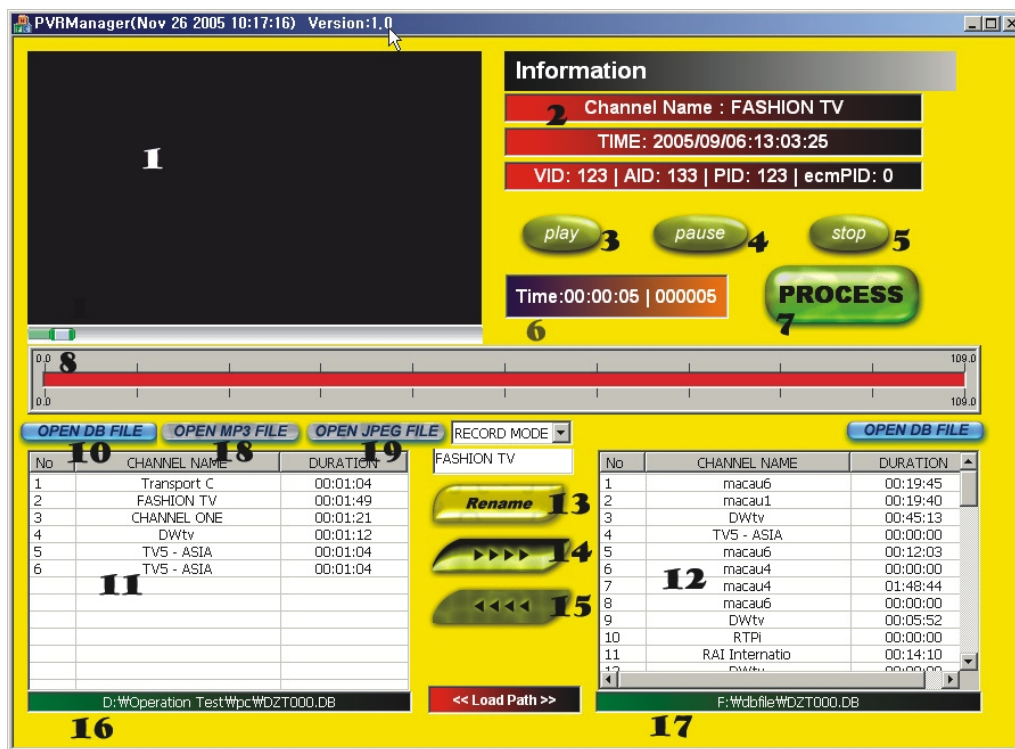




# Instruction for PVR Manager



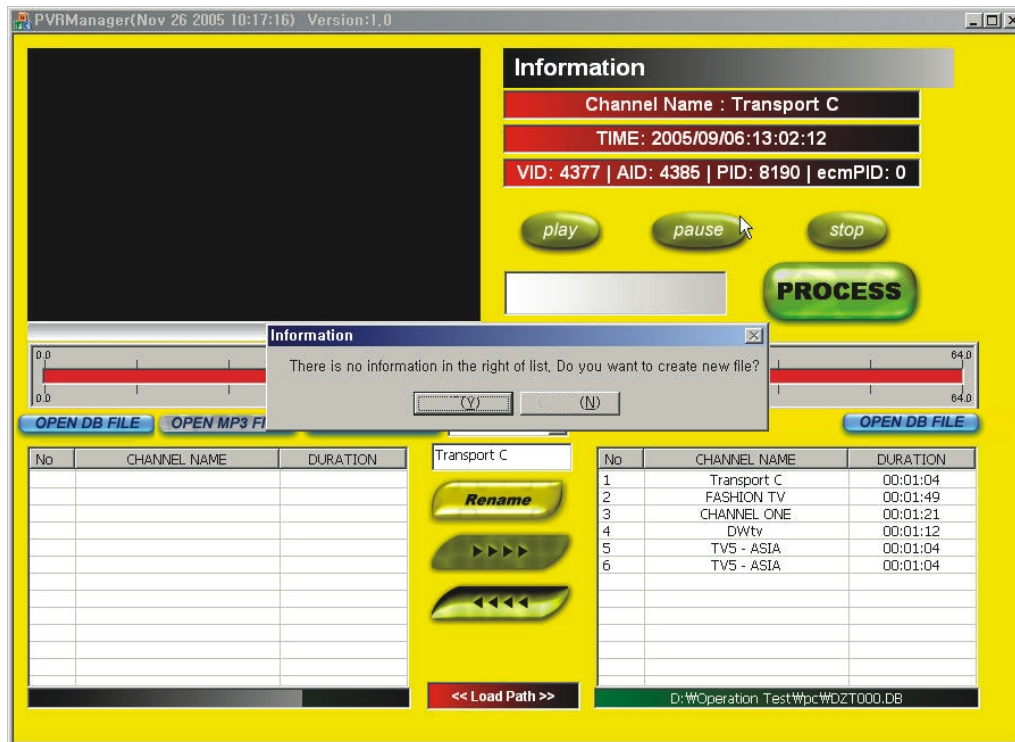
## 1. PVR manager window



1. Video Viewer: press the play button at 3 times, and the screen to be recorded in the PVR is displayed.
2. Information : Click a channel in the list of the file viewer ( no 11 and no 12 ), and the channel Information is displayed in detail ( present : FASHION TV )
3. Play button : Select a channel in the list of the file viewer ( no 11 and no 12 ) and press the play button, and the video of the selected channel will be displayed in the Video viewer.
4. Pause button: Use to make the video stop for a time while playing
5. Stop button: Use to stop the video
6. Time information for playing Video. In Left, there displayed as hour : minute : second and in right, there displayed as only second
7. Use when you edit the file easily ( more information in the below)
8. Edit information bar: the bar to select the edit time
9. Open button for DB file list in right.
10. Open button for DB file list in left .
11. The file viewer to display the recorded DB mostly in PC
12. The file viewer to display the recorded DB mostly in PVR connected through USB.
13. Rename button : Use when you change the channel name
14. The button for copying the list in left into the list in right. When this button is activated, the below button is automatically deactivated.
15. The button for copying the list in right into the list in left. When this button is activated, the below button is automatically deactivated.
16. Information for opening path of DB file in left list
17. Information for opening path of DB file in right list
18. The button to open the MP3 file.
19. The button to open the JPEG file.

