

# SENCOR®

## SHR 9600T

HD Media Recorder & Player

HD Rekordér & Přehrávač

HD Rekordér & Prehrávač

# SHR

USER'S MANUAL  
PŘÍRUČKA UŽIVATELE  
PRÍRUČKA UŽIVATEĽA

EN CZ SK



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# Important safety instructions


 THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE UNIT'S CABINET THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.


 THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE MANUAL ACCOMPANYING THE UNIT.

 THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

 THE APPLIANCE COUPLER IS USED AS THE DISCONNECT DEVICE, THE DISCONNECT DEVICE SHALL REMAIN READILY OPERABLE.

 ALWAYS REMEMBER TO REMOVE THE PLUG FROM THE MAINS SOCKET BEFORE DISCONNECTING THE POWER LEAD FROM THE BACK OF THE UNIT.

 DO NOT PLACE AN OPEN FIRE (SUCH AS A CANDLE) ON THE DEVICE.

 **WARNING:**  
TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE. NEVER ATTEMPT TO OPEN THE CABINET, DANGEROUS HIGH VOLTAGES ARE PRESENTED IN THE UNIT. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

 This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

## 1. Read Instructions

All the safety and operating instructions should be read before the product is operated.

## 2. Retain Instructions

The safety and operating instructions should be retained for future reference.

## 3. Heed Warnings

All warnings on the product and in the operating instructions should be adhered to.

## 4. Follow Instructions

All operating instructions should be followed.

## 5. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth from cleaning.

## 6. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

## 7. Water and Moisture

Do not use this product near water for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

## 8. Accessories

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

# Important safety instructions

## 9. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface.

This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

## 10. Power Sources

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.

## 11. Grounding or Polarization

This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

## 12. Power Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

## 13. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges.

### Lightning

For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning or power lines surges.

## 14. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

## 15. Object and liquid entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind to the product.

## 16. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

## 19. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- A) When the power-supply cord or plug is damaged,
- B) If liquid has been spilled, or objects have fallen into the product,

## Important safety instructions

- C) If the product has been exposed to rain or water,
- D) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment or other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
- E) If the product has been dropped or damaged in any way.
- F) When the product exhibits a distinct change in performance this indicates a need for service.

### **18. Wall or Ceiling Mounting**

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

### **19. Heat**

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

# SENCOR®

## **Precautions When Still Image is Displayed. Red/Blue/Green/Black spots on the screen**

### **A still image may cause permanent damage to TV screen**

- Do not display still image on the LCD panel for more than 2 hours as it can cause screen image retention. This image retention is known as "screen burn". To avoid such image retention, reduce the degree of brightness and contrast of the screen during still image watching.
- Similar "screen burn" effect can appear on the LCD panel due to still TV channel logo displaying.
- Watching TV in 4:3, 14:9 or similar modes which doesn't cover whole screen for long period of time may leave traces of borders displayed on the left, right or center of the screen caused by the difference of light emission on the screen. Playing a DVD or a game console can cause a similar effect to the screen.
- Displaying still images from video games and PC for longer than a certain period of time may produce partial after-images. To prevent this effect reduce the brightness and contrast when displaying still images.



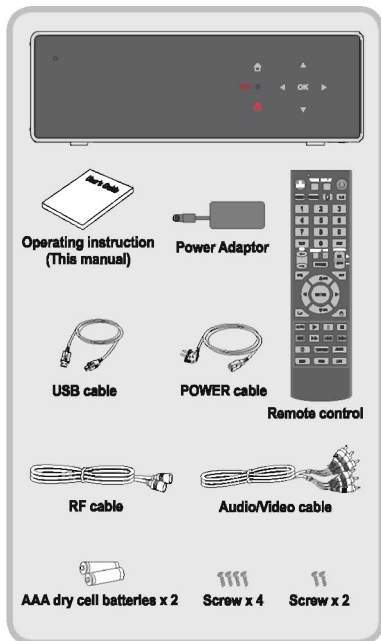
Damage caused by above reasons is not covered by the Warranty!

### **There may appear red spots, blue spots, green spots and black spots on the screen**

- This is a characteristic of liquid crystal panels and is not a problem. The liquid crystal panels are built with very high precision technology giving you fine picture details. Occasionally a few non-active pixels may appear on the screen as fixed point of red, green, blue or black (up to 0.001% of total display pixels). Please note this doesn't affect the performance of your LCD TV.

