

TVR PCI TV Tuner Card

User's Manual

FCC Requirement



This device has been certified to comply with the limits for a Class B computing device pursuant to Subpart J of Part 15 of the FCC Rules. See instructions if interference to radio reception is suspected.

WARNING: This equipment generates and uses radio frequency energy and, if not installed and properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio or television reception.

It has been tested and found to comply with the limits for a Class B compliant device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna
- Relocate the computer away from the receiver
- Move the computer away from the receiver
- Plug the computer into a different outlet so that the computer and the receiver are on different branch circuits
- Ensure that the card's mounting screws, attachment connector screws, and ground wires are tightly secured
- Ensure that slot covers are installed in all unused slots

If necessary, consult your dealer, service representative, or an experienced radio/television technician for additional suggestions.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. It is the responsibility of the user to correct such interference.

The user may find the following booklet prepared by the Federal Communications Commission helpful:

How to Identify and Resolve Radio-TV Interference Problems.

This booklet is available from the Government Printing Office, Washington D.C, 20402, Stock No. 004-000-00345-4

NOTE: You must use shielded interface cables with a ferrite bead in order to maintain compliance with the limits for a Class B device

CAUTION: CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY
THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE
USER'S AUTHORITY TO OPERATE THE EQUIPMENT

Notice

The information in this document is subject to change in order to improve reliability, design, or function without prior notice and does not represent a commitment on the part of this company.

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This warranty is in lieu of any other warranty expressed or implied. In no event shall we be held liable for incidental or consequential damages, such as lost revenue or lost business opportunities arising from the purchase of a this product.

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1. Feature

- Fully PCI Rev 2.1 compliant
- Supports Windows 98/ME/2000/XP
- Full TV frequency range for CATV/VHF/UHF
- FM Radio (only for FM version)
- Combined S-Video & Composite video input
- Supports planner YUV data format
- Audio input from Video source
- Audio output to sound card or Speaker

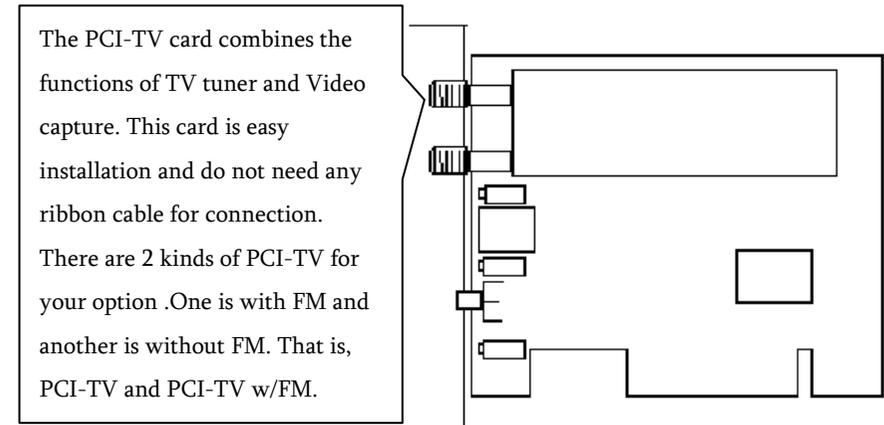
2. System Requirements

- Intel Pentium III 900MHz or higher and compatible computer
- A free PCI Bus
- SVGA support higher than 640x480 / Hi-color
- Sound Card support for audio mix functions
- Cable / VHF / UHF antenna
- Windows 98/ME/2000/XP
- DirectX Version 9.0 or higher

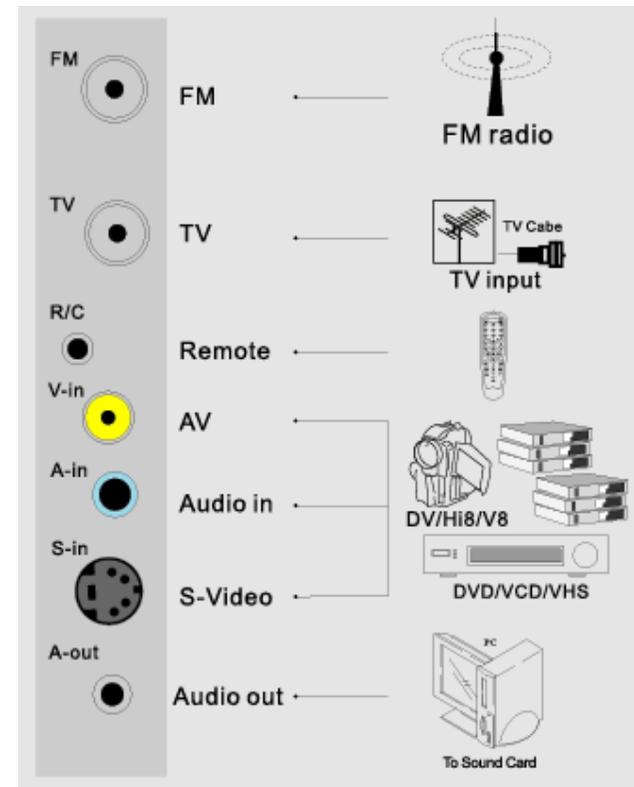
3. Package Contents

TV Tuner card	×1
CDROM Driver	×1
Cable: Audio cable	×1
Remote controller	×1
Remote receiver	×1
Battery	×2
User Manual	×1
FM cable (optional)	×1