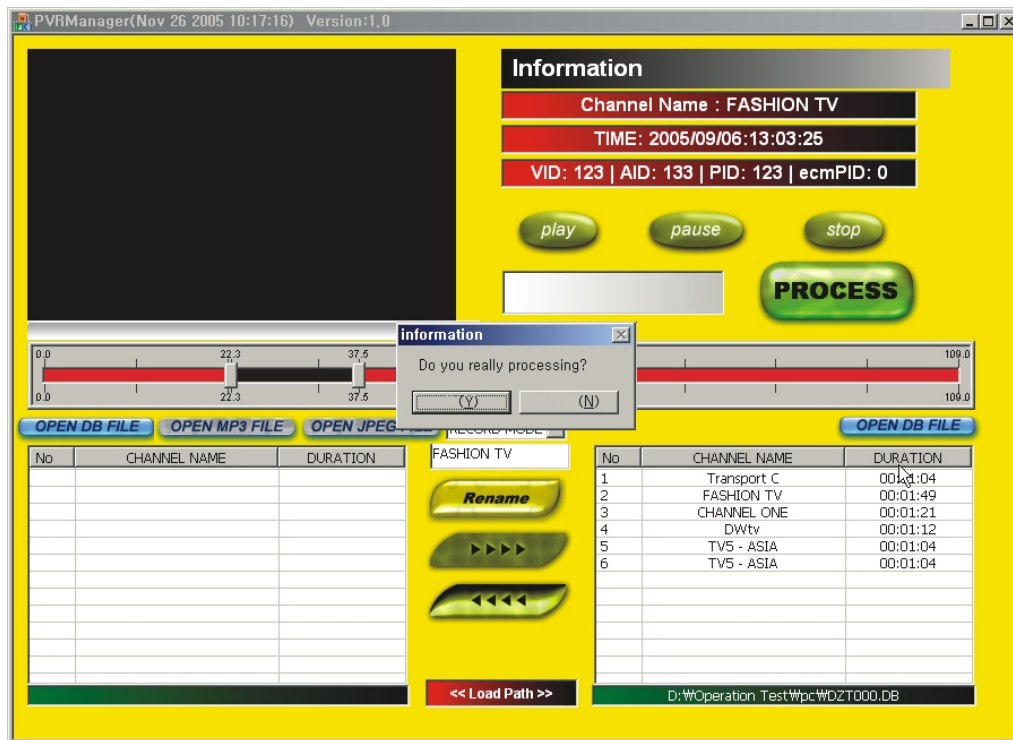
## 2. PVR manager operation

1. When you want to store the recorded file in PVR into PC or copy the PVR recording file in PC into the PVR



- (1) Connect the PVR and PC through USB cable. ( Refer to the instruction manual )
- (2) Click " Open DB file " button in right and open the DB files in the PVR
- (3) Select a channel which you desire to copy into PC and click the left-forward arrow button (no15).
- (4) Since there is not DB file in PC, the pop up menu to ask the creation will be displayed.
- (5) Click "Yes" and confirm the position for DB file to be created. After then, copy gets started.
- (6) If you want to copy the recorded file in PC into the PVR connected thorough USB, Click " Open DB file " button in left and open the DB files in the PC. Select a channel which you desire to copy into the PVR and click the right-forward arrow button (no15). If there is no recorded file in PVR, the pop up menu to ask the creation of DB file will be displayed. Click " Yes" and confirmed the path to recording folder in Drive, and then the copy gets started.

## 2. PVR manager operation



- (1) There is a function to simply edit the recorded file in PVR MANAGER
- (2) Open the DB file and click a channel to desire to edit in channel list viewer DB
- (3) Click the bar (No 8) to select the editing time. Since the time of selected parts is indicated in the editing bar ( only as the unit of second ), if you want to cut off 5 minutes between 10 minutes and 15 minutes, after selecting 10 minutes ( 600 seconds ) and 15 minutes ( 900 seconds ), click the PROCESS button.
- (4) Since the process is made in the unit of file, there is an error within 5 minutes
- (5) If the replay time of recorded file in process is under 5 minutes, the process can be done more closely.

## 3. Replay of the recorded file in PC

- (1) After selecting a channel to desire the replay, click the PLAY button. It may take long time to play the recorded file in PVR connected through USB
- (2) You can not use PROCESS button ( no 7 ) and Arrow button ( no 14 & 15 ) while the recorded file is playing . If you desire to use these buttons, you should click STOP button.

## 4. Rename of the recorded file

- (1) Select the recorded file to desire to change the name of the recorded file.
- (2) The currently selected file name is indicated in the edit box above RENAME button
- (3) After writing the new file name in the edit box, click the RENAME button.

