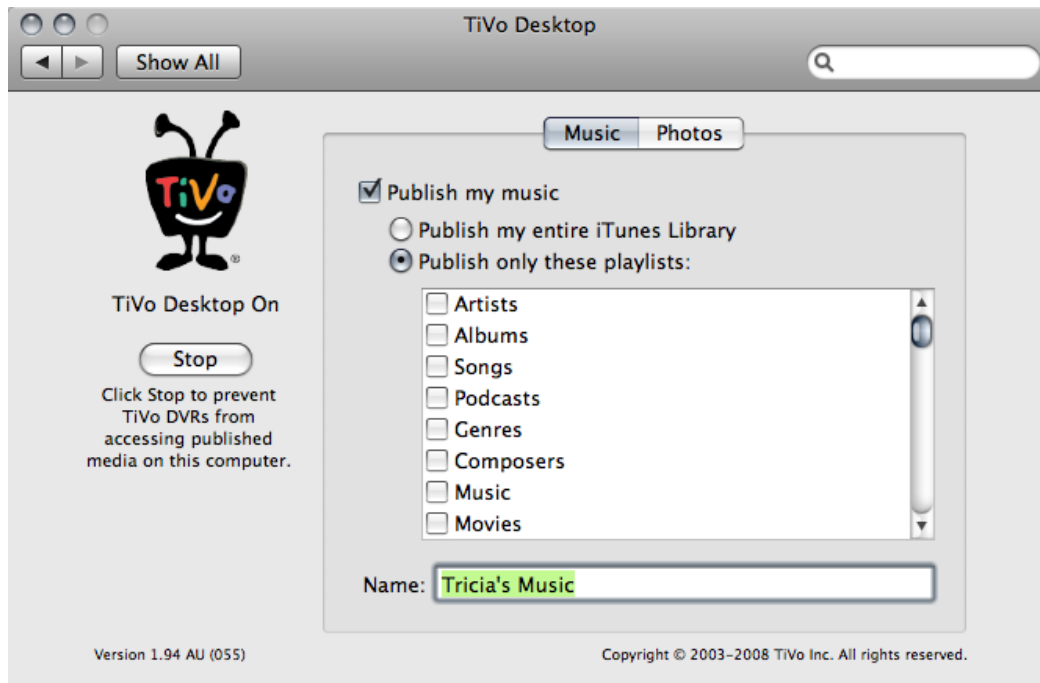
We are not responsible for and do not warrant the use, behaviour or performance of third party software or devices.

Copyright © 2009, Hybrid Television Services (ANZ) Pty Limited. All rights reserved.

- 2) The TiVo Desktop window will show up; on the left-hand side you will see a Start button. Click “Start” to begin the TiVo Server. You do not need to enter in a Media Access Key to use TiVo Desktop for Mac.



- 3) TiVo Desktop should now say “On” on the left-hand side. On the “Music” tab, look down at the “Name” field. This must be less than 52-characters, preferably as short as possible. Change the name to a short, recognisable moniker. Here I’ve chosen “Tricia’s Music”.



Observe copyright laws.

We are not responsible for and do not warrant the use, behaviour or performance of third party software or devices.

Copyright © 2009, Hybrid Television Services (ANZ) Pty Limited. All rights reserved.

- 4) Next you need to select what music you want accessible from your TiVo. Remember that the TiVo media device will only play MP3 files, NOT DRM protected music such as AAC or iTunes purchased files.



- 5) Now click the “Photos” tab at the top. Again, we need to edit the name (First time use only). Give your photos a short, recognisable moniker.



Observe copyright laws.