4. Hardware Spec.

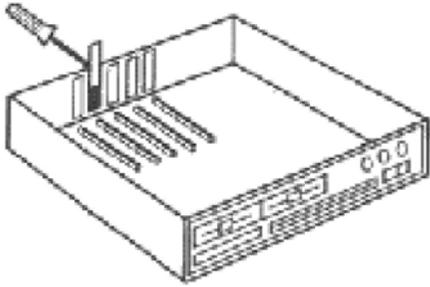


Hardware Connection:



5. Hardware installation

1. Turn off your computer first. Remove the case and insert this TV tuner / Capture card into a PCI slot. And put the PC case back.



** Make sure the card is well seated in the slot, and fasten it with screws.

2. Plug in the TV Cable to the TV card. (See previous page)
3. Plug the audio cable into the audio output port of this TV Tuner card. Connect to “Line-in” of sound card.
4. Plug in the Remote controller sensor. Put the receiver near your Monitor.

Caution:

When you plug-in or remove the connector of the receiver, please make sure your computer is power Off.

5. After completing the above steps. Turn on the PC to start Driver and Software installation.

6. Driver and Software installation

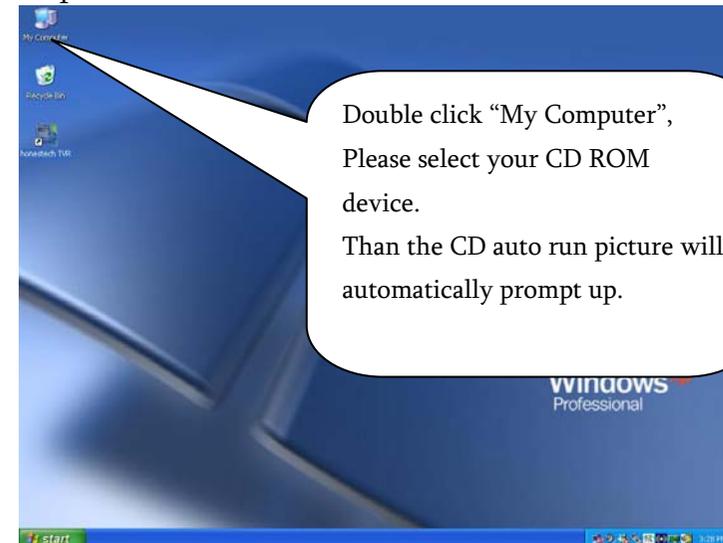
Step 1



Turn on the computer, Windows will auto detect new hardware. Insert the CD and press “Next”. The installation will auto find the driver in the CD

Follow the instruction to finish driver installation.

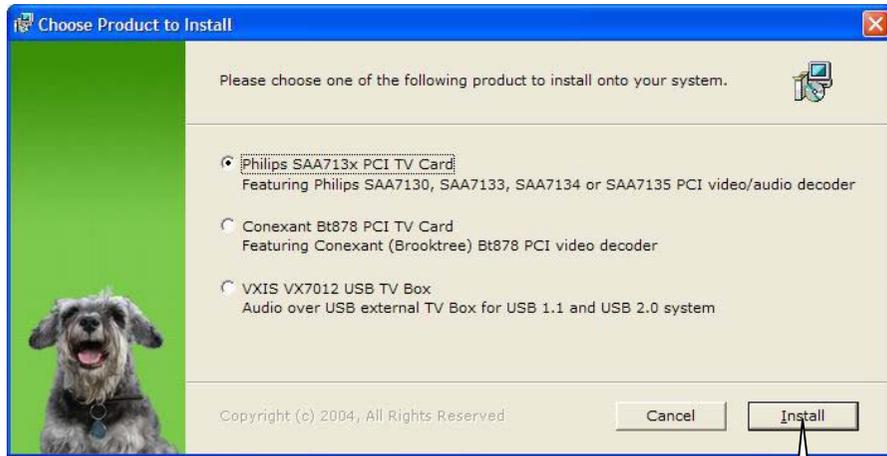
Step2



Double click “My Computer”, Please select your CD ROM device.

Than the CD auto run picture will automatically prompt up.