## 5. Copy the MP3 file in PC into the hard disc of PVR

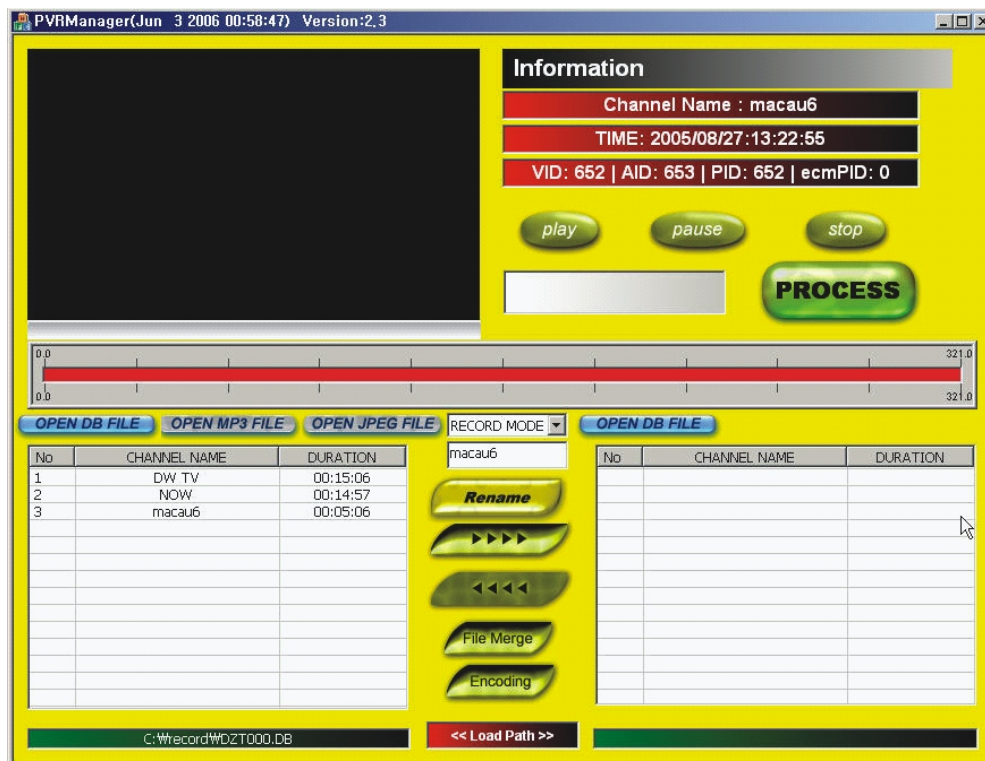
- (1) Change the option in combo box into MP3 mode, and then MP3 files in Hard Disc of PVR will be automatically displayed in the right list..
- (2) Click " OPEN MP3 FILE" button (no 18) and make the MP3 file to desire to copy in PC displayed in the left list
- (3) After selecting the MP3 file in PC ( left list ), click Right-Forward arrow Button, and then the copy gets started.

## 2. PVR manager operation

### 6. Copy the JPEG file in PC into the hard disc of PVR .

- (1) Change the option in combo box into JPEG mode, and then JPEG files of Image folder in Hard Disc of PVR will be automatically displayed in the right list..
- (2) Click “ OPEN JPEG FILE” button (no 19) and make the JPEG file to desire to copy in PC displayed in the left list
- (3) After selecting the JPEG file in PC ( left list ), click Right-Forward arrow Button ( no 14 ), and then the copy gets started.

