

WinTVR User's Manual

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Federal Communications Radio Frequency Interference Statement.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, Pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio of television reception, which can be determined by turning the equipment off or on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

Notice:

- (1) The changes or modifications not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.
- (2) Shielded interface cables and AC power adapter, if any must be used in order to comply with the emission limits.

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1 Introduction

WinTVR is a full function PC TV tuner display software, it let you watch TV on full screen or TV in a window, and record the TV program while watching or on specified time. With the IR remote control handset, you can control volume up and down, channel up and down, and even power off your PC by remote handset.

You can direct record your video from VCR, DVD play and Camcorder into Mpeg1/2/4 files, or snapshot the video into picture files.

WinTVR has a deluxe user interface, easy to use, with the support of your hardware, it can supports FM radio listening and MP3 recording.

Features:

- Easy to install, user friendly interface, easy to use
- Full function TV watching
- Schedule TV recording
- Full function IR remote control
- Full channel scan and fine tuning
- Support AV and S-video input
- Real time recording Mpeg1/2/4 video and audio files, MP3 audio files.
- World wide standard support (depends on the hardware)

Functions:

- Schedule recording: By weekly, daily, monthly, you can set watch and/or recording specified channel at specified time;
- Multi-channel preview: You can preview up to 16 channel at one time
- Snapshot: Can snapshot the TV program.
- Window scaling: Can change between the full screen and in one window
- Video desktop: Can put the video to be the background of the desktop

Installation

When you insert the WinTVR CD into your CDROM, it will automatically run setup, if not, please browse the CD, and select "setup.exe", and double click, can start setup.

Upgrade

Please always check our website to find the new version

<http://www.geniatech.net/download.asp>

Uninstall

You can choose “Add/Remove software” in control panel, and select “Uninstall WinTVR” to uninstall WinTVR.

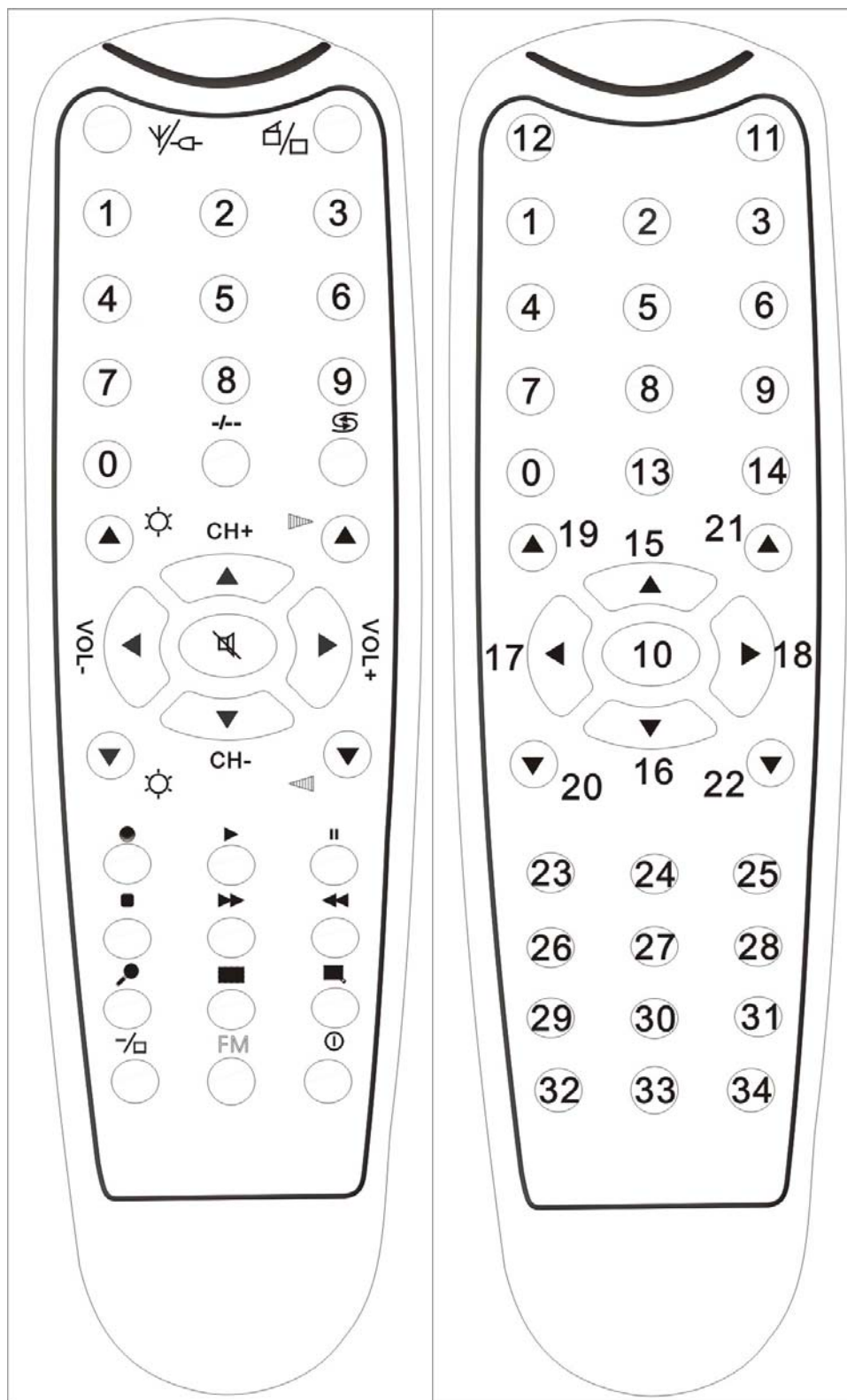
2. IR Remote Handset

Buttons and key definition

Note

More function IR Remote can not use on other devices , VCD or Satellite decoder device.

