



## 4. Menu Overview

### 4.1 Menu Instruction












Press the MENU button to display the main menu. You can select the sub menu using the ▲/▼/◀/▶ button. The selected sub menu becomes highlighted. When you have selected the sub menu you want, press the  button. When you want to return to the previous menu, press the  button. When you want to return to the live screen, press the Menu button.

### 4.2 Menu Help

In the menu, short information is displayed at the bottom of the screen.



-  : Using ▲/▼ button.
-  : Using P+/P- button.
-  : Using ◀/▶ button.
-  : Using  button.
-  : Using Opt, A/V+, Fav
-  : Using  button.
-  : Numerical button or ◀ Button.

### 4.3 Menu Structure

In the menu, short information is displayed at the bottom of the screen.

#### Installation

Dish : Select the dish and LNB settings for channel search.

Auto Scan : Search the whole channel automatically without inputting the special parameters.

Manual Scan : Search the channel manually with user's inputting parameters.

#### Option

TV Output : Select the video or audio output.

Language : Select the display language, audio language, and subtitle language.

Time Setting : Setting current time.

Security setting : Change the password and select the censorship classification

OSD Display : Setting OSD display time and transparency.

#### Channel

Sorting : Choose the channel sort type, such as by Transponder, Network, CAS.

Reservation : Reserving channels you want to record at your desired time.

Delete : Delete the channels such as Favorite, TV/Radio CAS, etc.

Transponder Edit : Delete, Edit, or Add Transponder in Satellite.

#### Advanced

Reset Factory Default : Restore the receiver to the default values.

Channel Upload : Transfer the programs from receiver to receiver or PC.

S/W Upload : Transfer the software from receiver to receiver or PC.

USB Transfer : Transfer the Programs or software from receiver to PC or PC to receiver.

#### Status

Information : Check the version of satellite receiver.

#### PVR

HDD Information : Check the capacity of HDD.

Format HDD : Format HDD permanently.

## 5. Menu Operation

### 5.1 First Installation

You can install the receiver using First Installation for your convenience. 'First Installation' allow you to set your receiver using simple procedure.

1. Select the desired language using the ▲/▼ button.
2. Press the **OK** button to confirm and go to the next step.



1. Select the desired satellite using the ▲/▼ button.
2. Press the **OK** button to confirm and go to the next step.



1. Select LNB Type using the ▲/▼ button.
2. Press the **OK** button to confirm and go to the next step.



1. If you use a DiSEqC 1.0 switch, select DiSEqC option using the ▲/▼ button.
2. Press the **OK** button to confirm and go to the next step.



1. After all settings are done, press the button to start scanning.

If you want to know more detail description about each procedure, please refer to the following installation part in 5.2.



Previous Step button : If you want to go to the previous step, press the **Opt** button and then you can reset options.

Cancel and Exit button : If you want to skip 'First installation', press the **Exit** button.

## 5.2 Installation

### 5.2.1 Dish

1. Press the **Menu** button to display the main menu.
2. Press the **OK** button on the sub menu. The password pop-up window appears. All sub menus such as Dish, Auto Scan, Manual Scan, and Transponder Edit on the Installation are locked by password. The default password is "0000".



Use the **▲/▼** button, you can move upwards and downwards in this mode.

In any item, such as Dish, Satellite, transponder, etc. if you want to check the detail view, use the **◀/▶** button.



1. Press the **◀/▶** button, the right screen shows the pre-selected 32 satellite lists.
2. Select the desired satellite, and press the **OK** button. Then change the satellite column will be by the desired Satellite name.

If you can't find the desired satellite, select any satellite and press the **OK** button.



1. Press the **◀/▶** button to watch the satellite in the pre-programmed lists. Press the **OK** button to replace the Current satellite with the selected satellite.



1. Press the **◀/▶** button, the right screen shows the transponder lists.
2. Press the **OK** button to select other transponder.

If you select one of the alternative satellite names, the transponder list is changed automatically according to the selected satellite name.



1. Select one of the LNB Power types using the **◀/▶** button.

You can select LNB Power value as 13/18V normally or if the distance between antenna and receiver is further than 60m, you can select LNB Power value as 14/19V.