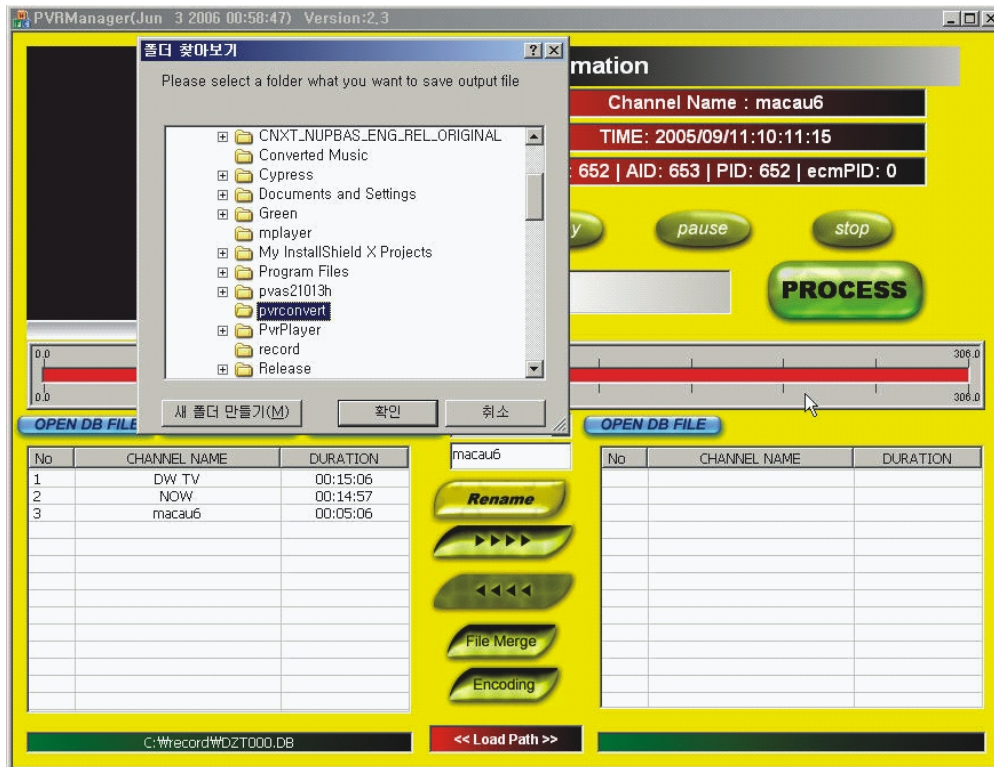
### 7. Converting the recorded file in PVR into divx file



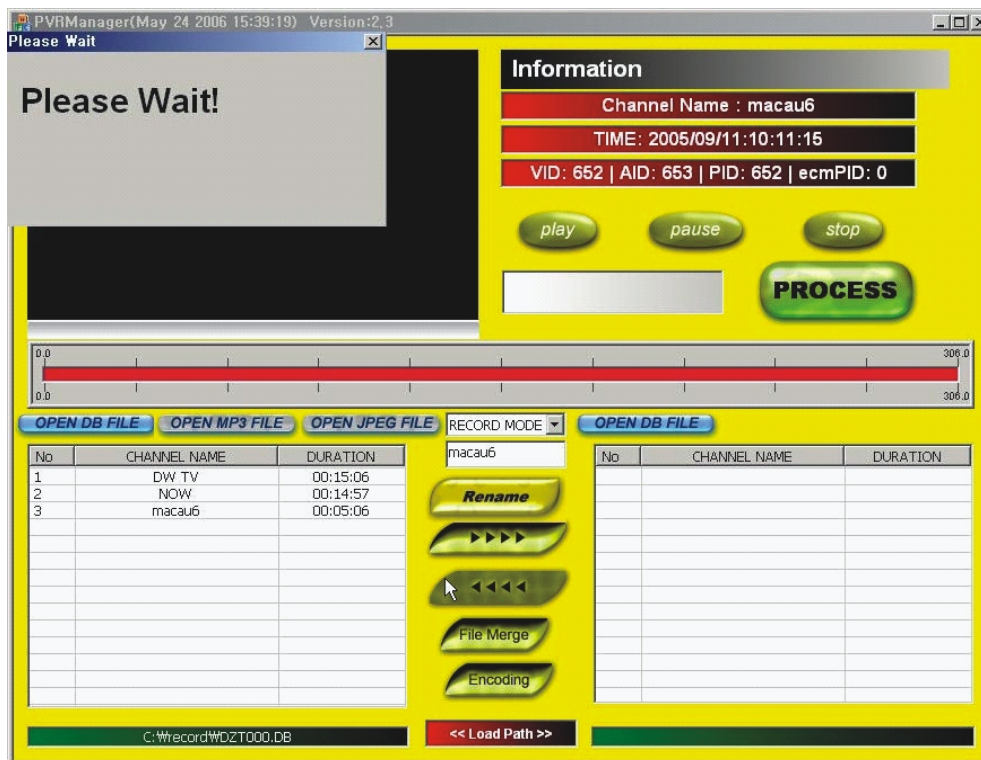
- (1) After opening the DB file in left side, select the recorded file to be converted. e.g. Select the channel macau6 in No 3.