## Before You Start

Thank you for buying this product. Please confirm that the following accessories are in the box when you open it.

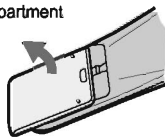


### NOTE

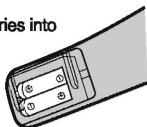
- The Power Plug is subject to the each country specification.

## Putting the batteries in the remote control

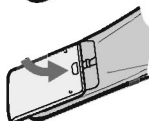
- 1 Open the battery compartment cover on the back of the remote control.



- 2 Insert two AAA/R03 batteries into the battery compartment following the indications (+, -) inside the compartment.



- 3 Close the cover.



## Using the remote control

Point the remote control to the remote sensor.

**Note:** Do not expose the remote sensor or the device to strong light source, e.g. direct sunshine.

**Follow these instructions when using the remote control:**

- Make sure that there are no obstacles between the remote and the remote sensor on the unit.
- Do not expose the remote control to direct sunshine or other source of heat. The reliable operation cannot be guaranteed.
- Do not expose the remote control to dripping or splashing water or other liquid. Do not place any objects filled with liquids (such as vases) or heavy objects.
- If using several remote controls in one room, make sure that these are not used at the time and that devices operated by different remote controls would be placed near this device.
- Replace the batteries when you notice a fall off in the operating range of the remote control.

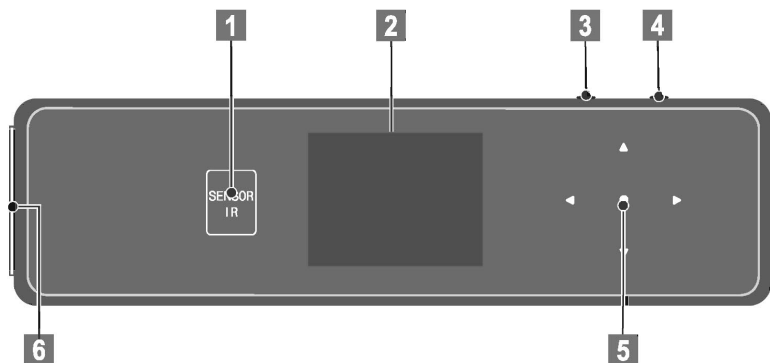
### NOTE

**Incorrect use of batteries can result in hazard such as leakage and bursting. Please observe the following:**

- Do not insert the batteries in the wrong direction.
- Do not recharge, heat, open or short the batteries.
- Do not throw batteries into a fire.
- Do not leave discharged batteries in the remote control.
- Do not combine various types of batteries or new and old batteries.
- If you are not using the remote control for a longer period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
- If the remote control is not working correctly or its operational range is reduced, change all batteries for new ones.
- If electrolyte leaks out from the batteries, have the remote control cleaned by an authorised service centre.
- When disposing of used batteries, please comply with local regulations apply in your country or area.

## Control & Name

### Front



**1 IR receiving part**  
To receive IR signal from remote control

**2 TFT LCD Display**

**3 Guide**  
To display Guide Menu.

**4 Stand by/ Power On**  
To Power on the unit or switch into stand-by mode

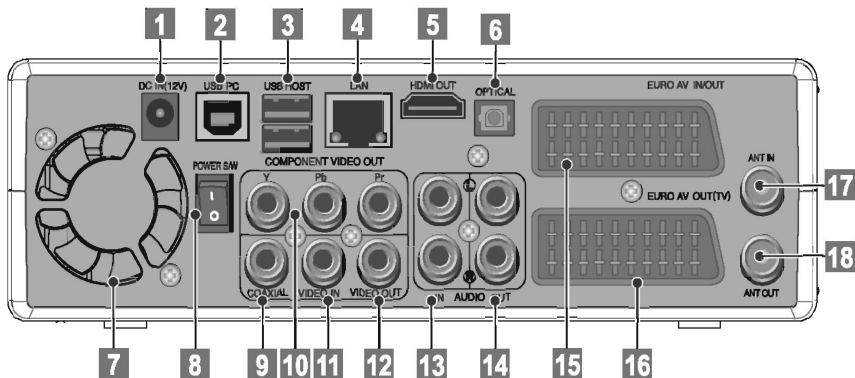
**5 Arrow button**  
To move ◀, ▶, ▲, ▼, Playback, Pause, Select

**6 Card Reader**  
SD, MMC, MS Card Reader



## Control & Name

### Rear - Euro Scart Verion



#### 1 DC IN (12V)

To Connect Power Adapter cable

#### 2 USB PC

To Connect to USB host of Computer for using This Unit as an external HDD

#### 3 USB HOST

Digital Input jack for USB Storage (USB external HDD or USB memory) It can be used for Wireless Option.