1. Select the LNB Type value.

If you have selected User Single or User Dual, enter LNB frequency value directly, and press the **OK** button. If you select LNB Type value as 9750/10600, 9750/10750 or User Dual, 22KHz value is fixed to auto mode, in other case you can select a value depending on usage of 22KHz tone switch box.



1. Select Switch Type if used.
2. If you use a DiSEqC 1.0 switch, select DiSEqC on the Switch Type.
3. Select one of the DiSEqC inputs from the Option.



1. Select Switch Type.
2. If you use a DiSEqC 1.1 switch, select SMATV on the Switch Type.
3. Enter a value with the numeric key. (950~2150).



1. Select Switch Type.
2. If you use a DiSEqC 1.2 motor, select the Motor on the Switch Type.
3. Change position of your Motor through the Option.



### DiSEqC 1.2 Options

Move West-East : Press the ◀/▶ button to move the motor.

Store Position : Press the OK button to save the current position.

Go to Position : Press the OK button to move the motor to the stored position.

Go to Reference : Press the OK button to move the motor to the 0 position.

Set West Limit : Press the OK button to fix West limit.

Set East Limit : Press the OK button to fix East limit.

Enable Limit : Press the OK button to change the limit.

(Set West Limit & Set East Limit can be available with Disable Limit status)

1. Select Switch Type
2. If you use a USALS motor, select from the Switch Type using the ◀/▶ button.
3. Change position of your USALS motor through the Option.



Go to Position : Press the OK button to move the motor to the position calculated by the longitude and latitude.

1. Select legacy switch type.



### 5.2.2 Auto Scan

You can search the channels offered by the satellite for which your antenna has been configured.

1. Select the satellite for scanning using ▲/▼ button and press the OK button.
2. The check mark indicates which satellite has been marked for scanning.
3. Press the ◀/▶ button, select scan option using ▲/▼ button, and press the OK button.
4. If you want to scan the satellite move to "Start Scan" and press the OK button.



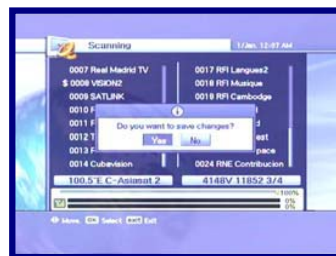
1. Select Free+CAS or CAS using the ▲/▼/◀/▶ button.
2. Press the Opt button, CAS Pop-up window will appear.
3. Select the kind of CAS using the ▲/▼ button.
4. Press the OK button.
5. If you want to scan the satellite, move to "Start Scan" and press the OK button.



1. The left window shows TV channels and the right window shows Radio channels during the scanning process. White channel names are new channels downloaded to your receiver. Black channel names are already existing channels.



1. If you press the **OK** button when scanning for channels, pop-up window appears.
2. When you complete scanning for channels, a similar pop-up menu appears.
3. If you want to save the updated channels, select 'Yes'.



### 5.2.3 Manual Scan

1. Change to the specific values you want to scan.
2. Press the **OK** button to start the manual scan.



Dish : The target satellite for the manual scan.

Frequency : The frequency of the transponder you want to find manually.

Polarity : The polarity of the transponder you want to find.

Symbol Rate : The symbol rate of the transponder you want to find.

Code Rate : The code rate of the transponder you want to find.

Scan Mode : In the Free Channel mode, the receiver scans all channels without scrambled service.

Service Type : The selection of TV, Radio and TV & Radio.

Network Search : When enable, the receiver searches for more transponders using the network index table.

PID Search : Search using Auto PID, Manual Dec and Manual Hex.

1. When you select Manual Dec option, a pop-up menu appears.
2. Enter the value of Video PID, Audio PID and PCR PID with numeric keys.
3. Press the **OK** button to scan PIDs or press the **OK** button to make the pop-up menu disappeared.



1. When you select the Manual Hex option, a pop up menu appears.
2. Enter the value of Video PID, Audio PID and PCR PID with pop-up keypad.
3. Press 'Done' on the pop-up keypad to save PIDs or press the **OK** button to make the pop-up menu disappeared.