## 2. PVR manager operation

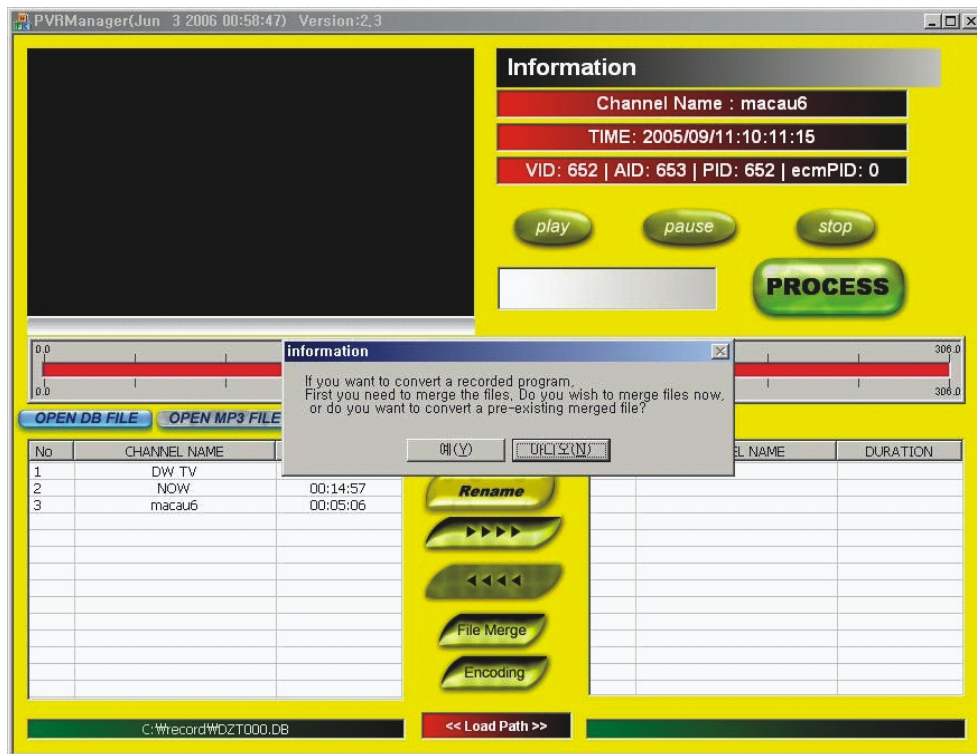


- (2) Select the macau6 with mouse and press the File Merge button. After then, select the folder in which the merged file will be generated. E.g. We select the folder “ pvrconver “ in this time.



