

TiVo® Australia/New Zealand Interface

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This driver helps to control the TiVo Series 3 HD PVR via Ethernet. It will allow you to control the PVR as well as providing 2-way feedback via variables. This driver was written using the protocol obtained from a US source and as such should work with the USA series 3 HD PVR though our testing has only been done on the Australian model.

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This driver is provided free of charge and as such we will not accept liability of any kind. If this is unacceptable please uninstall the driver immediately.

Note:

For this driver to work you **must** enable the network remote control option in your TiVo. To do this, bring up *TiVo Central* (the main menu), select *Messages & Settings*, then *Settings*, then *Remote & Devices* and finally *Network Remote Control*. In this menu select *Enabled*.

We would **strongly** recommend that you assign the TiVo PVR with a static IP address. Leaving the unit set to DHCP means that after say a power outage the IP address of the TiVo may change when your router restarts, as the XP-8 will not be aware of the IP address change the driver will cease to control the TiVo.

Please report any bugs found to bugs@mydevice.com.au. Include driver version number and steps to reproduce the issue where possible.

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Driver Configuration Settings:

IP Address Settings:

TCP Address – Set the IP address to the IP address of the TiVo i.e. 192.168.0.15

Functions:

Teleport Commands:

TiVo

This function takes you directly to the TiVo main menu.

Live TV

This function takes you directly to free to air TV.

Guide

This function brings up the TiVo on screen EPG.

Now Playing

This function takes you directly to the recorded programs list.

When you click on the “Teleport” command you will see a drop down field called “Destination” select the teleport command you wish to use and then click on “Teleport” and drag it to your button.

Set Channel Commands:

Set Channel

This Function allows you to jump directly to a preset channel for example: In Brisbane the Nine Channel "GO" is assigned the channel number 99. If you click on the "Set Channel" command you will be presented with a field called "Channel" here you can enter your channel number 99 for GO! then simply click on the set channel command and drag it onto your button and you're done.

Force Channel Commands:

Force Channel

This function is the same as the set channel command but it will allow you to force a channel change even if something is recording so use it with caution.

Key Press Commands:

Up, Down, Left and Right

These are the commands for navigating through the TiVo menu structure.

TiVo

This command takes you directly to the TiVo main menu.

Select

This command allows you drill through menu structures.

Live TV & Direct TV

Both commands take you directly to free to air TV (Free View).

Thumbs

Thumbs up and down allows you to tell the TiVo if you like or dislike a program, refer to the TiVo manual for more information on how this works.

Channel Up & Down

Allows you to navigate through the channel list.

Record

Starts recording whatever show you are currently watching.

Display & Info

Both commands do the same thing, which is to bring up an EPG information box on the show currently playing.

0 - 9

These commands form the TiVo numerical keypad and can be used for say entering a channel number.

Enter

Often used for confirming settings changes or can be pressed in conjunction with numerical keypad presses to make a channel change quicker.

Clear

This command is used within menu structures for various tasks such as deleting contents or navigating

back through a menu.

Play, Pause, Stop, Forward, Reverse & Slow

These commands are used during the playback of recorded content. Stop is not currently supported by TiVo but it is in the protocol so we have left it in, in case it becomes available in a future Firmware release.

Standby

Places the TiVo in Standby

Now Showing

This function takes you directly to the recorded programs list. It is the same as pressing the teleport command "Now Playing"

Replay

Takes you backwards in a recording

Advance

Toggles between the start and end of a recording.

Delimiter

Currently performs no function but we have included it any way in case it becomes active in a future firmware release.

Guide

Brings up the TiVo EPG and is the same as the Teleport "Guide" command.

Aspect

For aspect ratio controls

Events:

Events are not featured in this driver.

Examples:

Reversing button state based on the channel playing.

This example will walk you through creating a channel preset button that reverses state when that channel is playing.

Start by adding either a standard button or a toggle button to your page.

The screenshot shows the Tivo Standard Def [K4] interface on the left and the Library Browser configuration window on the right. The Tivo interface displays a grid of channel buttons (ABC 1, ABC 2, SBS, 7, WIN TELEVISION, 7 2, 7 3) and a central navigation pad. The Library Browser window shows the 'Variables' section with 'Assign to: Reversed State' selected. The 'Driver Commands' section lists 'Teleport', 'Set Channel', 'Force Channel', and 'Keypress', with 'Keypress' highlighted in blue.