## 5.3 System Setting

### 5.3.1 A/V Output Setting

1. Select the TV output options using the **▲/▼/◀/▶** button.
2. If you press the **OK** button, the changed state will be saved and exit.



TV Screen : Select the screen format of your TV.(4:3, 4:3 Letter Box, 16:9)

Dolby Digital(DD) : Set the Channel to display the audio and video signal on your TV

### 5.3.2 Language

1. Select the language options using the **▲/▼/◀/▶** button.
2. Press the **OK** button to change the selected language.



Display : Change the language used in the OSD and Menus.

Audio 1-2 : Change the language that you listen to audio in.

Subtitle 1-2 : Change the language that you watch the subtitle in.



### 5.3.3 Time Setting

1. Setting current time using the ▲/▼/◀/▶ button.
2. If you press the **OK** button, current changing state will be saved and exit.



Time Mode (TDT, USER).

TDT : Receive the time from broadcaster.

USER : Set the time directly by user.

Offset : Set the time difference between GMT and the local time.

Day light saving : Day light saving will work only in case of 'Enable' mode.

Start day : Day light saving start day.

End day : Day light saving end day.

### 5.3.4 Security Setting

1. If you want to change the password, press the ◀/▶ button, following message requiring new password will be displayed.
2. Change the password into new one by numeric button.
3. To ensure your change, you are supposed to input a password once more.



1. Select your desired rating level using the ◀/▶ button.
2. Press the **OK** button to save and exit. Rating mode allows you to block channel according to the age level you have set.



View All : All channels can be watched.

7 : Channels are blocked under the age of 7.

12 : Channels are blocked under the age of 12.

15 : Channels are blocked under the age of 15.

18 : Channels are blocked under the age of 18.

You have to enter password to watch the channels which is blocked by the age level.

### 5.3.5 OSD Setting

1. Select the options using the ▲/▼/◀/▶ button.
2. If you press the **OK** button, current changing state will be saved and exit.



Banner display time : Banner will disappear after setting time passed.(1~9).

Screen Saver : Screen Saver is a function to protect your TV in case Radio status or in Menu. (Disable, 5, 10, 20, 30, 60, 120 Minutes)

OSD Mixweight : Select the OSD transparent type. (Low, Middle, High).

## 5.4 Channel

### 5.4.1 Sorting

1. Select Sorting Type using the ◀/▶ button.
2. If you press the **OK** button, current changing state will be Saved and exit.



Transponder : Channels are sorted into transponder order..

Network : Channels are sorted into service provider order.

CAS : Channels are sorted into Scramble channels and Free channels order.

### 5.4.2 Reservation

You can reserve a Channel at your desired time. In this mode, you can reserve channels up to 8.

1. Press the Opt button to edit the reserved channel. And then use the ▲/▼/◀/▶ button to the detail setting for your reservation.



1. To add more, press the A/V+ button. Press the Fav button to delete the reservation.
2. After all settings are done, press the button to save and exit.

If it is duplicated with the time zone that was already registered at a reservation list, the alarm message appears which it is not able to register. In this case, you must register a reservation for other time zone.



- 1** : Just one time action (After action was done, event will be deleted on the list.)
- : Action execution in weekday
- : Action execution in weekend
- 7** : Action execution weekly
- 30** : Action execution in every day
- 📺** : Radio channel(FTA, CI)
- 📺** : Radio channel(PVR only)
- 📺** : TV channel(FTA, CI)
- 📺** : TV channel(PVR only)

### 5.4.3 Delete

You can delete channels. You can select not only Mode such as Channel and Favorite, but also Option such as TV, Radio and etc.

1. Select the Mode and Option you want to delete channels using the ▲/▼/◀/▶ button.
2. Press the **OK** button to delete and exit.



### 5.4.4 Transponder Edit

1. Press the Opt button to select the satellite in the left screen or the transponder in the right screen.
2. Select one of Delete, Edit or Add from the pop-up window. (The satellite and transponder cannot be deleted if the channels of the selected satellite have already been Downloaded)
3. If you press the **OK** button, the current Changing state will be saved and exit.