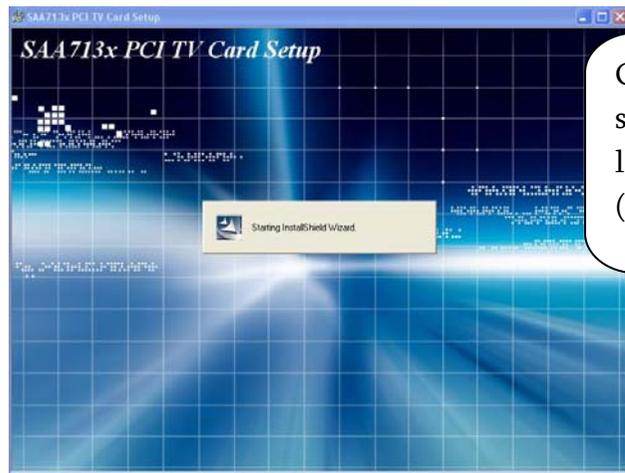
Step 3



Please choose 2 kinds of TV Card chipset (Philips 713x or Bt 878) or USB Box Installation.

Note-> To know TV Card Chipset type please see the S/No. Sticker on the Color Box or on the back side of TV card.

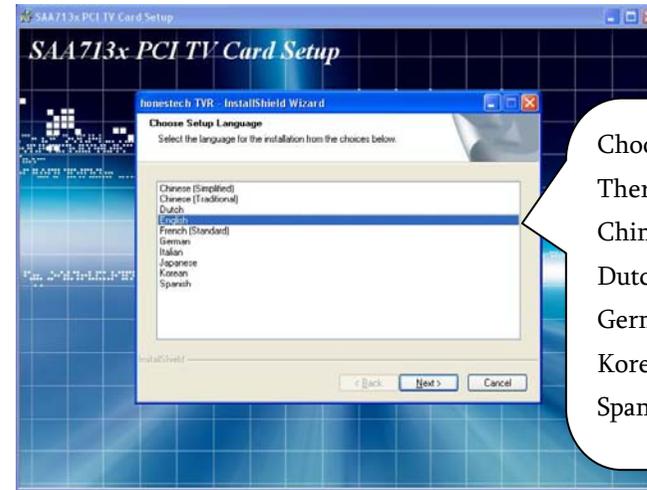
Step 4 (Example for Philips SAA7130 PCI TV card installation)



Click "Install" to start Setup page as left picture (Step 4).

Conexant Bt878 PCI TV Card installation is the same!

Step 5

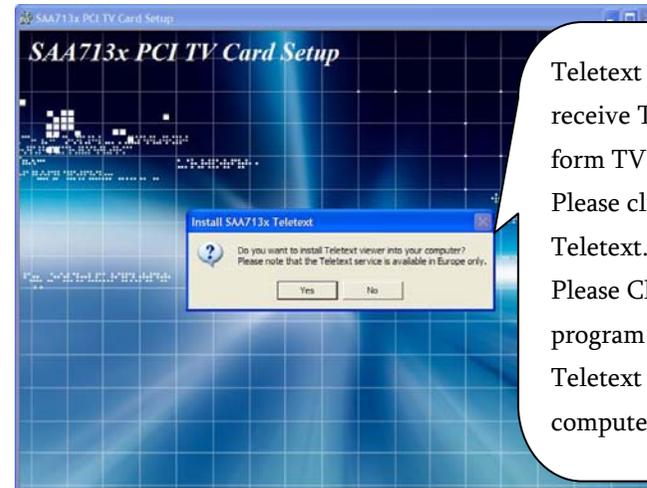


Choose Language
There are 10 languages: Chinese S. Chinese T., Dutch, English, French, Germany, Italian, Korean, Japanese and Spanish

Click next to continue.

There will install Media Player Codec, Honestech Application.

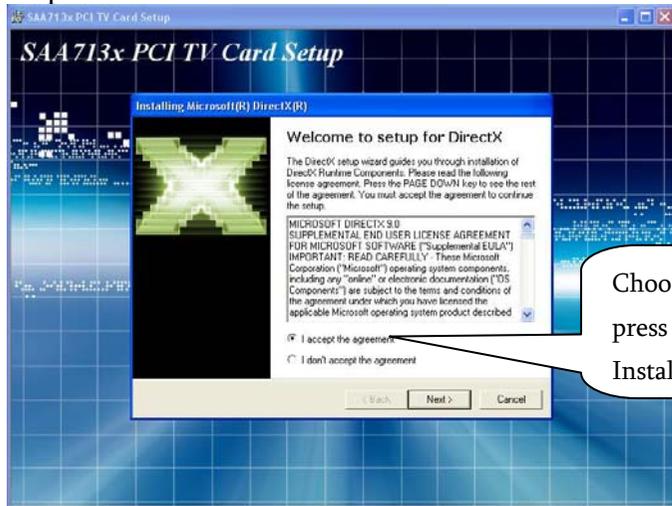
Step 6 Install Teletext



Teletext is a program to receive Text Information form TV station.
Please click "**Yes**" to install Teletext.
Please Click "**No**", the program will not install Teletext program in your computer.