#### 4 LAN

To Connect to LAN cable

#### 5 HDMI OUT

To Connect to HDMI input of TV

#### 6 OPTICAL

To Connect to Optical Input of Digital Amplifier

#### 7 FAN

Cooling Fan

#### 8 POWER S/W

Mechanical Power Switch to supply power to This Unit or to cut it off

#### 9 COAXIAL

To Connect to Coaxial Input of Digital Amplifier

#### 10 COMPONENT VIDEO OUT

To Connect to Component Video Input of TV

#### 11 VIDEO IN

To Connect to Composite Output of AV device such as Set Top Box or VCR

#### 12 VIDEO OUT

To Connect to Composite Video Input of TV

#### 13 AUDIO IN

To Connect to Audio out of AV device such as Set Top Box or VCR.

#### 14 AUDIO OUT

To Connect to Audio Inputs (L, R) of TV

#### 15 EURO AV IN/OUT

To Connect to Scart Output of AV device such as Set Top box or VCR

#### 16 EURO AV OUT (TV)

To Connect to Scart Input of TV

#### 17 ANT IN

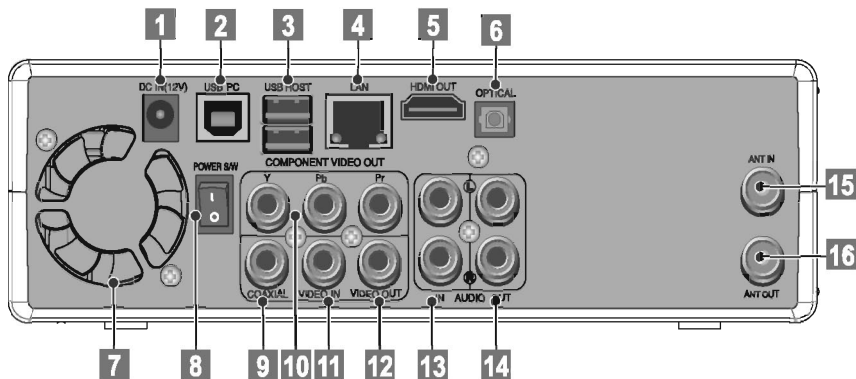
Connect to external antenna

#### 18 ANT OUT

Connect to antenna input of TV

# Control & Name

## Rear - Standard Version



### 1 DC IN (12V)

To Connect Power Adapter cable

### 2 USB PC

To Connect to USB host of Computer for using This Unit as an external HDD

### 3 USB HOST

Digital Input jack for USB Storage (USB external HDD or USB memory) It can be used for Wireless Option.

### 4 LAN

To Connect to LAN cable

### 5 HDMI OUT

To Connect to HDMI input of TV

### 6 OPTICAL

To Connect to Optical Input of Digital Amplifier

### 7 FAN

Cooling Fan

### 8 POWER S/W

Mechanical Power Switch to supply power to This Unit or to cut it off

### 9 COAXIAL

To Connect to Coaxial Input of Digital Amplifier

### 10 COMPONENT VIDEO OUT

To Connect to Component Video Input of TV

### 11 VIDEO IN

To Connect to Composite Output of AV device such as Set Top Box or VCR

### 12 VIDEO OUT

To Connect to Composite Video Input of TV

### 13 AUDIO IN

To Connect to Audio out of AV device such as Set Top Box or VCR.

### 14 AUDIO OUT

To Connect to Audio Inputs (L, R) of TV

### 15 ANT IN

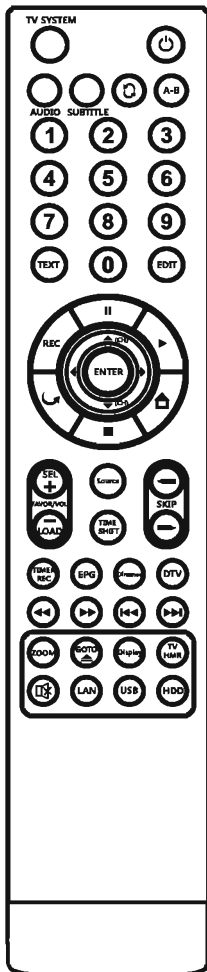
Connect to external antenna

### 16 ANT OUT

Connect to antenna input of TV

# Control & Name

## Remote Control



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### A

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#### A-B

To repeat a certain section

#### ARROW (▲▼◀▶)

To select an item of menu

#### AUDIO

To select Audio language or Audio channel

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### D

---

#### DISPLAY

To view the information on current working status  
To view the channel information on a TV channel  
To make it disappear pressing one more time