## 5.5 Advanced

### 5.5.1 Reset Factory Default

1. If you want to change the set into the default values, press the **OK** button. The following confirmation window will appear.
2. If you select 'Yes', the system will be reset to the primitive state like new receiver.



### 5.5.2 Channel Upload

1. Connect the receiver with other receiver or PC through RS-232 cable.
2. For the target receiver, turn the AC Power off, then turn on again.
3. You can watch the transfer status of software.



### 5.5.3 S/W Upload

1. Connect the receiver with other receiver or PC through RS-232 cable.
2. For the target receiver, turn the AC Power off, then turn on again.
3. You can watch the transfer status of software.



### 5.5.4 USB Transfer (Optional)

If your STB has a USB interface in the front panel, you can transfer the channel information and the system software between a set-top box and a USB drive.

1. Select data type and the source & the target (USB-STB or STB-USB), and press the OK button.



1. If the data exists in the target, the data will be removed and the new data will be replaced.



1. The window will appear on the TV screen if the data exists in the target. If you select "Yes", the data will be transferred. The window will appear on the TV screen while the data being transferred. You should keep USB connection until transferring is done.



1. The window will appear on the TV screen after data transferring is done.





## 5.6 Status

### 5.6.1 System Information

1. You can watch the system information such as Model ID, Hardware version, Software version, and Loader version.



## 5.7 PVR

### 5.7.1 HDD Information

1. You can see the capacity of HDD such as Total size, Free size, Used size and the model name of HDD.



### 5.7.2 Format HDD

1. If you press the **OK** button, you can delete all files in HDD permanently.



## 6. Viewing General Information

### 6.1 Banner Information



1. Whenever you press the INFO button, the banner information window appears for a few seconds.



1. If you press the INFO button again on the banner, the detail EPG window appears.
2. If you press the **OK** button, information and EPG window will disappear.
3. Press the **P+-** button and then you can change the channel.
4. If '**>**' exists on the Banner, press the **</>** button and then you can watch the next EPG.

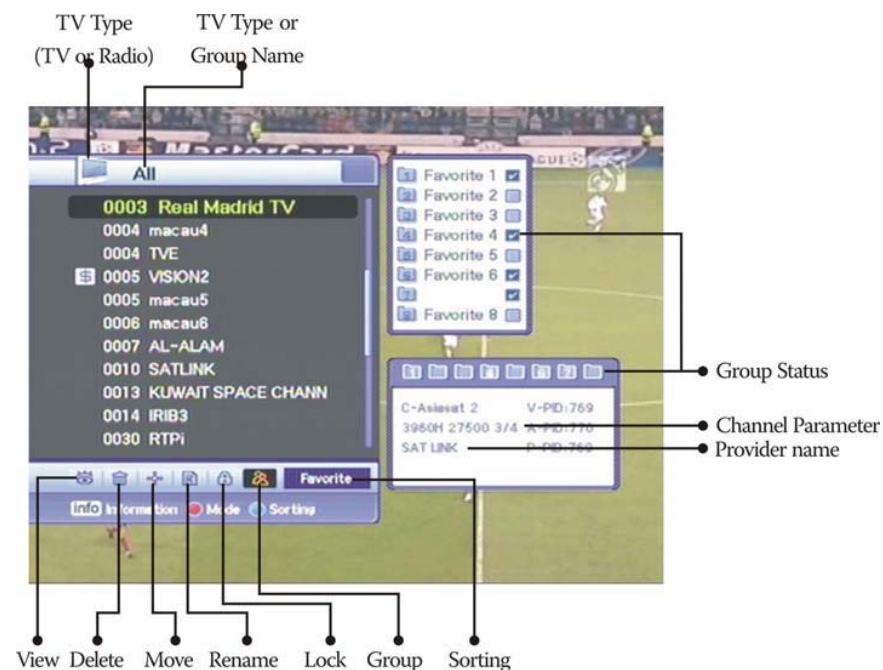


## 6.2 TV & Radio changing

While watching TV or listening to Radio, you can select TV or Radio using the TV/Rad button.