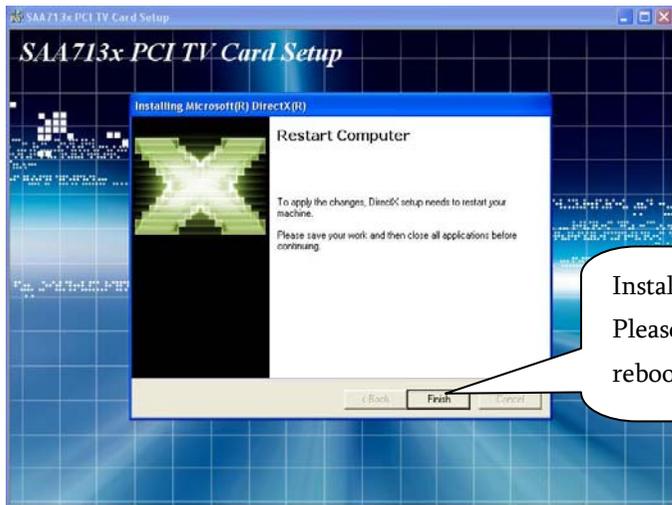
Note: Some Countries do not support Teletext information. So the installed program might receive nothing. (Read Page 25 for its operation)

Step 7 Install DirectX



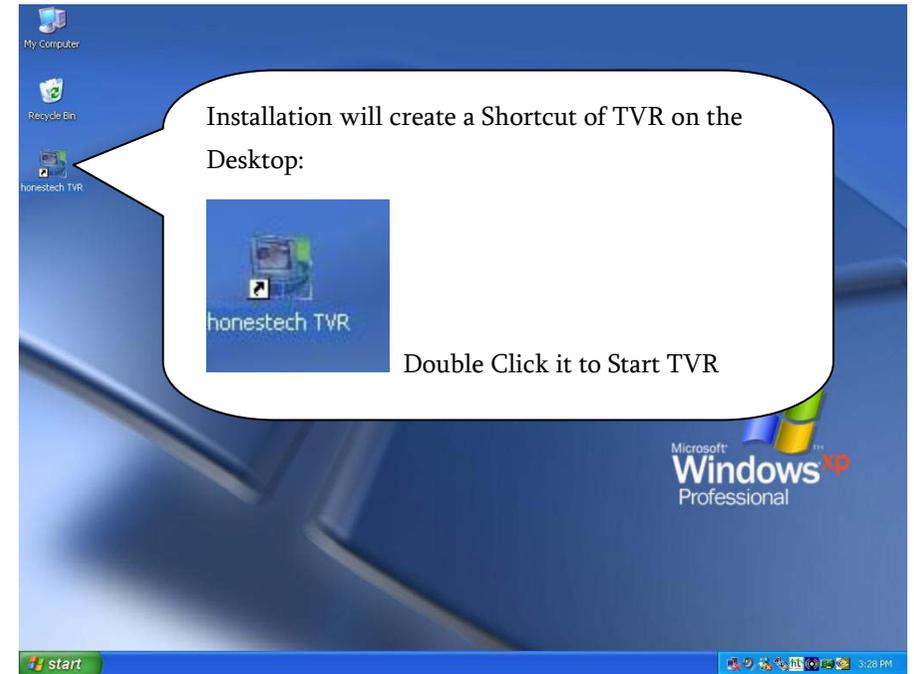
Chooses "I agree" then press Next to continue Install

Step 8



Install Complete! Please click "Finish" to reboot your PC.

7. Start the Software



First Start please input the CD Key:



...CD key only need to input at the first time.

TVR User interface:



8. How to use TVR



Click here to switch
TV =Antenna;
Cable = Cable TV

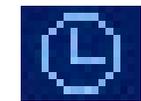
Input Source

Choose input source for TV/Composite/S-VHS/ FM (optional)



