# GENERAL FUNCTION

## Channel Information

Every time you change channels, you will receive program information for a few second.

While viewing channel, you can see the current channel information anytime, pressing INFO key on the RCU.

*Note* : The channel information can be displayed for 2,4,6,8,10, or 12 seconds on the screen. (You can arrange the time by the System setting menu.)
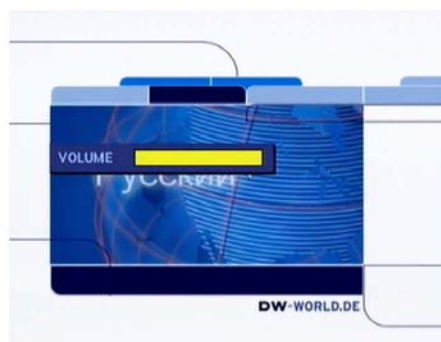
## Volume & Audio Control

### 1) Volume Control

To increase or decrease volume, use ⊿⊳ key on the RCU or VOL on the front panel.

*Note : XTC 5080PVR has 18 volume levels and this shall be controlled from the adjusted volume level of your TV.*

### 2) Mute

To mute the sound, press 🔇 button on the remote control. To bring back the normal sound condition, press 🔇 key once again.

### 3) Audio Control

Press the 🔊 key repeatedly to select one of three possible Audio settings (Left, Right and Stereo)

The current audio condition will be displayed in the channel information

### 4) Language Selection

Press the AUDIO key on the RCU to repeatedly select audio-language. This is dependent on the transmission of audio signal which supports Multi-language.

# GENERAL FUNCTION

## Position

If you need to adjust the antenna more accurately to watch a clear channel, press POSITION key on the RCU and then the position bar will be displayed. Press E or W key on the RCU to adjust for clear channel.

Otherwise, you can use this function for manual search instead of Auto tracking.

# CHANNEL MANAGER

XTC 5080PVR provides most powerful channel managing function in the world and this function allows you to have a more interesting and useful operation as well as viewing channels simply.

## Channel Manager

Channel manager consists of TV channel manager and Radio channel manager. Press OK key placing the cursor on the TV Channel.

*Note* :Since the usage of Radio Channel manager is same as that of TV channel manager, in this menu only TV Channel manager is explained.

In this menu you can see the channel list which XTC 5080PVRsearched in the left side and in the right side, Current channel information is displayed.

Press MENU key on the RCU, then command menu will be displayed

TV channel manager has 4 short-cut color keys as below;

● **FAVORITE 1 ~8 (RED KEY)**

● **EDIT (GREEN KEY)**
1. MOVE
2. LOCK
3. DELETE BY CH
4. DELETE BY TP
5. DELETE BY SAT
6. DELETE ALL
7. RENAME CH
8. RENAME FAV

● **SORT (YELLOW KEY)**
1. LOCK
2. SCRAMBLE
3. SAT NAME
4. CH NAME

● **PREVIEW OFF (BLUE KEY)**
You can turn off the picture on the screen

# CHANNEL MANAGER

## Favorite Channel

When you select channel manager, default favorite list will be showed on the screen as Favorite 1.
Select your favorite channel and then press OK key. Then ☻ will be marked at rear of your selected channel name.
And if you want to delete the channel name in the favorite channel list, press OK key once again, then the ☻ mark will be disappeared.

After the selection of favorite channels press EXIT key and press FAV key to see if each of the favorite groups are properly selected.

* ⊕ means scrambled channel.

★ How to make favorite group

1. When you enter channel manager, the default favorite group will be showed once on the screen as Favorite 1.
2. In the channel manager page, press ● FAVORITE 1 ~8 (RED KEY) and select FAVORITE, then Favorite group 1,2,3 will be displayed. After that, select group and cursor channel what you want and press ok key by group.

## Move channel

In the TV channel Manager Page, press ● Edit (GREEN KEY) on the RCU and select MOVE in the command box.
Select a channel by pressing OK key and move the cursor to the location in which you want to move the selected channel and press OK key. Then, you will find the selected channel has moved to the desired location and channel no. also changed in order accordingly.
And check whether the channel number is changed on the channel list or not.
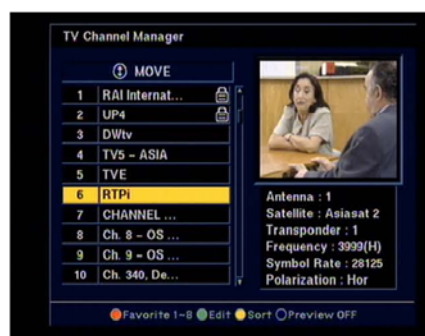
# CHANNEL MANAGER

## Lock Channel

In Main Page, press 🟡 **SORT (YELLOW KEY)** on the RCU, and then select Lock on the command menu.

This Lock command allow you to lock the channel. First select the channel, which you want to lock, pressing OK key and then 🔒 will be marked at rear of your selected channel name.

**Note** : To perform this function, you should set up the Parent Lock which is explained after.



## Rename Channel

In Main Page, press 🟢 **Edit (GREEN KEY)** on the RCU, and then select Rename CH on the command menu.