Remote Key



Keys	WinTVR	WinTVR FM
0-9	Digit keys	Digit keys
10	Mute	Mute
11*	Open/Close WinTVR	Close WinTVR FM
12	Select Video source	Back to WinTVR TV function
13	One digit/Two digit	One digit/Two digit
14	Previous Channel	Previous Channel
15	Channel up	Channel up
16	Channel down	Channel down
17	Volume down	Volume down
18	Volume up	Volume up
19	Brightness up	No use
20	Brightness down	No use
21	Stereo/Mono	Fine tune up
22	Teletext	Fine tune down
23	Record	Record
24	Play	Play
25	Pause	Pause
26	Stop	Stop
27	Fast Forward	No use
28	Back Forward	No use
29	Scan	Scan
30	Snapshot	No use
31	Show/hide control panel	No use
32	Full screen	No use
33	Open WinTVR FM	No use
34*	Close PC	Close PC
















Caution










The FM radio related functions key only active when the hardware supports FM radio.

3 WinTVR User Interface


Main Program interface



ICON	Hot key	Description
		Minimize
	Z	Full screen, window and video desktop switch
	X	Exit WinTVR
	Page Up	Jump to next channel
	Page Down	Jump to last channel
	L	Back to previous channel
	V	One digit/Two digit
	0-9	Digit keys
	A	Auto scan channel
		16 channels preview
		Setup menu
	P	Snapshot
		Play the recorded files
		Switch to FM
	Ctrl+R	Start to record
	Ctrl+P	Play

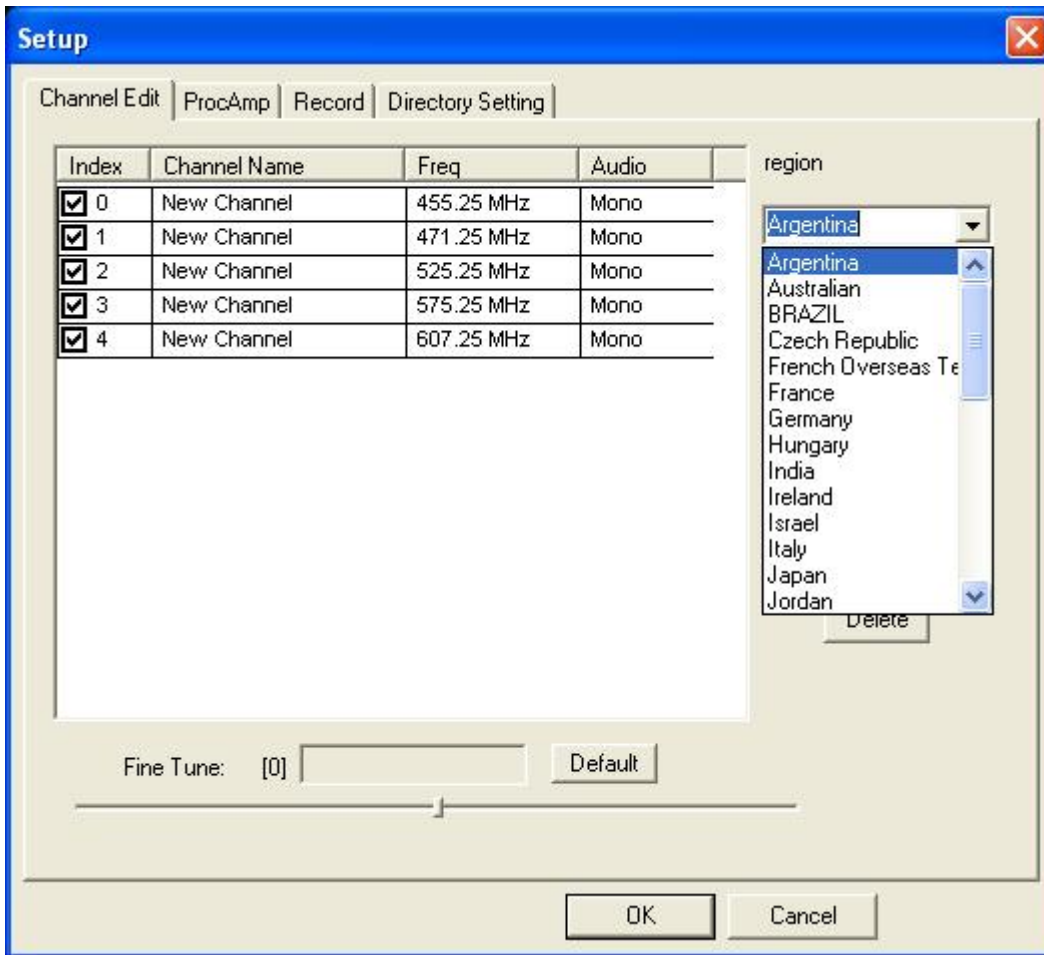
	Ctrl+P	Pause
	Ctrl+Shift+F	Fast forward
	Ctrl+Shift+B	Back forward
	Ctrl+S	Stop
	M	Mute
	Right Left	Volume bar
		Schedule recording
		Status window
		About

3.1 Setting

Click  on WinTVR to setting all the Function.

3.1.1 Channel list edit

WinTVR auto scan all channels, you can edit your favorite channels.




Please choose your country and area firstly and before scan channel as shown (sample picture is Chinese)



1. Channel Scan

Full channels scan, scanning as your wish.

(1) Press  to start WinTV, the WinTV auto scan all channels as the country and the area, you also can find the Key of auto scan in channel editing menu.

(2) When WinTV is scanning channels, program will be close the volume, and show the channel on left

Caution: Select correct region you are locating before you scan, wrong region selection may causes incorrect results.

2. Channel Rename

You define channels name as follows:

Step1 Show the important channel

Step2 Press the right key on mouse, you can change the channel name

Step3 Input the new name

If you want to change other channel's name, please repeat Step1 to Step3.

3. Channel fine tune

WinTVVR provide fine tune function. Usually, WinTVVR provide the best quality image, so the fine tune is not the normal step.