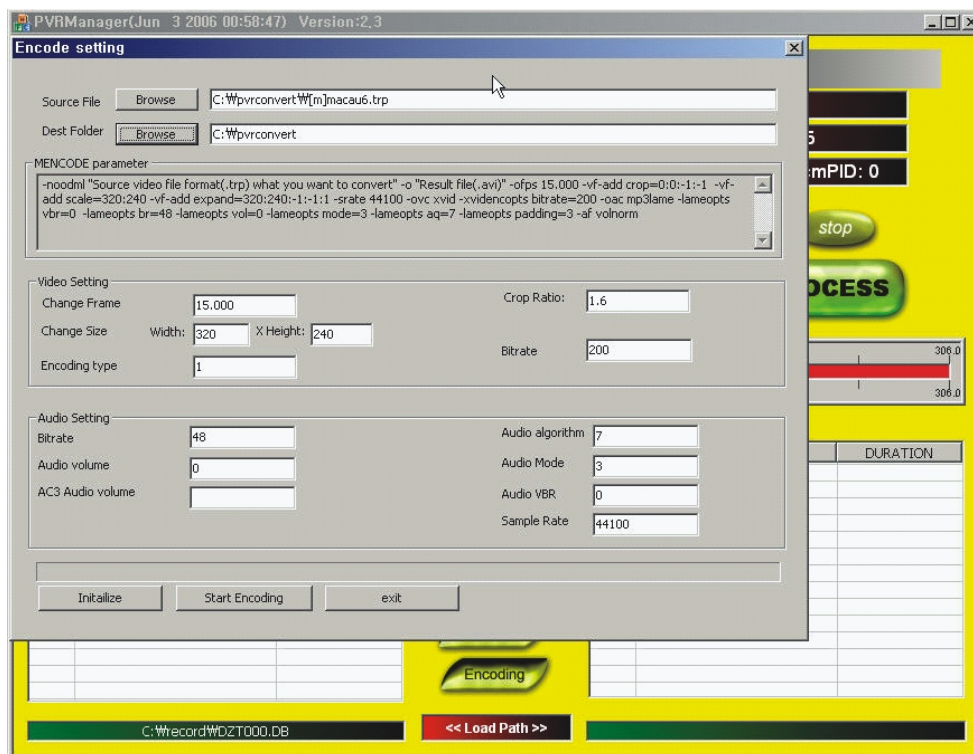
- (3) After then the window of “ please wait “ appears as below and the file is merged into one. The bigger the recorded file is, the longer the time takes.

## 2. PVR manager operation



- (4) Press the Encoding button, and then the following message will appear "If you want to convert a recorded program, First you need to merge the files. Do you wish to merge files now, or do you want to convert a pre-existing merged file?"

Please click "No" because you have already merged the file.



## 2. PVR manager operation

- (5) And then the above window will appear. Press the Browse button and select the merged file in PVRconvert folder you chose.
- (6) Dest Folder is the position which the encoded Divx file will be generated. E.g we designate Dest Folder to pvrconvert in this time.
- (7) Press the Start Encoding, and then the file of [p][m]macau6.avi will be generated in the folder of C:pvrconvert
- (8) You can convert the Radio file into mp3. In case that DB file name of TV is DZT000.DB and the DBfile name of RADIO is DZR000.DB, open the DZR000.DB and encode as the above way. After then, there will be encoded mp3 file in the folder of pvrconver.

Note : In the event that there are other languages, not English in folder path, the Encoding may not be properly done. Therefore, please make sure that the folder path should be in English.

### NOTE:

In case that CI channel is recorded, if you want to play the recorded file with PVR Player in PC, you should make the option of Descramble Recording in User Preference On.

In case that CI channel is encoded, Only when you make the option of Descramble Recording On, it will be done properly.

When you record the CI channel, if the option of Descramble Recording is Off, play and encoding is not properly done in PC.

### -----Video Setting -----

Change Frame – select how many frames are shown in a second. In the case of PDA, 15 frames are workable.  
PAL - 25 NTSC - 30

15.000  
25.000  
30.000

Change Size - Set the size of DivX file to be encoded.  
PAL - 720\*576 NTSC - 720\*480

Encoding type – Select the encoding format. Picture quality is better in the sequence of H264, XVID and DIVX , but the encoding speed is slower in the sequence of H264, XVID, DIVX. XVID is a little bit unstable and H264 is not available in PDA.

0:Open Divx4 – recommendable  
1:XVid  
2:MS Mpeg(Divx3)  
3:WMV3  
4:WMV4  
5:X264  
6:mjpeg  
7:mpeg4



## 2. PVR manager operation

Crop – In the case that the image is too long in width, crop it properly. 1.33 is 4:3, and 1.77 is 16:9.

Bitrate- Set how many BIT will be encoded in a second. In the case of PDA, animation or no quick change of screen is enough in 150 and High definition or action movie is enough in 250.