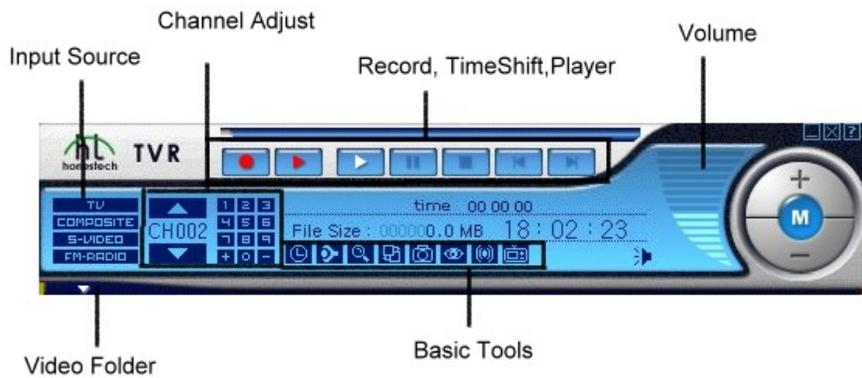
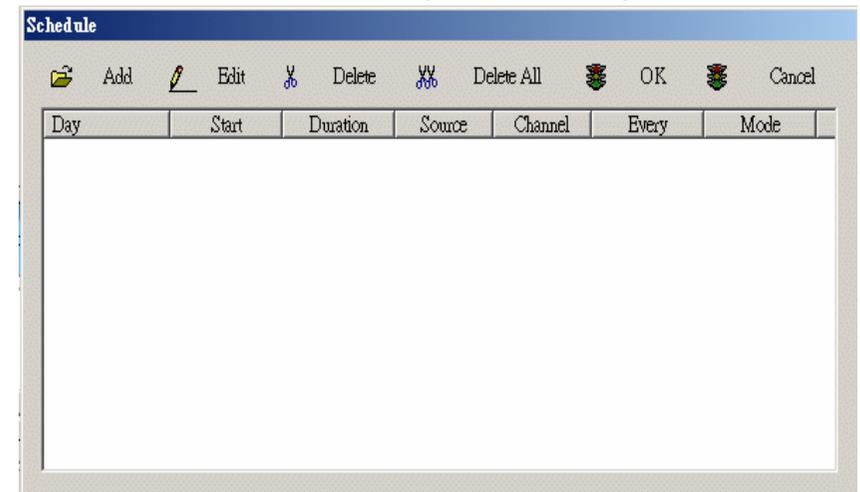
Channel Adjust

Click the arrow up or down to select channel.
Channel No. will show between the arrows.



Schedule Recording

Click this icon, will show a dialog box for setting schedule recording:



Description

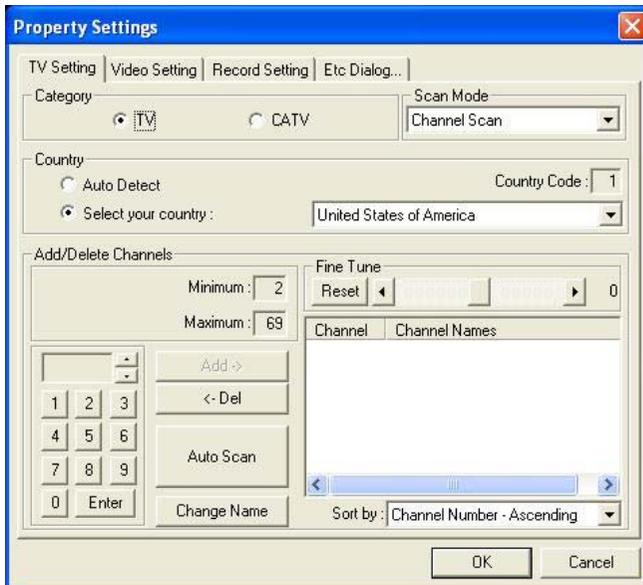
- Add** **Set a new schedule for recording**
- Edit** **Rename a recorded video file.**
- Delete** **Delete the selected video file.**
- Delete All** **Delete all video files from the list**
- OK** **Confirm all setting and exit.**
- Cancel** **Cancel all setting and exit**



Properties Settings

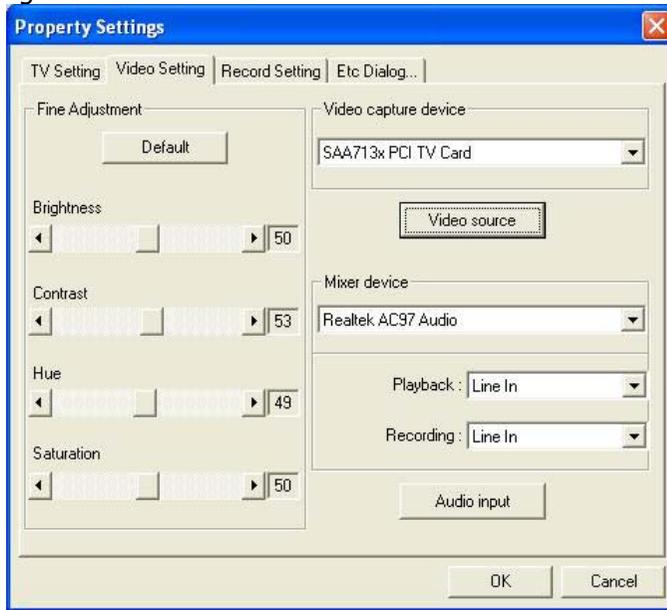
Click this icon for detail settings:

a) TV Settings



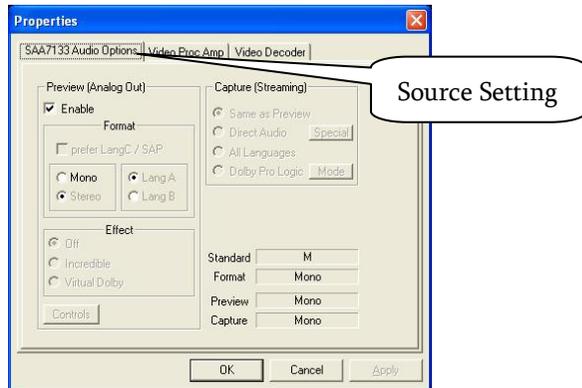
Category	Setting TV signal from Antenna or Cable (TV=antenna; CATV=Cable)
Scan Mode	Use Scroll to select: Channel Scan -> Scan by channel Table Frequency Scan -> Scan by each Frequency
Country	Set your country from the menu or simply set on "Auto Detect"
Add/Delete Channels	Click "Add->" to add a channel. Click "<-Del" to delete a channel. Click "Auto Scan" for channel scan. It will shows dialog box as below:  Please click "Yes to All" to save all channels
Change Name	choose any channel and click to rename 
Fine Tune	Adjust single Channel
Sort by	Sort by Channel No. or by Channel Name.

b) Video Settings



Fine Adjustment Setting Brightness, Contrast, Hue and Saturation; **Default** back to original setting.

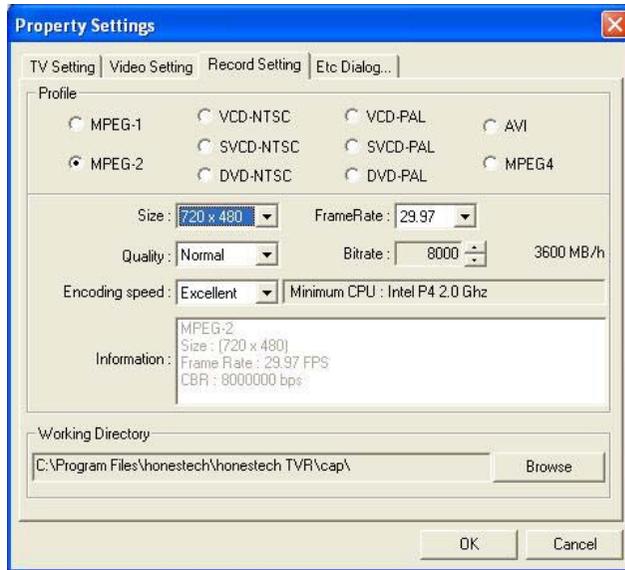
Video Capture Device Use the Scroll to select different Video Capturing Device. Click **Video Source** for detail setting:



Preview: Disable for overlay mode.

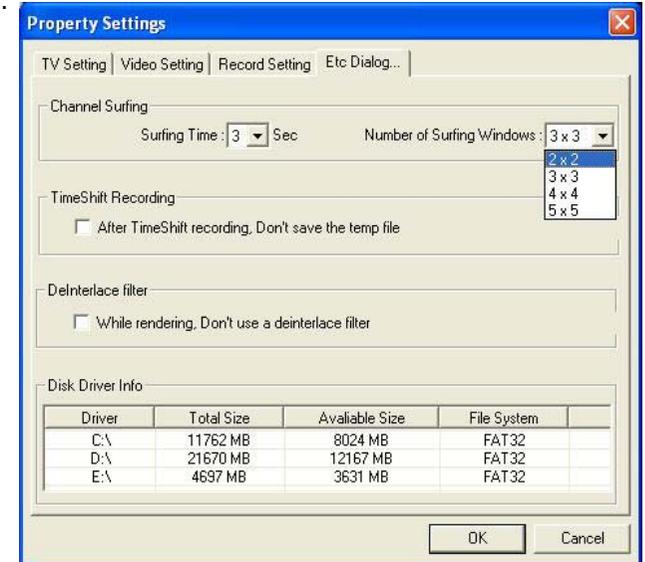
	<p>Set Brightness, contrast, hue, saturation and sharpness. Press "Default" for original setting.</p>
<p>Mixer Device</p>	<p>Set TV Format</p> <p>Select AC97 Audio for USB 2.0 TV/Capture * if you select other device, might cause sound crash.</p>

c) Record Settings

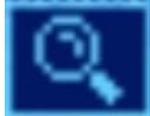


Profile	Select different Recording Format --- Select MPEG1 and MPEG2 you can set bit-rate for different Video Quality. --- Select other format for fix bit-rate
Working Directory	Set saving path for recorded Video

d) Etc Dialog ...



Channel surfing	Set Surfing Time from 1~10 sec. in Multi-Channel-Preview. Number of surfing Windows: set Multi-Channel-Preview at 4 windows (2x2) ~ 25 windows (5x5)
Time Shifting Recording	Select to save Video in HDD while activating Time-Shifting.
De-interlace Filter	Select to disable De-interlace Mode (Disable De-interlace will reduce Video Quality but will also reduce CPU Loading)
Disk Device Info	Show your HDD total Size and available Size. This info is only for your reference for you to set the length of recording Video.