4. Channel Skip and restore

Channel Skip: If you don't want watch a channel, by click and give a tick on "index", WinTVVR will skip this channel when you press "channel up and down" button:

Index	Channel Name	Freq	Audio
<input type="checkbox"/> 0	New Channel	455.25 MHz	Stereo
<input checked="" type="checkbox"/> 1	New Channel	471.25 MHz	Mono
<input type="checkbox"/> 2	New Channel	525.25 MHz	Stereo
<input checked="" type="checkbox"/> 3	New Channel	575.25 MHz	Mono
<input checked="" type="checkbox"/> 4	New Channel	607.25 MHz	Mono

Channel add: Press the "Add" button, you can add a new channel then define channel name and frequency



5. TV Standard

TV standard is different by the country you locate:

NTSC: (National Television Systems Committee): America, Taiwan, Canada, Japan, middle Africa and South Africa.

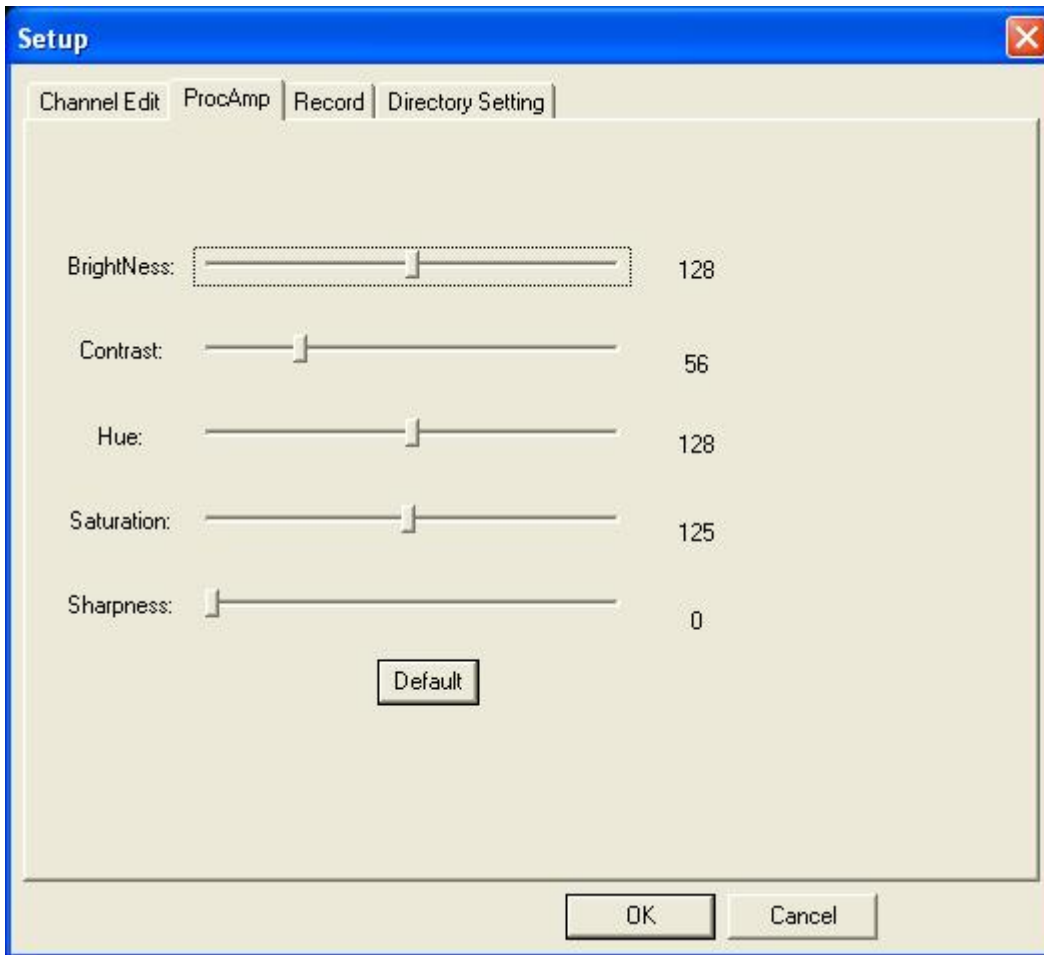
PAL: (Phase Alteration Line): Europe, China, Australia, Middle America and South America.

Secam: France, Afferica, Middle east

3.1.2 Color Control

Change the brightness/contrast/color/saturation/definition to the specified value

And if you want to default, you can press the default button:



Remark

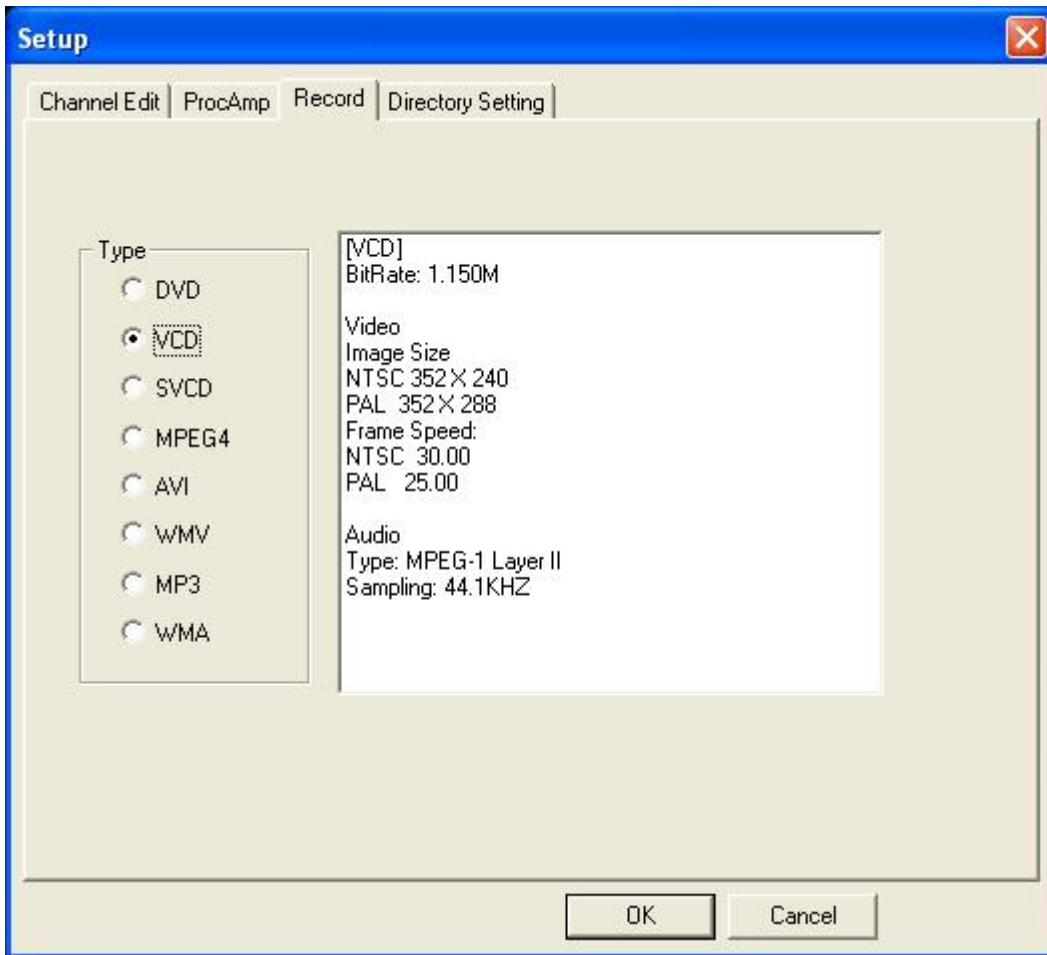
No image in watching programs, you can use the default key to solve this problem

3.1.3 Recording option

Format: DVD/SVCD/VCD/AVI/MPEG4/WMV/MP3/WMA

Video bit rate: Bigger bit rates will cause more disk space usage, but will bring better video quality;

Audio bit rate: Higher audio bit rate will cause more disk space usage, but better audio quality.



Remark

High quality image need more space, if space is limited, you should adjust the recording setting to help you save long programs

3.1.4 Saving path setting

You can choose the direction to save the still images or video files.

You also can press **Browser** to check the direction of images or video files.

3.2 Mouse Right click

When right click the mouse, a popup menu appears:

3.2.1 Most top

The TV Window always on the top

3.2.2 Display panel

Show/Hide WinTVR control panel

3.2.3 Full-screen mode

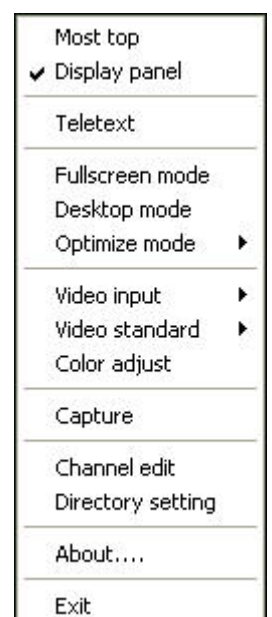
Enlarge the window to full screen, double click on the screen will return to window mode

3.2.4 Desktop mode

Watching TV on operation system

Press  on control panel can return windows mode

3.2.5 Optimize mode

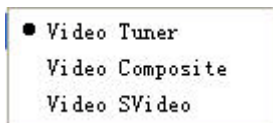


Change the video displaying method to still image/motion image/best enhance/no image enhance The default mode is enhancement.

3.2.6 Video Input

Select video source

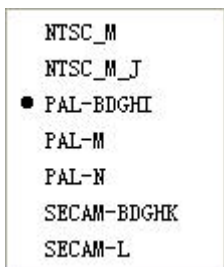
There are three choices: TV, Composite and S-Video. Default is TV.



3.2.7 Video Standard

Change the video format to PAL/NTSC/SECAM

Default as PAL-BDGHI.



3.2.8 Color adjust

Adjust the color and brightness of the image.

3.2.9 Capture

Take a single frame snap shot

The format of default as .bmp

3.2.10 Channel editing:

You can edit your favorite channels. For more info please refer 3.1.1.

3.2.11 Directory setting

Select which directory to save the recordings and images. For more info please refer 3.1.4

3.2.12 About...

Show version info



3.2.13 Exit:

Exit application

4 WinTVR usage

4.1 Recording

WinTVR support MPEG-1 and MPEG-2 format

4.1.1 Recording: Press  when watching TV program to recording. Press  to stop recording. You can name this file or save as default.

4.1.2 When recording program, panel provide the real-time recording information and shield some information about recording



4.1.3 Recording space

Disk space depend on the format when you recording. There is some information for you reference.

Format	Resolution	Video bit rate (Mbps)	Audio bit rate (Kbps)	Disk Space
NTSC DVD	720*480	6	224	2.6GB/hr
NTSC SVCD	480*480	2.42	224	1GB/hr
NTSC VCD	352*240	1.15	224	600MB/hr
PAL DVD	720*576	6	224	2.6GB/hr
PAL SVCD	480*576	2.42	224	1GB/hr
PAL VCD	352*288	1.15	224	600MB/hr
AVI	352*288		224	
MPEG-4	352*288		224	
MP3			224	

Note

Please choose right format when recording TV program

4.2 Schedule Recording

You can record your favorite program as you specify, such as from Monday to Friday Schedule recording
The WinTVR can power on PC if the hardware supports Power UP function

Note

If you want to use Schedule Power ON function, you have to connect the related hardware.