## 6.3 TV or Radio Channel Lists



### 6.3.1 Watching Mode

While watching TV or listening to Radio, you can watch the channel list. Press the **OK** button to display the channel list. You can watch several icons at the bottom of the channel list. Each icon has a special and convenient function for user. If you want to change the mode, press the **Opt** button to go to the desired icon.

1. Press the **OK** button or A-Z button. If you want to view the sorted channel list, press the A-Z button.
2. Press the **▲/▼** button to move the cursor.
3. Press the **OK** button to watch the desired channel.
4. If you want to hide the channel list, press the button.



When you want to sort the channels, press the A-Z button.

When you want to change the TV/Radio mode, press the TV/Rad button.

When you want to watch the next or previous channel page, press the P+/- button.

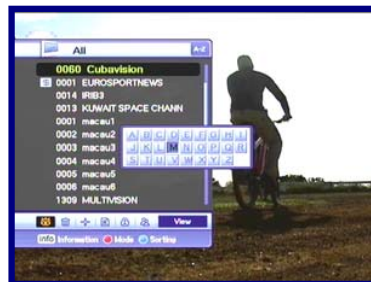
1. Press the **INFO** button to watch the information for a selected channel.
2. Press the **EXIT** button to hide the information.



1. If you know the correct channel-number to watch, press the number using the numeric button.



1. If you want to go Alphabetic move, you must change the channel list to the sorted status. To become the sorted status, press the A-Z button on the channel list or on the Live screen.
2. Press the numeric button. Then Alphabetic Pad will appear.
3. You can select the Alphabet using the numeric key(1-9)/▲/▼/◀/▶ button.
4. Press the **OK** button. If the selected channel by user input-letter not exists, there will be any change.



### 6.3.2 Delete Mode

1. Select the Delete Icon using the Opt button.
2. Select channel you want to delete using the ▲/▼ button. Press the **OK** button. Checked sign will be marked on the right side of the channel name.
3. Press the **EXIT** button to save and exit.



### 6.3.3 Move Mode

1. Select the Move Icon using the Opt button.
2. Select the channel which will be located in other position.
3. Press the **OK** button, and then a sign which indicates "move" will be marked on the right side of the channel name.
4. Set the new position using the ▲/▼ button.
5. If you want to complete moving channel, press the **OK** button. Then "move" sign will disappear on the right side of the channel name.
6. Press the **EXIT** button to save and exit.



### 6.3.4 Rename Mode

1. Select Rename Icon using the Opt button.
2. Select the channel to rename and press the **OK** button. And then a small editing name window will be displayed.
3. You can write each letter of the channel name using the ▲/▼/◀/▶ button and the **OK** button.
4. After renaming is done, select Done tab and
5. then press the **OK** button.
6. Press the **EXIT** button to exit.



You can change the Favorite group name.

1. Select the desired group.
2. Change the name of group according to above procedures.

<Remark>

It is impossible that Delete & Group function can be changed in grouping mode.

Space : Write between two characters.

Back : Delete characters.

Caps : Change between caps and lower case letter.

Done : To save the change.

Cancel : Exit rename mode.



### 6.3.5 Lock Mode

1. Select Lock Icon using the Opt button.
2. Select the channel to be locked and press the **OK** button.
3. Set the password. Locking mark will appear on the left side of the Channel name. To cancel it, just press the **OK** button.
4. Press the **EXIT** button to save and exit.





### 6.3.6 Group Mode

You can make the group up to the 8th group. It can accommodate 100 Channels in one group. So you can get 800 favorite channels.

1. Select Group Icon using the Opt button.
2. Select the channels that you want to make favorite channel list.
3. Press the **OK** button, and then a small favorite Window will appear on the right side of the screen.
4. Choose the group number using the **▲/▼** button and press the **OK** button. To cancel it, just press the **OK** button again.
5. If you want to select other channel in current group, press the **◀/▶** button. And then highlighted channel will be showed on the channel list.
6. Press the **OK** button to set the group with selected group using the **◀/▶** button.
7. Press the **EXIT** button to save and exit.



## 6.4 Option

While watching TV or listening to Radio, press the Opt button. You can watch small pop-up window. You can select a option.(Audio Language, Teletext Language, Subtitle Language) If you want to change the option mode, press the **◀/▶** button.