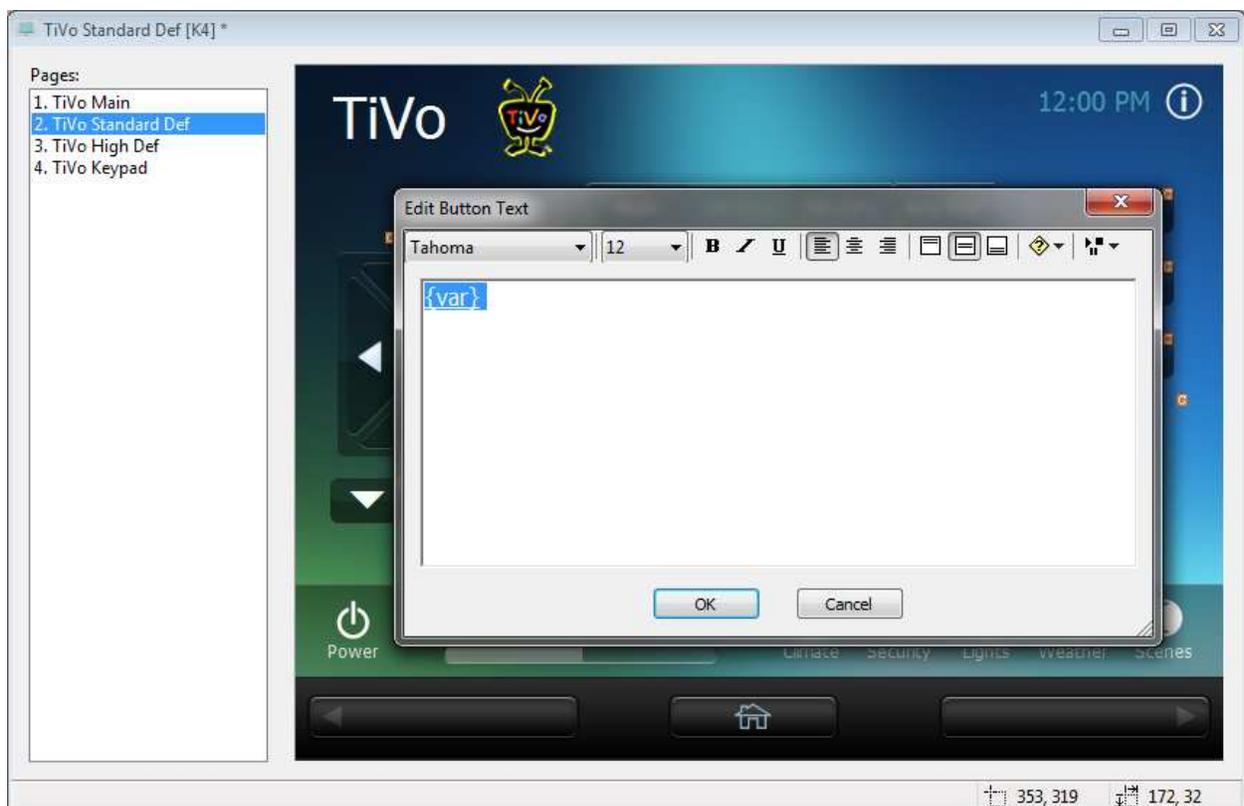
In the variables section of the driver browser select reversed state in the drop down and then select the channel number of your preset. ABC Two would be 22. Next click on 22 and drag it to the ABC Two button and you're done. Whenever ABC Two is playing now the state of the ABC Two button will remain reversed.

Creating a string index for a text box.