4.2.1 Schedule Recording

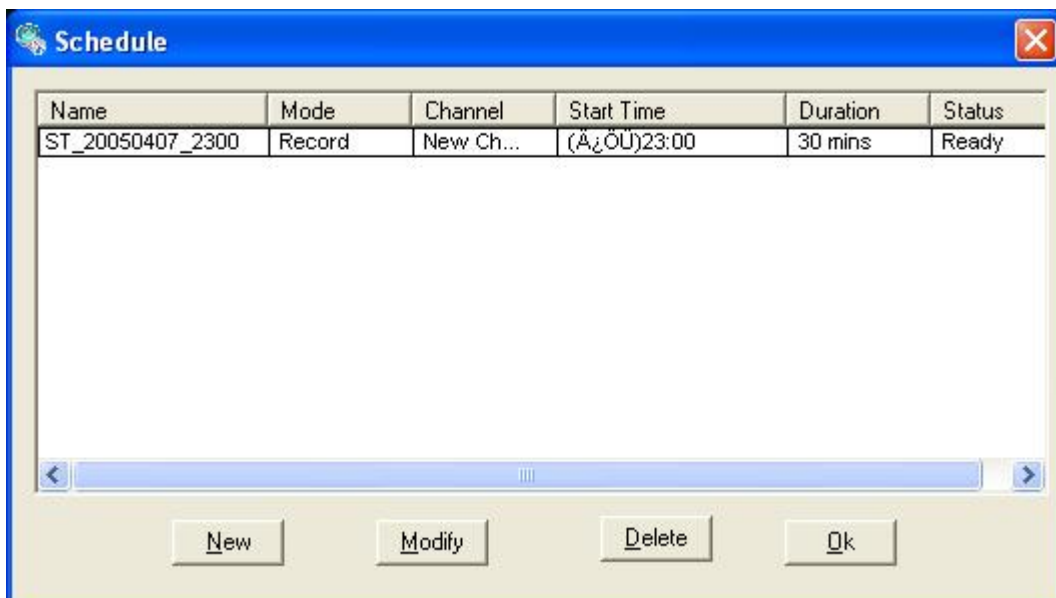
Press  to start Schedule Recording

New: Add a new schedule recording

Modify: Modify the task you have chosen

Delete: Delete the task you have chosen

OK: Press the button, all schedule recording tasks on active



4.2.2 Add task.

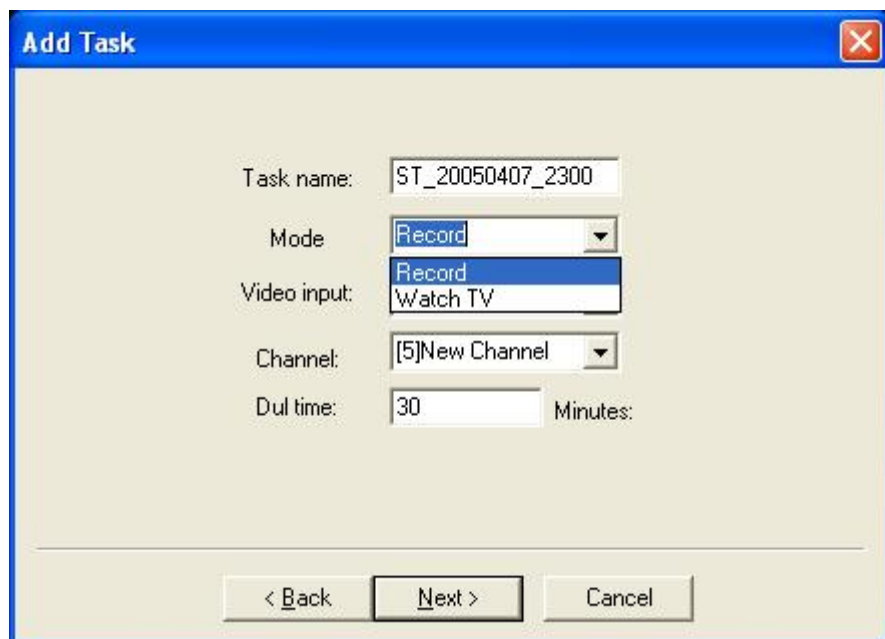
Name: The name of new task

Mode: There are two option: Recording or Video.

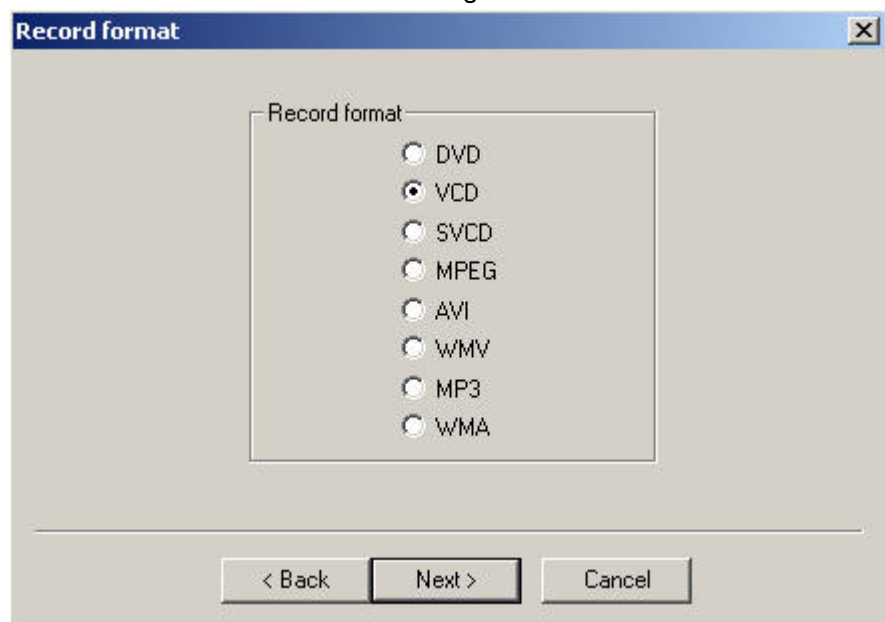
Video input: TV/Composite/S-VIDEO

Channel: Under TV condition, you can choose channel you need.