### 6.4.1 Audio Language

1. Select the 'Audio' using the **◀/▶** button.
2. Press the **▲/▼** button to select a desired audio language.
3. Press the **OK** button to change the audio language.



### 6.4.2 Close Caption

1. Select the 'Close Caption' using the **◀/▶** button.
2. Press the **▲/▼** button to select enable.
3. Press the **OK** button.
4. You can watch the Close Caption contents in the language if it is available.



## 6.5 A/V+

While watching TV or listening to Radio, press the A/V+ button. You can watch small pop-up window. You can select a option.(Audio Mode, Video Mode) If you want to change the option mode, press the **◀/▶** button.

### 6.5.1 Audio Mode

1. Select the 'Audio Mode' using the **◀/▶** button.
2. Press the **▲/▼** button to set the output direction for speakers.  
(STEREO, LEFT, RIGHT, JOINT)
3. Press the **OK** button to save and exit.





## 6.5.2 Video Mode

1. Select the 'Video Mode' using the ◀/▶ button.
2. Press the ▲/▼ button to set screen format of your TV.
3. Press the OK button to save and exit.



## 6.6 Fav

While watching TV or listening to Radio, press the Fav button. You can watch small pop-up window. You can select a Favorite group.

### 6.6.1 Satellite

1. Select the 'Satellite' using the ◀/▶ button.
2. Press the ▲/▼ button to select a Satellite.
3. Press the OK button, then you can watch the channel list of selected Satellite.



### 6.6.2 Favorite

1. Select the 'Favorite' using the ◀/▶ button.
2. Press the ▲/▼ button to select a group.
3. Press the OK button, then you can watch the channel list of selected group.



## 6.7 A-Z

While watching TV or listening to Radio, press the A-Z button. You can watch sorted channel list.

## 6.8 EPG

Press the EPG button and the electronic channel guide appears if applicable. Time intervals are arranged in a row and Channel lists are shown in a column.

### 6.8.1 EPG Information

1. Press the ◀/▶ button to change time interval.
2. Press the ▲/▼ button to watch the guide about the channel, and then press the INFO button, the detail EPG window will appear.
3. Press the OK button to exit.





Press the Opt button to reserve channels with event. If you want to know the detail Description about reservation, refer to the reservation description in chapter 5.4.2.

Press the INFO button to watch the detail EPG.

## 7. ATSC Menu Overview

### 7.1 Menu Instruction












Press the MENU button to display the main menu. You can select the sub menu using the ▲/▼/◀/▶ button. The selected sub menu becomes highlighted. When you have selected the sub menu you want, press the  button. When you want to return to the previous menu, press the  button. When you want to return to the live screen, press the Menu button.

### 7.2 Menu Help

In the menu, short information is displayed at the bottom of the screen.



-  : Using ▲/▼ button.
-  : Using P+/P- button.
-  : Using ◀/▶ button.
-  : Using  button.
-  : Using Opt, A/V+, Fav button.
-  : Using  button.
-  : Numerical button or ◀ Button.

### 7.3 Menu Structure

In the menu, short information is displayed at the bottom of the screen.

#### Installation

Auto Scan : Search the whole channel automatically without inputting the special parameters.

Manual Scan : Search the channel manually with user's inputting parameters.

#### System Setting

A/V Output Setting : Select the video or audio output.

Language : Select the display language, audio language, and subtitle language.

Time Setting : Setting current time.

Parental Control : Change the password and select the censorship classification

OSD Display : Setting OSD display time and transparency.

#### Channel

Sorting : Choose the channel sort type, such as by Transponder, Network, CAS.

Reservation : Reserving channels you want to record at your desired time.

Delete : Delete the channels such as Favorite, TV/Radio CAS, etc.

#### Advanced

Reset Factory Default : Restore the receiver to the default values.

Channel Upload : Transfer the programs from receiver to receiver or PC.

S/W Upload : Transfer the software from receiver to receiver or PC.