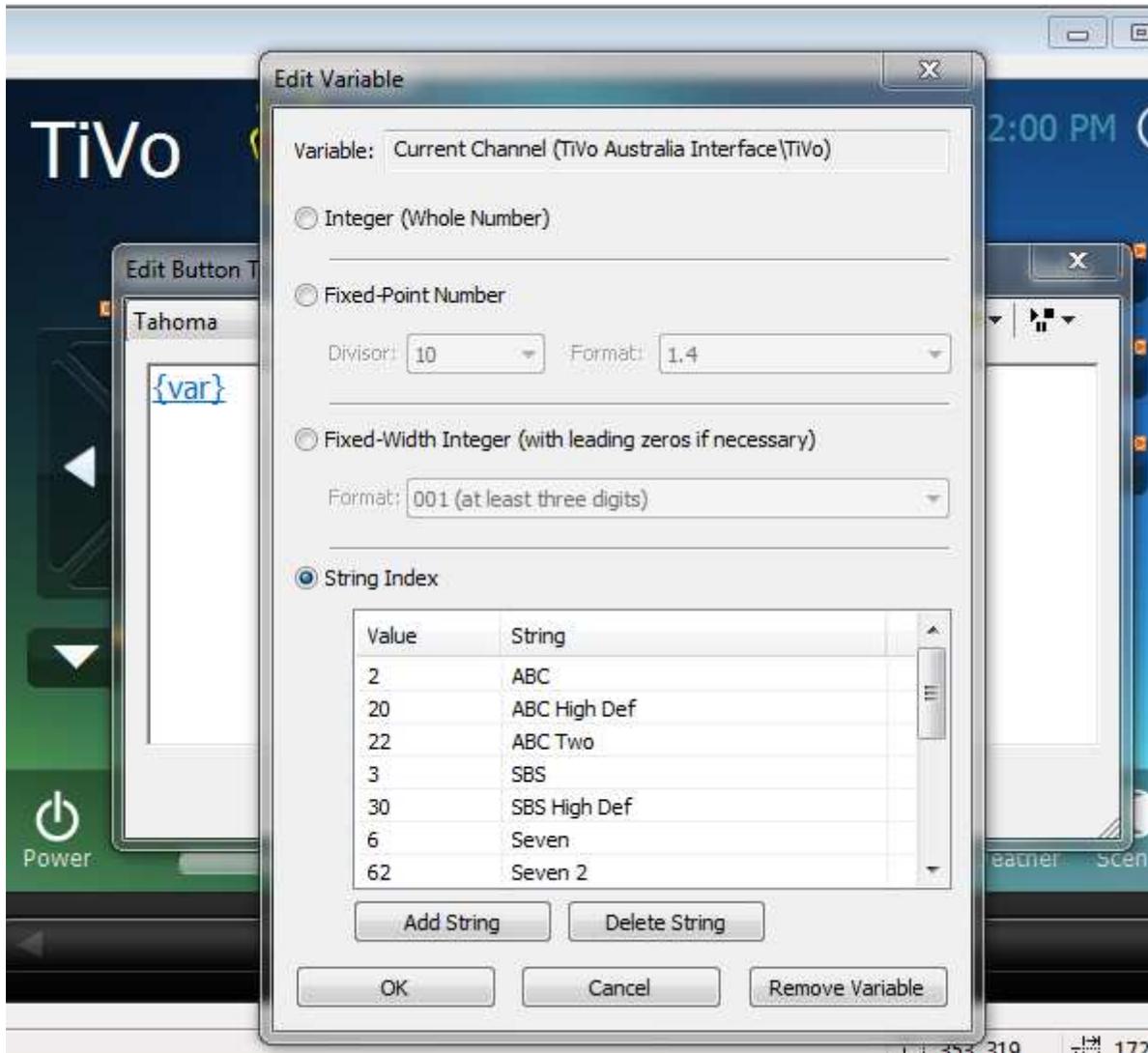
This example will walk you through creating a text box that displays the name of the channel currently playing.



Right click on the highlighted text box and select "edit text".



Click “Insert Control Variable” (yellow diamond with question mark) then select TiVo Australia Interface > TiVo > Current Channel. This will create your variable text as seen above. Click on it to edit the variable and select string index.



You will need to add a string to the index for each channel that you wish to display in the text box. The value that you give the string is very important as it is based on the number of the digital channel. So for ABC Two, which is 22 assign 22 as the value of the string. Next in the string section you will name the channel i.e.... “ABC Two” as seen above and you’re done! Repeat the process for each channel that you wish to display on the touch panel.

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