Channel Scan

Click to start scanning channel.



UI Settings

Change different color of your control panel.



Snapshot

Make screen capture while playing back video.



Multi-Channel Preview

Click to open a window for channel preview. Please see **Page18** for Setting Surfing time and channels.



Audio Setting

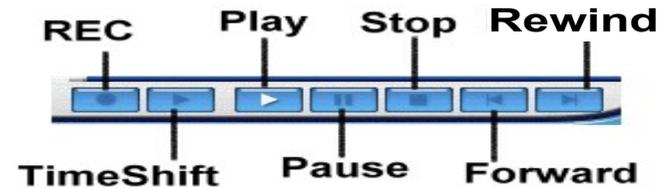
Click to select: Mono; Stereo; Main; Sap; Main+Sap.



iEPG

Click for internet Electronic Program Guide

Video playback control



- REC Click to record, click again to stop recording.
- Time Shift Activate Time-Shifting, click again to continue.
- Play Playback recorded video.
- Pause Pause while playing back.
- Stop Stop playing back.
- Forward Fast forward.
- Rewind Rewind

FM Control (optional function)



Click on me for **FM Radio**

Arrow Up for increasing Frequency.
Arrow Down for decreasing Frequency.
Center shows the current Frequency.

** Tip!

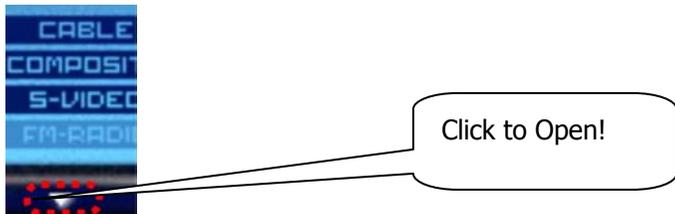
Use your No. pad of Keyboard to input Frequency and press "enter" to access the channel.

Volume control



Video Folder

Click to open record list as below. There are 3 functions.



Edit	Choose to edit what you have captured.
Mail	Choose to share your favorite picture or video with your friends.
View List	Show the list as small icon/big icon/details....

Help



Click to open online help file. There are further detail instructions to use the TV Plus software.

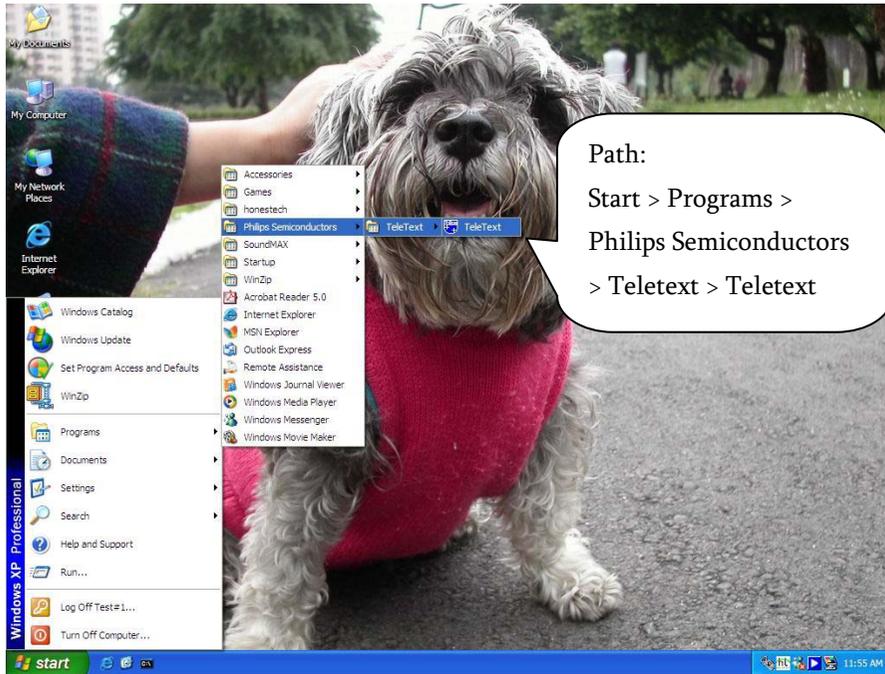
Mouse right click button

Use your Mouse right button on the TV screen to call instant function menu:

- Screen
 - Full screen
 - Normal
 - Minimize
 - 320x240
 - 640x480
 - 720x480
- Aspect Ratio
 - 4:3
 - 16:9
- Always on top