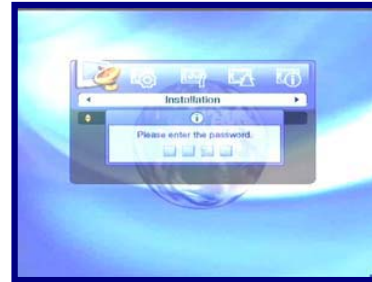
#### Status

System Information : Check the version of satellite receiver.

## 8. Menu Operation

### 8.1 Installation

#### 8.1.1 Installation



1. Press the Menu button to display the main menu.
2. Press the **OK** button on the sub menu. Some sub menus such as Auto Scan. Manual Scan on the Installation are locked by password, and the password pop-up window appears. The default password is "0000".

#### 8.1.2 Auto Scan

1. The left window shows TV channels and the right window shows Radio channels during the scanning process. White channel names are new channels downloaded to your receiver. Black channel names are already existing channels.



1. If you press the **OK** button when scanning for channels, pop-up window appears.
2. When you complete scanning for channels, a similar pop-up menu appears.
3. If you want to save the updated channels, select 'Yes'.



#### 8.1.3 Manual Scan

1. Change to the specific values you want to scan.
2. Press the **OK** button to start the manual scan.



- Channel : The target channel number for the manual scan.
- Frequency : The frequency of the channel you want to find manually.
- Network Search : When enable, the receiver searches for more channels using the network index table.
- PID Search : Search using Auto PID, Manual Dec, Manual Hex


## 9. PVR


### 9.1 File List




Play Delete Rename

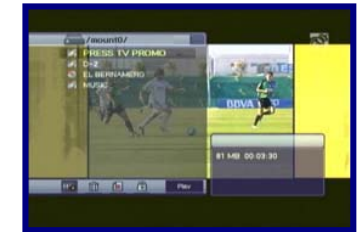
#### <Description of icons>

 : AV file format of recorded channels

 : Radio file format

#### 9.1.1 Playback mode

1. Select the 'Playback mode' using the Opt button.
2. Select the recorded file using the ▲/▼ button.
3. Press the  button and then the file will be played.
4. Press the EXIT button to close the file list.






#### 9.1.2 Delete mode

1. Select the 'Delete mode' using the Opt button.
2. Select the file you want to delete using the ▲/▼ button.
3. If you decide to delete the file, press 'Yes' on the pop-up window.
4. Press the EXIT button to exit.







#### 9.1.3 Rename Mode

1. Select 'Rename mode' using the Opt button.
2. Select the file to rename and press the  button. And then a small editing name window will be displayed.
3. You can write each letter of the file name using the ▲/▼/◀/▶/numeric button and the  button.
4. After renaming are done, select 'Done' tab and then press the  button.
5. Press the EXIT button to exit.



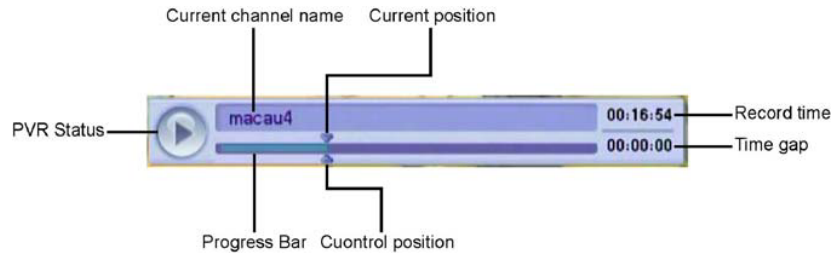
File which has been recording is marked in red color on the file list. Thus it is impossible for users to playback, delete and rename the file marked in red color on the way of being recorded.

Several available buttons on the file list. Users can record the live A/V and stop it. Also users can watch the existing recorded file using the trick button such as PLAY(  ), FF(  ), REW(  ), SLOW(  ).



## 9.2 PVR Banner

To access the PVR Banner, press the ◀/▶ button or the trick button such as PLAY( ▶ ), FF( ▶▶ ), REW( ◀◀ ), SLOW( 1▶ ).



### <The description of icons>



: Playback and trick status

### 9.2.2 Record

1. Press the Record( ● ) button to record the channel you're watching.
2. Record mode can't be canceled by any control such as changing channel, etc. except pressing the STOP( ■ ) button.