Duration: The recording duration time of task. Minimize: 2mins, Default as 30mins



4.2.3 Click "Next" to choose recording format.

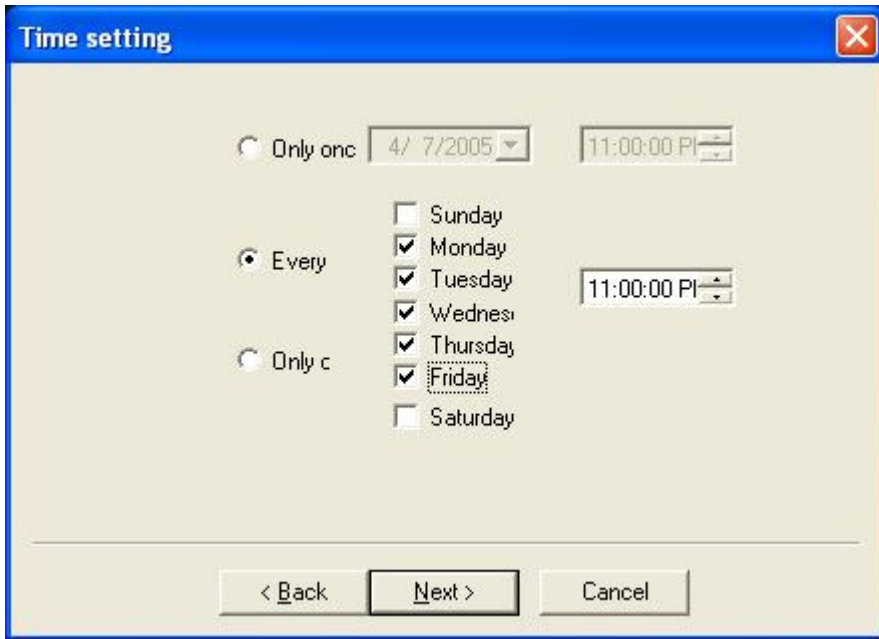


4.2.3 Click "Next" to date and time setting.(Time as 24 hours)

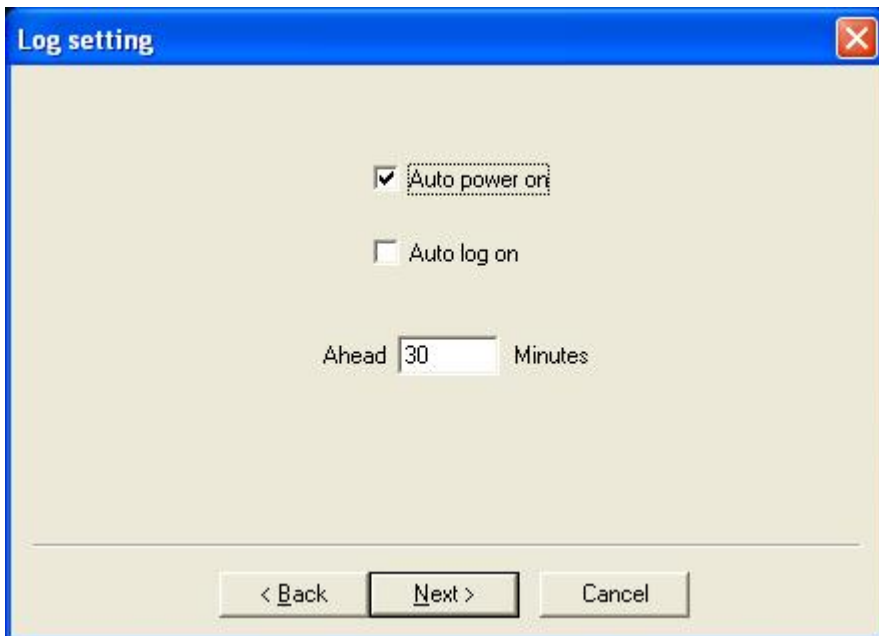
Only once: Only one time every action.

Every week: Repeat recording, you choose one day every week or some days in one week.

Every day: You can record every day.



4.2.5 After time and date setting, click “Next” to continue



- A Auto power on: Let the schedule recording on active after you PC schedule power on(need hardware support).
- B Auto log in: When you need user name and password to login windows, choose it to active this function, then you PC will schedule recording function when in sleeping or power down. If the hardware has no schedule recording function, you can not use this function. When you choose this function, you will have this information as follow:



User name: Type your account, which can be used as an user name to login

Password: When press password to login, WinTVR take it automatically

Caution

If you use Auto log on function, you should press user name and password to login Windows. WinTVR is not able to show your information anywhere.

C Ahead power on time: Power on PC and then record, normally you need boot your PC in advance, type in the time you want boot earlier than your record time.

4. 2. 6 After log setting, click "Next" to start schedule recording setting, then you need decide how to finish the recording:


There are three kinds of situation

Auto shut down: After recording, system auto shut down (Power off the PC)

Exit: Exit WinTVR and keep PC on (WinTVR will exit)

Continue: Continue watching TV (keep WinTVR alive)

4.3 Video playing


4.3.1 Press , open files you recorded earlier and choose the files you want to play, double click or press "Open" button.



4.3.2 While playing, control panel will show time information and functions about playing



4.4 Snapshot

4.4.1 When watching press  button to capture the picture and save as .bmp format.

4.4.2 After pressing snapshot button, system will promote you to save this picture, double click this picture you will interview and editing.

4.4.3 When you want to delete picture, please press Delete button.



4.5 Channel preview

Before previewing, you must finish the channel scanning.


Change channel:


4.5.1 When watching TV, press  or  to switch fast forward or back forward channel

4.5.2 **Page Up** and **Page Down** on keyboard, or IR Remote provide the same functions. Press the digital keys



to jump specified TV channel, If you want to watching TV channel number is bigger than

10 (or above), you should press  firstly.