#### DTV

To view TV channel

---

### E

---

#### EDIT

To edit the selected title or files

#### ENTER

To execute the selected function  
To view the channel list on a TV channel

#### EPG (DTV function)

To view the electronic program guide

# Control & Name

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## F

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### FAVORITE

To select or load AV files to Favorite folder

---

## G

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### GOTO

To go back or forward to the specific point

### GUIDE(△)

To show the guide menu

---

## H

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### HDD

To go to browsing folders or files of Installed HDD  
To control viewing of teletext

---

## L

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### LOAD

To load favorite files to the Favorite folder

### LAN

To go to browsing folders or files of connected LAN  
To control viewing of teletext

---

## M

---

### MUTE(🔇)

To turn off or on the sound

---

## N

---

### NEXT(▶▶)

To jump to next chapter or next pre-specified point

### NUMERIC(0-9)

To select number or to type the number

---

## P

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### PAUSE(⏸)

To pause playing to view the still picture.

### PLAY(▶)

To view the selected titles or AV files

### POWER(🔌)

To turn on or off from stand by mode

### PREV(◀◀)

To jump back to previous chapter or previous pre-specified point

---

## R

---

### REC

To start recording. To select one touch recording step by pressing additionally

### REPEAT(🔄)

To select the repeat mode of the title or files being played

### RETURN(🏠)

To get out of the current mode, To go to one directory back in the file directory

## Control & Name

### S

#### SCAN-FWD( )

To go forward fast during playback

#### SCAN-REV( )

To go backward fast during playback

#### SEL

To select favorite AV files

#### SKIP( )

To jump to 10 seconds backward

#### SKIP( )

To jump to 30 seconds forward

#### SOURCE

To select input mode and to go to it

#### STOP( )

To stop the playback

#### SUBTITLE

To select and to view the subtitle

### T

#### TEXT

To display Teletext selection box or return to program

#### TIMESHIFT

To start Timeshift or To stop Timeshift

#### TV SYSTEM

To select TV system. It toggles NTSC → PAL  
→ NTSC Progressive Scan (480P) → PAL  
Progressive Scan(576P) → 720P → 1080i →  
1080P → NTSC

#### TV/HMR

To select TV signal or This Unit's signal when they  
are connected with Scart Cable  
It works only they are connected with Scart cable.  
It is useful especially if your Scart TV has Scart  
Auto Detect function

### U

#### USB

To go to browsing folders or files of connected  
USB storage  
To control viewing of teletext

### V

#### VOLUME

+ : To increase volume  
- : To decrease volume

### Z

#### ZOOM

To start and to select Zooming functions

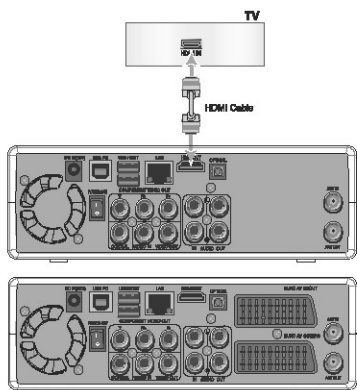
#### NOTE

• You can not see the picture if you select the wrong TV system that your TV does not support

# Connection

## 1 Connection to TV

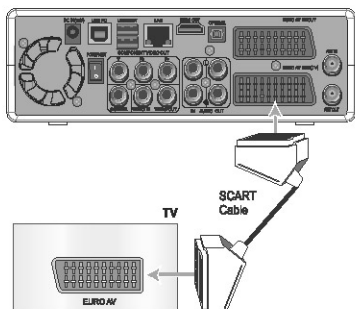
### 1-1 HDMI



#### NOTE

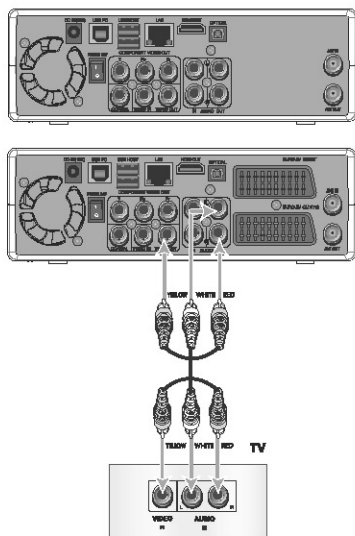
• Most of HDMI TV do not support interlaced signal (576i/480i) which is default video output setting in this unit. Please press TV SYSTEM button on remote control in order to get the right signal when you connect TV with HDMI cable.