150  
200  
250  
300  
500  
1000 – recommendable  
1500

### ----- Audio Setting -----

Bitrate – Set the audio quality. In general, 48 is low and 64 is recommendable. If you want the high quality, set into 128.

48  
64  
128

Audio volume – There is the value between 0 and 10, and 0 is not amplified. 0 is recommendable.

Audio algorithm – Set the compression of MP3. There is the value between 0 and . The higher the value is, the lower the audio quality is, but encoding speed will get higher.

7 is recommendable.

Audio mode – Set the stereo mode. joining-stereo is recommendable

0 - stereo  
1 - joining-stereo  
2 - dual channel  
3 - mono

VBR – Adopt VBR format. abr(3) is recommendable. In case that there is problem in play back, set cbr.

cbr Audio quality of abr is better than one of abr.

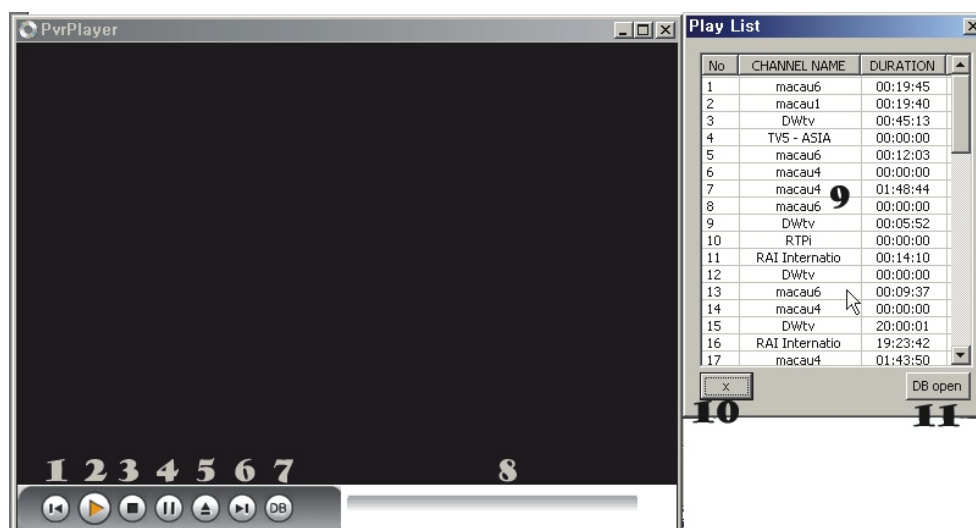
0 - cbr  
1 - mt  
2 - rh  
3 - abr  
4 - mtrh

Sample – Change the sample ratio of audio. It is useful when the player can support only 44100Hz or 22050Hz.

\* Select the enclosed Codec and activate the enclosed player. After then you can play the converted file.

Instruction for PVR Player

### 3. Instruction for PVR Player



1. PVR player window
1. Play back the previous recorded file
2. PLAY button
3. STOP button
4. PAUSE button
5. Eject button: Use this button when you directly use TRP file, not using the DB file
6. Play back the next recorded file
7. Make the play list in right visible or invisible
8. slider bar : Use when you search the screen you desire to see.
9. play list: recorded file list
10. Make the play list viewer shut down.
11. Open the DB file.

#### 2. PVR player operation

- (1) Click "DB onen" button and open the DB file.  
( Activate PVR player, and then DB file list will be automatically displayed after searching the Hard Disc in PVR.
- (2) When the recorded file list in DB file is displayed, click the channel to desire to play back.
- (3) Double – click the file list, and then play get started.
- (4) While the file is playing, click no 1 or no 2 if you desire to play back the previous file or the next file.
- (5) When you desire to play the TRP file directly without DB fileDB, click the Eject button.
- (6) While the file is playing, if you desire to search the screen, use the Slider bar
- (7) After the file finishes playing, it goes to the next file automatically