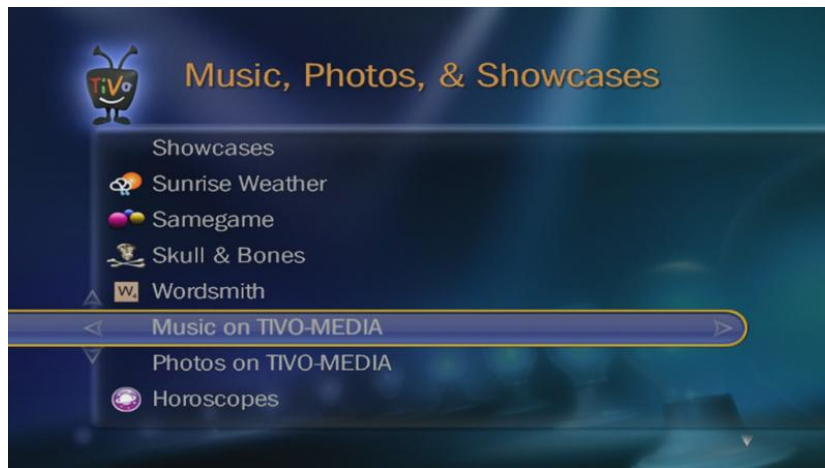
We are not responsible for and do not warrant the use, behaviour or performance of third party software or devices.

Copyright © 2009, Hybrid Television Services (ANZ) Pty Limited. All rights reserved.

- 6) Next select which iPhoto albums you want your TiVo to have access to. You can watch JPG, GIF, BMP, and TIFF files.



- 7) Now you can go to your TiVo media device and pull up the photos or music by navigating to TiVo Central > Music, Photos, & Showcases > [YOUR SELECTED NAME].



- 8) When viewing photos, use the remote to skip, RW, rotate, etc. Any rotations made with the TiVo media device will not be translated to your Mac.

When listening to your music, you can use your remote to rewind, fast forward, and skip around your songs. You can also use the numerical pad to skip to various songs in a playlist.

Troubleshooting Tips

Can't see your TiVo media device on TiVo Transfer? OR Can't see your Mac on your TiVo? Having trouble transferring video content or streaming music and photos?

This usually means you haven't rebooted your TiVo media device since installing TiVo Desktop. You can do this by either pulling the power plug and then plugging it back in, or going to TiVo Central > Messages & Settings > Settings > Restart. You will not experience any loss of settings or programs.

If this hasn't resolved your issue, try any of the following:

- 1) Open TiVo Desktop for Mac by going to System Preferences > TiVo Desktop. On the left hand side, the TiVo Server, click "Stop", wait 30 seconds, then click "Start".
- 2) Restart your wireless or Ethernet router, attempt transfer again.
- 3) Check that both your TiVo media device and Mac are on the same subnet. Check this by navigating on your TiVo media device to TiVo Central > Messages & Settings > Settings > Network. Read the IP address listed here. Now go to your Mac and open the System Preferences > Network Preferences. Read the IP address listed here under Status. The first 7 digits should be the same as your TiVo.
- 4) Check that TiVo is not blocked by a firewall on your router and/or Mac. The following ports (whether inbound or outbound) must be open to enable your DVR to communicate with the TiVo Servers, other TiVo DVRs, and your Macintosh:

- | | |
|-----------------|-----------------------|
| * TCP port 37 | * TCP port 8000 |
| * TCP port 443 | * TCP ports 8080-8089 |
| * TCP port 2190 | * TCP port 8101 |
| * TCP port 4430 | * TCP port 8102 |
| * TCP port 7287 | * TCP port 8200 |
| * TCP port 7288 | * UDP port 37 |
| * UDP port 123 | * UDP port 2190 |

If you have a software-based firewall such as Black Ice, Norton Internet Security, or McAfee Personal Firewall installed on your PC, it may be necessary to adjust your settings to enable the TiVo server to broadcast the TiVo Desktop beacon signal to your TiVo DVR(s). For more information on configuring your firewall, refer to the documentation provided by the firewall manufacturer.

Observe copyright laws.

We are not responsible for and do not warrant the use, behaviour or performance of third party software or devices.

Copyright © 2009, Hybrid Television Services (ANZ) Pty Limited. All rights reserved.