9. How to use Teletext

9-1 Start Teletext

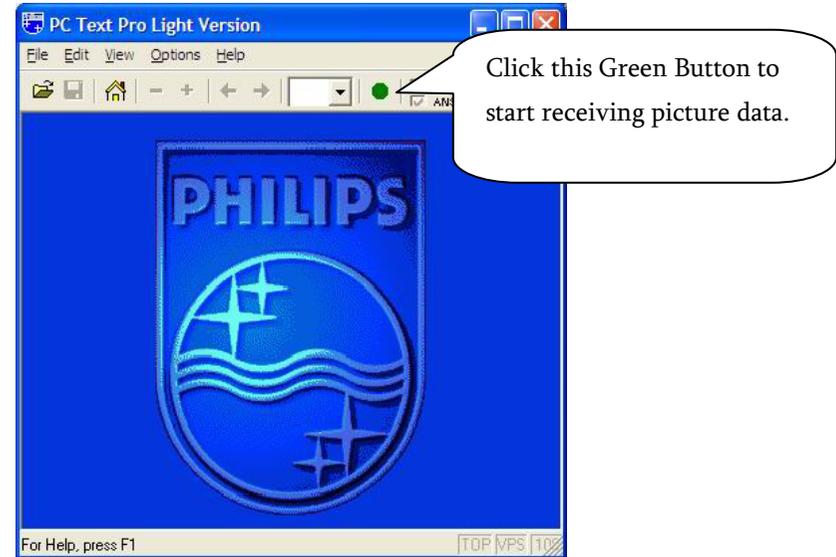


Teletext is a small program only for receiving Text data as a TV picture from TV Broadcaster. If TV Broadcaster does not send the data, then the Program will receive nothing.

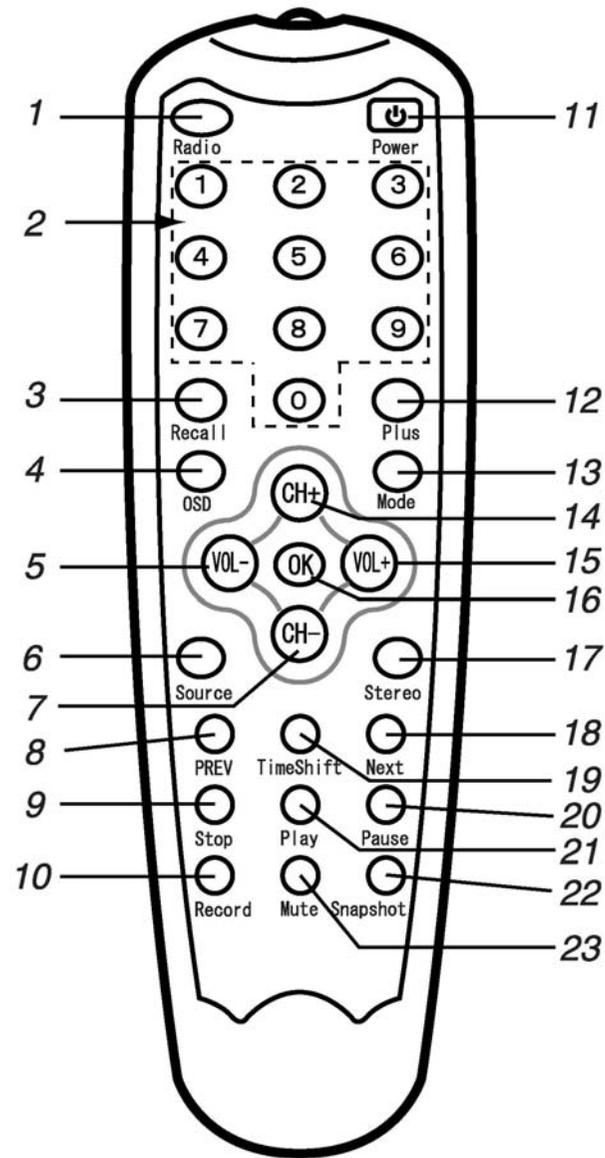


Text Data from TV Broadcaster like this.

9-2



Remote Controller



1.	Radio	Select Radio/TV (Optional)
2.	No. Pad	Input Channel No.
3.	Recall	Back to previous Channel
4.	OSD	Show/Hide <u>O</u> n <u>S</u> creen <u>D</u> isplay
5.	Vol -	Decrease Volume
6.	Source	Select Video input source
7.	CH -	Channel -
8.	PREV	Beginning point of <u>T</u> ime <u>S</u> hift <u>D</u> uration
9.	Stop	Stop video playing back
10.	Record	Record Video
11.	Power	Power On/Off
12.	Plus	Scan Channel
13.	Mode	Full screen / Cancel full screen
14.	CH+	Channel +
15.	Vol+	Increase Volume
16.	OK	Confirm input channel No.
17.	Stereo	Audio setting (mono/stereo/main/sap)
18.	Next	Ending point of <u>T</u> ime <u>S</u> hift <u>D</u> uration
19.	Time Shift	Start / End <u>T</u> ime <u>S</u> hift
20.	Pause	Pause while playing back
21.	Play	Play back video
22.	Snap Shot	Still picture capture
23.	Mute	Mute