### 1-2 Scart



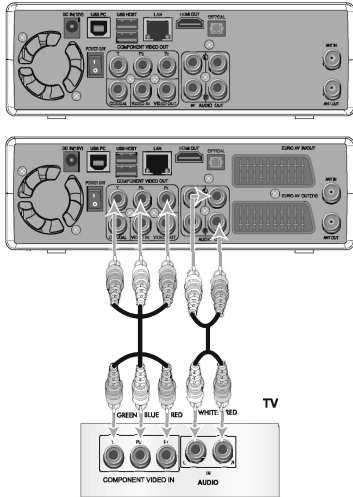
• Scart : Scart version only

### 1-3 AV (Composite Video and 2ch Audio)



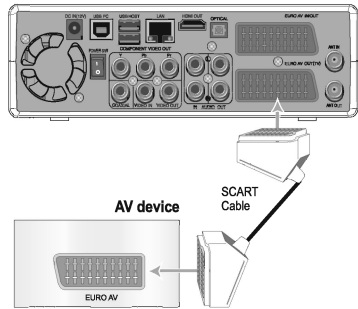
# Connection

## 1-4 Component Video and 2ch Audio



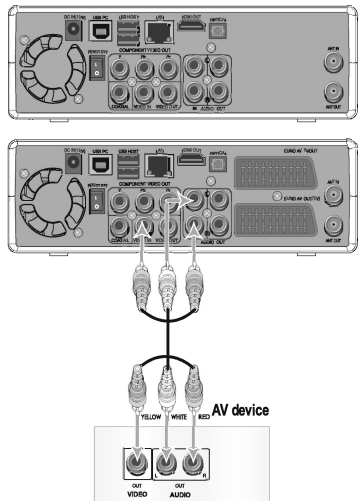
## 2 Connection to AV Input with AV device (Satellite, Digital Terrestrial, or Cable Set Top box, VCR etc.)

### 2-1 Scart Input



\* Scart : Scart version only

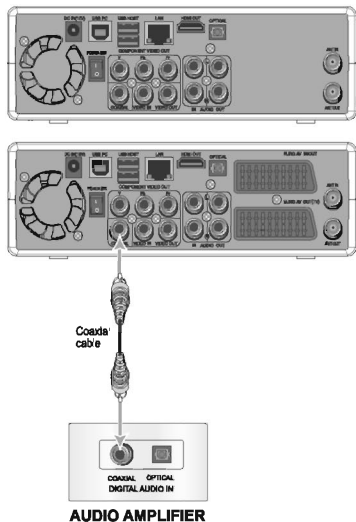
### 2-2 AV Input (Composite Video and 2ch Audio)