4.5.3  to return the channel previously.

Remark

Prefer channel setting instruction when there have some channels lost

16 channel Preview















Press **16** button to 16 channel preview at the same time. Choose the right channel straightly to watching by click mouse on the small window.











5 WinTVR FM User Interface

Main Program



ICON	Description
	Show WinTVR FM Vision info
	Minimize
	Close
	Fast forward
	Back forward
	Return the forward channel
	Digital keys
	Function Setting
	Auto scan
	Open
	Switch to WinTVR
	Recording
	Play
	Pause



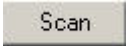

	Stop
	Mute
	Increase/decrease volume
	FM Frequency status
	Recording status
	Playing status
	FM Radio status
	Time status

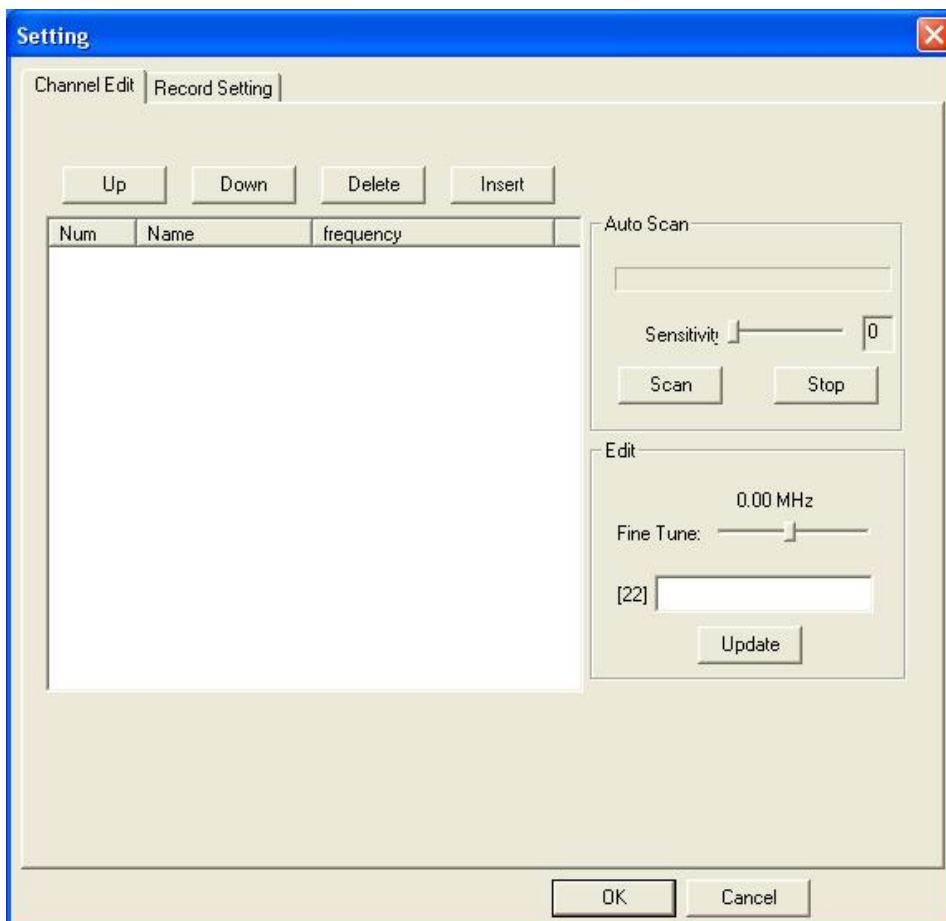
5.1 Function setting

Press  to set all functions

5.1.1 FM channel setting: WinTVR FM auto scan available FM channels. You also defined your favorite radio channel list by yourself.

5.1.2 Auto scan: Full channels scan, you could scan as you wish anytime.

Press  to start auto scan, press  to stop at anytime. You also should open channel setting menu in function setting, press  to scan, if you need to stop, press  button.



5.1.3 FM Channel Rename

You define channels name as follows:

Step1 Show the important channel

Step2 Press the right key on mouse, you can change the channel name

Step3 Input the new name

Step4 If you want to change other channel's name, please repeat Step1 to Step3.

Step5 Click update to update your change


Step6 Press **Up** and **Down** on keyboard adjust channel which need modified

5.1.4 Channel Fine tune

You can fine tune the channel you want



5.1.5 Insert Channel

Press  in channel editing menu, you can define channel name and frequency.