This Rename CH command allow you to rename the channel. First select the channel, which you want to lock, pressing OK key and then Keypad Dialog Box will be displayed. Edit your desired name entering word or number.
(If you select ◄, it deletes the previous word)

And check whether the channel name is changed on channel list.

# CHANNEL MANAGER

## Delete channel

In Main Page, press ● **Edit (GREEN KEY)** on the RCU, and then select Delete on the command menu.

This Delete command allows you to delete the channel permanently. First select the channels, which you want to delete, then selected channel number will be changed to ✗ If you cancel the selection, press OK key again, then the number will be back as it was

If you decided to delete, press EXIT key and then Message box will be displayed. Press OK to delete.

And check whether the channel number is changed exiting on channel list.

*Warning* : *The deleted channel can not be recovered unless you search again. Please be careful when you decide to delete channel.*
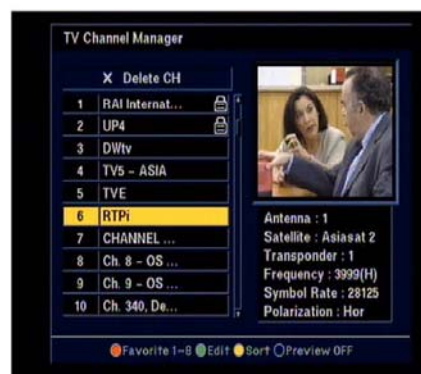
## Sort Method

In Main Page, press ● **SORT (YELLOW KEY)** on the RCU, and Sort Method will be displayed.

This Sort method has 4 sub commands and it allows you to sort the channels as provided.

You can sort the channels by Lock, Scramble, SAT name and CH name.
Place the cursor on your desired line, and then press OK key.

And check whether the channels are sorted exiting on the channel list.

*Note* : *Radio Channel Manager is same operation as TV channel Manager.*

# HARD DISK RECORDER

XTC 5080PVR is equipped with a hard disk and allows you to watch one channel while recording another channel in same TP. And it allows you to record current programs while playing back earlier recordings simultaneously. Also it makes you free from one-way broadcast times through time-shift function. When you need to leave your seat on urgent business, you can playback from the paused screen with time delay after come back and also STB enables you can determine the start time of a program you want independent of the broadcast time

## SEMI TWIN PVR MODE

In the SEMI TWIN PVR mode, recording and watching can be carried out simultaneously in the same TP.

### 1) Recording

You can record a program which you are watching now by pressing **REC** on the RCU

If you press **REC** key on the RCU, you can record the current viewing program internally while watching the program at real time.

During watching channels, Pre Recording is possible. But, during single recording, Pre Recording will be paused automatically.

### 2) Watching

You can go any channels you want to see in the same TP.

### 3) Save & Stop

If you press **STOP** key on the RCU in the SEMI TWIN mode, you will be back to programs you are recording. And press Stop one more. Then a Dialogue box pops up and then you can save the channel. Also it asks you whether you will save it as a channel name. If you want to change file name what you want, please press **OK** key at the column of file name than alphabet box will be displayed on the screen. Finally if you want to save the program, please select **YES** button in the box and then it returns to Live mode. Otherwise if you select **NO** button it returns to Live mode without saving.

### 4) Auto Stop

If you enter your reservation time for recording, it will be recorded. And you will return to live mode when reservation time is over.

# HARD DISK RECORDER

## Pre Recording  MODE

### 1) Pre Recording

To use **Pre Recording function**, the Pre Recording option should be enabled. To find the Pre Recording option Menu, follow the steps below.

Main Menu ➜ Channel Manager ➜ HDD Manager ➜PVR setting ➜ PRE-REC "ON"

Press ● **PVR Setting** on the RCU. Then PVR setting will be displayed.

### 2) Time Shift Mode

If you press **REC** key , **PAUSE** key **or Slow** key on the RCU during watching channel, It will become "Time Shift Mode".

You can record temporarily program. And time delayed program will be shown.

*Warning* : If you change channel, temporarily recorded contents in Pre Recording mode will be deleted.

### 3) Save & Stop

If you want to save permanently, press **REC** key on the RCU

Press Info Key on the RCU to display " Recording Infor bar".

Then you can put "play position" to the point of recording you want by pressing <- -> key on the RCU.

And you can press "REC" key on the RCU

When you press stop button, it asks you whether you will save it as a channel name. If you want to change file name what you want, please press **OK** key at the column of file name than alphabet box will be displayed on the screen.  Finally if you want to save the program, please select **YES** button in the box and then it returns to Live mode.

# HARD DISK RECORDER

## Recording mode

In the Recording mode, recording and playback can be carried out simultaneously. You can playback the recorded program with time delay as much as you want to keep recording live signal.

### 1) Recording

You can record a program which you are watching now by pressing **REC** key on the RCU then the front panel will be displayed as **r-P** by seven segment.

If you press **REC** key on the RCU, you can record the current viewing program internally while watching the program at real time.

If you press **PAUSE** key, the current broadcasting program (audio & video) is paused but starts recording it temporarily.