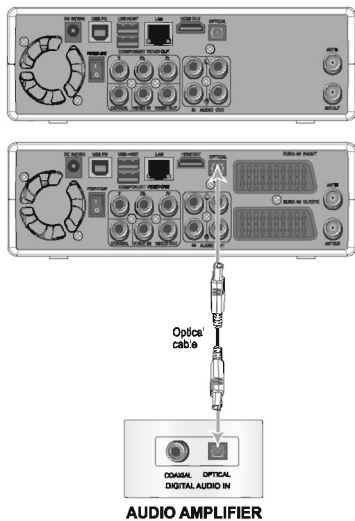
# Connection

## 3 Connection to Digital Amplifier

### 3-1 Coaxial Audio Out



### 3-2 Optical Audio Out



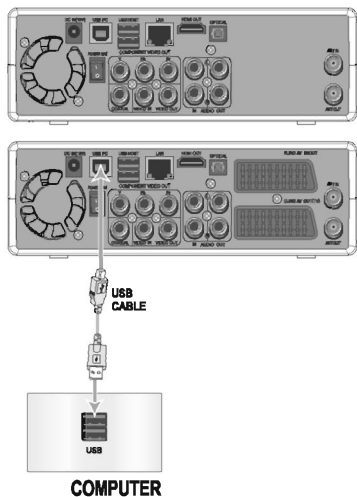
#### NOTE

- Please make sure that Digital output setting is SPDIF RAW or SPDIF LPCM in set up menu.
- When you set Digital Audio Output to SPDIF RAW in the Setup Menu in order to connect this unit to Digital Amplifier, you might hear some noise from TV when this unit is connected to TV with HDMI. It is because some televisions are not able to make digital audio raw data mute nor to decode it. In this case, please make the TV sound mute manually so that you can enjoy the sound from the digital amplifier.

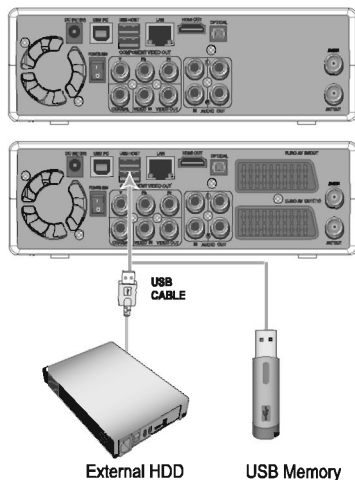


# Connection

## 4 Connection to Computer



## 5 Connection to USB external HDD or USB Memory (2 port)



### NOTE

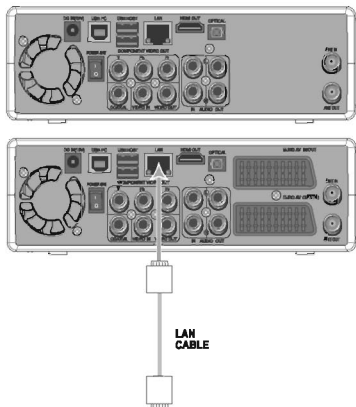
- Please connect This Unit to USB 2.0 port in order to get the high speed (Upto 480Mbps) file transfer.
- This Unit shall work only USB 1.1 speed if it is connected to USB 1.1 port in your computer

### NOTE

- You can also connect Wireless Dongle which are optional accessories.

# Connection

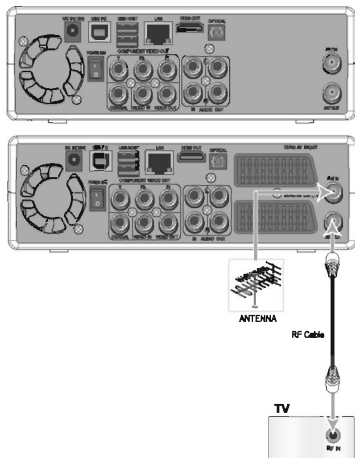
## 6 Connection with LAN



### NOTE

• Please refer to Network explanation in Using the SET UP Menu (Network Section).

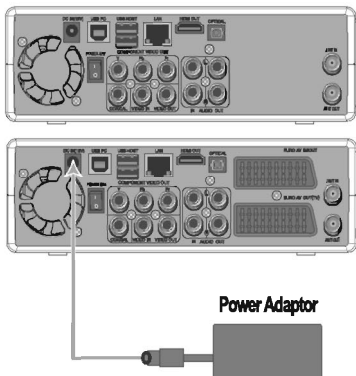
## 8 Connection with Antenna and RF cable



### NOTE

• RF OUT is signal pass-thru only.

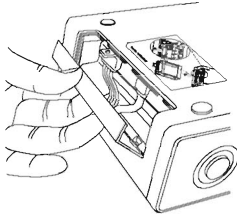
## 7 Connection for Power Adaptor



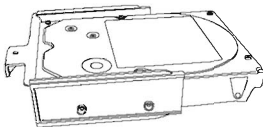
# HDD Installation

## HDD Installation

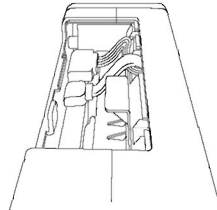
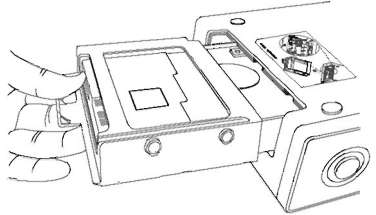
- 1 Turn the unit upside down.
- 2 Open the HDD door case by pressing it down after unscrewing it (only if there is screw fastened).