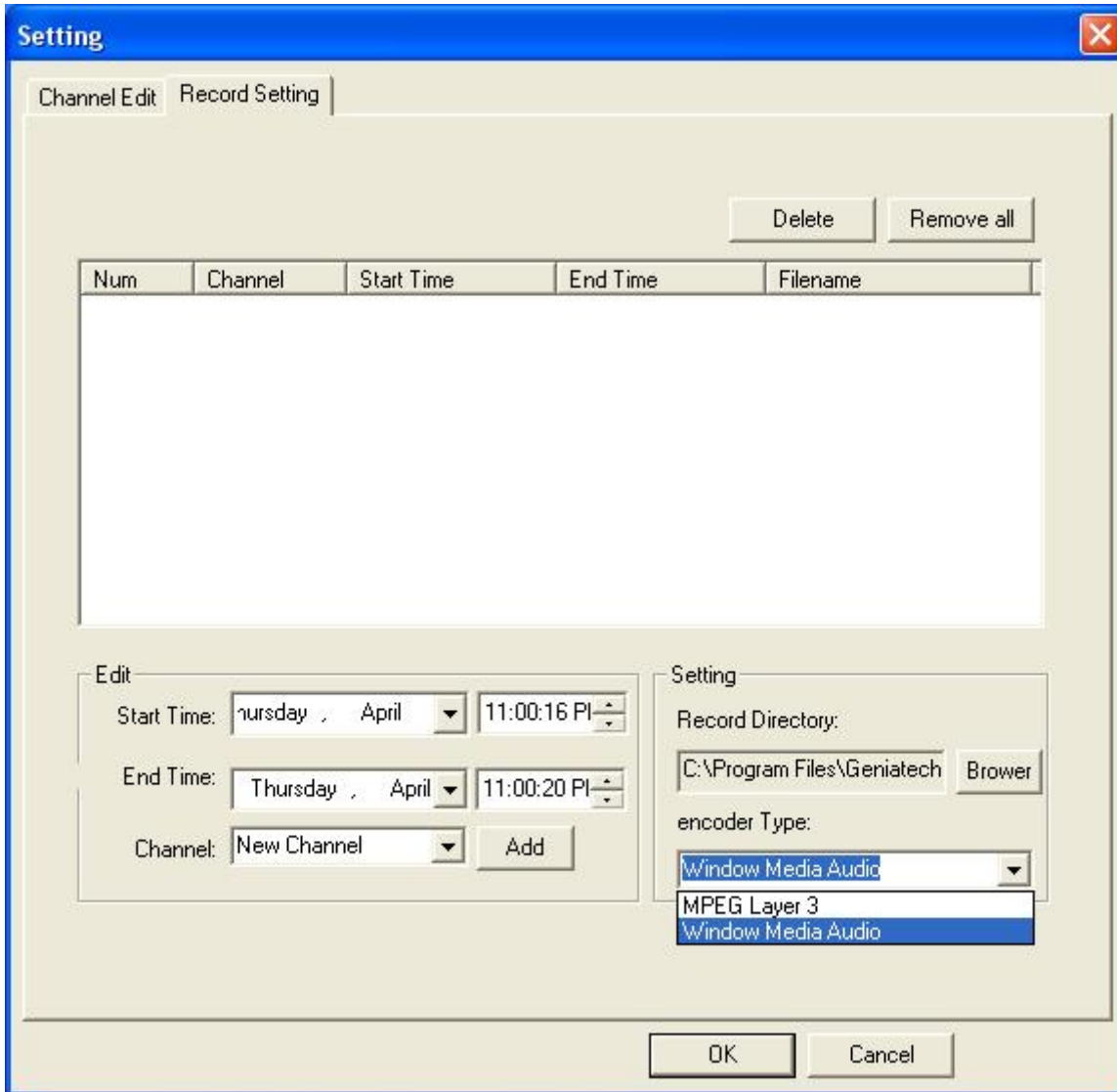


Input the name of channel

Input the frequency as you know

Click "OK", the new channel show on the form.

5.2 Record Setting



- Record format
Two options are: MP3 and WMA
- Record Directory

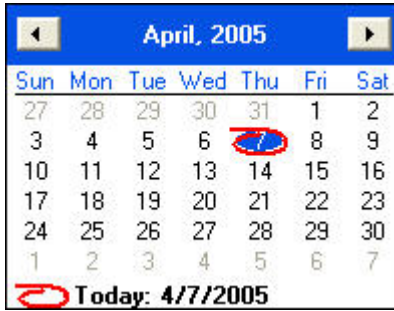
Click **Browser** to select the directory

- Schedule Record Setting

1. Select the start of date and time, then select the end of the date and time. Click **Add** auto name the file.
2. Press "Delete" button to delete task, also press "delete all" to delete all tasks one time.
3. If system show this information that means have conflict, please check the time of the task.




4. Schedule date as follow: (Pay attention to the Red circle)



6 Using WinTVR FM

WinTVR FM is a digital application, and you can record the audio to file directly in MP3 or WAM format

6.1 Recording:


6.1.1 When you are listening FM, press  to recording in real time. If you want stop recording, press it again, then you can type a name for the file.

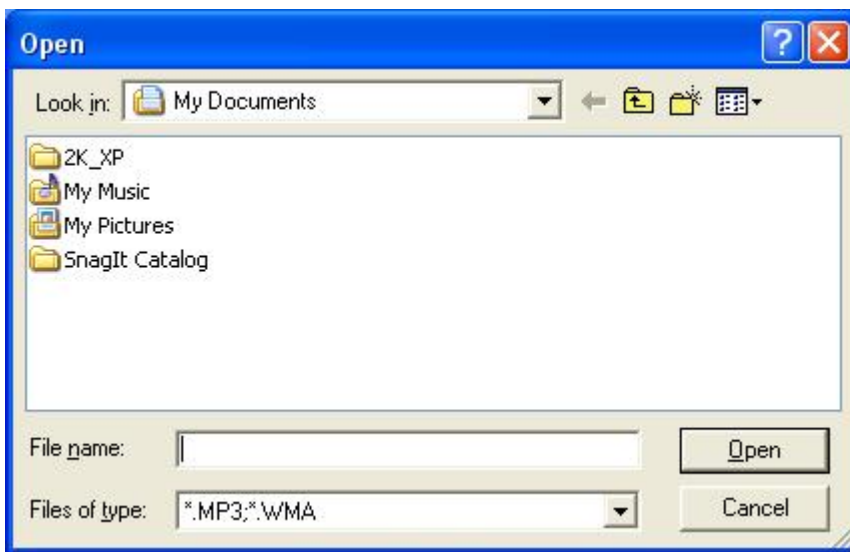
6.1.2 While recording, control panel provide the status about the recording and block some function.



6.2 Audio playing

WinTVR FM play the file that you recorded.

6.2.1 Press  to open all files. Choose file then click "open" button or double click the file to open.



6.2.2 When playing file, the control panel will show time information about playing



6.3 Radio Channel preview


Before listening, you must finish channel scanning.

Channel Change


6.3.1 When watching TV, press  or  to switch fast forward or back forward channel

6.3.2 **Page Up** and **Page Down** on keyboard, or IR Remote provide the same functions. Press the digital

keys. **0 1 2 3 4 5 6 7 8 9** jump to the channel you want.

6.3.3 Press  can return to the previous channel

6.4 About WinTVR FM

Press  to show WinTVR FM vision information