### 2) Time-Shift Mode

You can record temporarily a program which you are the watching now by pressing PAUSE Key on the RCU then the front

### 3) Playback / Slow playback

If you press **PLAY** key on the RCU, the recorded program plays in normal speed with time delay and then if you press **PLAY** key again, it plays in slow. However, the program is recording continuously internally unless you press **STOP** key.

# HARD DISK RECORDER

**- FF, REW**

If you press **F.F** key repeatedly, the recorded program plays forward in x4, x8, x16 speed than normal speed and, press **REW** key repeatedly, the recorded program plays backward x4, x8, x16 speed than normal speed.

In that case, you can check the speed as the mark >, >>, >>>,>>>> in the upper left side on the screen.

**- Pause**

If you want to playback the recorded program step by step, press **PAUSE** key repeatedly.

**4) Playback while recording current program**

If you want to playback of earlier recorded program while recording current program simultaneously, please press **OK** key on the RCU. The file list will be displayed on the screen and then select a program what you want to playback.

**5) Save & Stop**

If you press **STOP** key on the RCU in the Time-Shift mode, a Dialogue box pops up and then you can save the channel. Also it asks you whether you will save it as a channel name. If you want to change file name what you want, please press **OK** key at the column of file name than alphabet box will be displayed on the screen. Finally if you want to save the program, please select **YES** button in the box and then it returns to Live mode. Otherwise if you select **NO** button it returns to Live mode without saving.
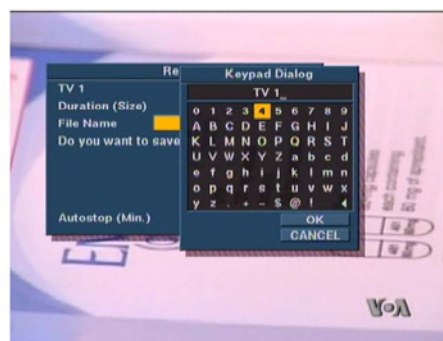
# HARD DISK RECORDER

### ★ Info-Bar

While playing back or recording, if you press **INFO** key on the RCU, Info-bar is appeared on screen and, unless you press **EXIT** key, Info-Bar is displayed in continuous.

The Info-bar shows icons, total recording time, playing time and remaining HDD size.

While displaying Info-bar, if you press △ △ keys then current playing pointer will jump to previous or next.

If you press **INFO** key after disappearing of the Info-bar, the info-bar appears again and, unless you press **EXIT** key on the RCU, Info-Bar is not disappeared.

## Playback mode

In Playback mode, you can playback the already recorded program but can not record any program. Regardless of current broadcast program, you can play back the recorded file in the File List.

To operate the Playback mode, you can select a program you want after pressing **PLAY** button.

### 1) Playback

If you press **PLAY** key on the RCU, then File List is displayed in the top right corner. Then you can freely select and playback a file on screen after pressing **OK** key on the RCU. While you are watching recorded channel, **PLAY** will be displayed in the front panel by seven segment.

### 2) Slow playback

If you press **PLAY** key, the recorded program plays in normal speed and if you press **PLAY** key again, it plays in slow speed.

# HARD DISK RECORDER

### 3) FF, REW, Pause, Jump

If you want to playback the recorded program step by step, press **PAUSE** key repeatedly. If you press **F.F** key repeatedly, the recorded program plays forward in x4, x8, x16 speed than normal speed and, press **REW** key repeatedly, the recorded program plays backward x4, x8, x16 speed than normal speed.

In addition, you can move fast to where you want to playback by press ⌐ key on the RCU when the info-bar is displayed on the screen.

**If you press Stop button, it exits from Playback mode and goes to Live mode.**

## Timer Recording

You can record your favorite program free from your time and location and determine the start time of the program independent of the broadcast time through Timer Recording.

If you press **MENU** key in Live mode, you can select **Timer** in the Menu. If you set the time and select **On or Off** in record bar, then the timer recording is operated.



## EPG Recording

Also you can have same advantage as the Timer recording through EPG Recording.

If you press **EPG** key on the RCU in Live mode, you can select **Program** in EPG screen. If you press **REC** key, then Dialogue Box pops up and you can change start time, end time and file name. Then, if you press **OK** key, EPG recording is operated. If EPG time precedes present time, recording starts coming out of EPG.

# HARD DISK RECORDER

## File List

If you press **PLAY** key on the RCU in the live mode, the file list consisted of recording channel will be displayed on the screen.

## HDD Manager

You can overview the recorded programs with various file information and also you can be a program manager with operating several menu such as Move, Lock, Rename, Delete and Format

In Live mode, if you press **MENU** key and select Channel Manger -> HDD manger in the main menu, file information such as Program name, Channel name, Record time, File size, Duration and Free size is displayed.

You can select one of Play, Lock, Move, Delete by press color hot key on the RCU ad if you press **MENU** key on the RCU, additional box will be pop up so that you can select Format HDD, Repeat mode and Shuffle Mode.

## Move

You can change the playback order of the recorded files listed to press ● **EDIT.**