Max duration time for recording is set to the default record time which set in Menu. If you want to change the duration, press the ◀/▶ button. (Minimum: 5Minutes, Maximum: 10Hours)

### 9.2.3 Playback

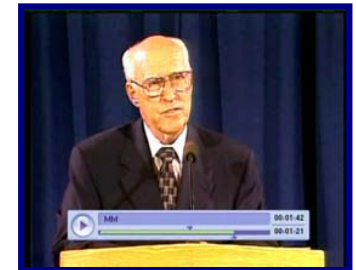
1. Press the LIST button to open the file list.
2. Select the file you want to watch using the ▲/▼ button.
3. Press the OK or PLAY( ▶ ) button.



1. Press the EXIT button to exit from the file list.
2. Press the ◀/▶ button or trick button such as REW, FF, etc., if you want to check the status of playing.



1. Press the numeric button(0~9) in Playback mode.
2. Each number means the ratio of the number to ten. If you press number 3, control position will be located 30% progressed position.



### Jump in playback mode

1. You can locate the control position to the desired position using the ◀/▶ button.
2. By releasing the ◀/▶ button, playback continues from this position.



### Bookmark

For your convenience, the bookmark function enables you to set bookmarks within the media file to continue or target a special position in media file.

1. Play the file you want to watch.
2. Move the control position to the favored position using the ◀/▶ button. Then press the MARK button and the white small bar will be placed at that position.
3. To delete the Bookmark, move the control position using the ◀/▶ button to the desired Bookmark and then the color of the control position turns black Just that time, press the MARK button.



4. Press the JUMP button and the control position will jump to the next bookmarked position and playback starts from this point.

The maximum number of the Bookmark is twenty in a file.

The first Bookmark exists at the starting position of the file.

## 9.2.4 FF/REW/SLOW mode

These functions are available in Playback mode and Time Shift mode.

### <Fast Forward / Speed : x2 >

1. Press the FF(▶▶) button.
2. If you press the FF(▶▶) button continuously, speed will be increased up to 4 times.



: Fast forward icon on Playback mode.

### <Rewind / Speed : x2 >

1. Press the REW(◀◀) button.
2. If you press the REW(◀◀) button continuously, speed will be increased up to 4 times.



1. Press the A-B button again on the ending point and then pop-up window are displayed.
2. You can select the function such as Repeat block, Copy block, Cut block using the ▲/▼ button.
3. Press the OK button to start repeating or copy or cut block.
4. Press the EXIT button or the A-B button to cancel setting block.

## Additional Information

### A.1 Troubleshooting

There may be various reasons behind receiver problems. Check the receiver according to the procedures described below.

If you can't solve your problem even after following the troubleshooting procedures, please contact the dealer. Do not open the receiver cover. It may cause a dangerous situation.

Symptom	Cause	Remedy
<b>The front panel doesn't display any message.</b>	The power cord is not plugged in.	Check that the power cable is plugged in to the wall outlet.
<b>No picture or sound.</b>	Wrong connection of the Audio/Video output of the receiver to TV.	Connect the Audio/Video output of the receiver to TV correctly.
	Wrong connection of the antenna.	Connect the antennal cable correctly.
	No or Bad signal message appears.	Check other device connected between Antenna and the receiver, or adjust the antenna position.
	Audio muting	Press the MUTE button
	TV Power	Turn TV on.
<b>No picture.</b>	The receiver can't receive the signal.	Check the antenna cable, replace the cable, or connect the cable to the receiver tightly.
	Incorrect values of some tuner parameters.	Set the values of tuner parameters correctly. Refer to the Installation menu.
<b>No or bad signal.</b>	The UHF Antenna is not Pointing.	Adjust the antenna.
	Signal too strong.	Connect the signal attenuator to the signal input.
	Antenna is too small.	Change to a larger antenna.
<b>The remote controller does not operate.</b>	The batteries of the remote controller are not inserted or exhausted.	Check whether the batteries are inserted correctly in your remote controller. Check and replace the batteries of the remote controller.
<b>Poor picture quality.</b>	Signal loss cable.	Change the antenna power in Antenna menu.
<b>Less channels in scanning.</b>		