- 3 Take out the HDD bracket by pressing the push point and pull the handle out after unscrewing the handle (only if there is screw fastened).
- 4 Push the HDD into the bracket and assemble it with bracket by fastening 4 screws.



- 5 Push the HDD into the bracket and connect power cable and Data cable.



- 6 Screw the handle of bracket and the unit, and close door case.
- 7 Screw the Door Case and the unit (if necessary).

### NOTE

• When you disconnect the cables in order to change HDD, please disconnect them while the holding stick is locked in order to prevent the connectors from damages.

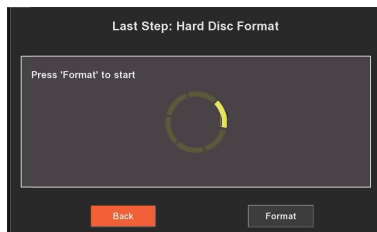
# HDD Format

## HDD Format

When you select HDD Format in Set Up Menu, the following OSD will appear. Select OK to format HDD.



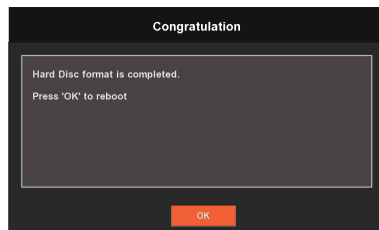
## 2 Format execution



- 2-1 Press ► button and select Format by pressing ENTER or OK button on the front Key, Format will start.

## 1 Timeshift Buffer

You can adjust the capacity of Timeshift Buffer according to your preference. Default is 4GB for 1hour duration.



- 2-2 Select OK button by pressing ENTER or OK button on the front Key. Format is completed.

### NOTE

- Format will erase all the contents and data in the HDD. Please format HDD after back up of important contents and data first.
- The above OSD may not be shown on your TV when it is connected with HDMI cable. In this case, please try again with connecting TV through Scart or RCA cable.

# Initial Setting

## Initial Setting

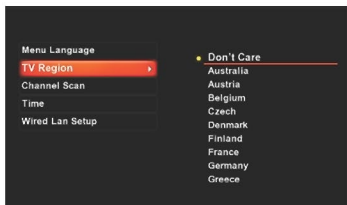
When you power on This Unit first time, you can set your language, Time or LAN.

- 1 **Connect power plug into socket.**
- 2 **Connect one end of adapter to This Unit while the other end to power cord.**
- 3 **Switch On the mechanical switch located on the rear panel of This Unit. This Unit will go to Guide Home menu.**
- 4 **Press POWER button on your remote control or on front case. This Unit will Power On from the stand by mode. It may take about 20 seconds for initializing.**

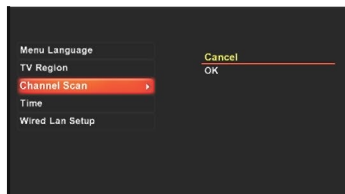
You can find that the below Initial Setting OSD will show up.



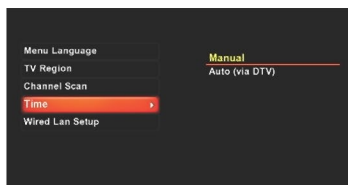
- 4-1 Select your language by pressing ▲, ▼ buttons and ENTER to execute it.
- 4-2 Select your country by pressing ▲, ▼ buttons to scan DTV channel (Tuner model only)



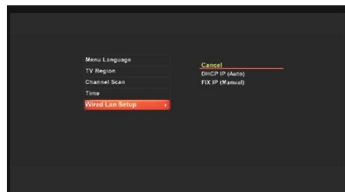
- 4-3 Select OK and press ENTER to scan DTV channel. Select Cancel and press ENTER if you don't want to scan.



- 4-4 Set the current date and time by pressing Number button and ▲, ▼ button and press ENTER to execute it.

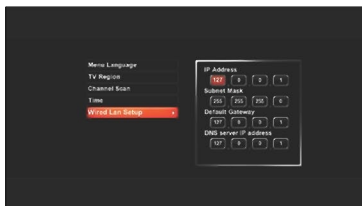


- 4-5 Select OK and press ENTER when you are asked again. Select Cancel and press Enter if you want to cancel the setting.
- 4-6 Select DHCP IP (Auto) or Fix IP (Manual) according to your IP status by pressing ▲, ▼ button and press ENTER to execute it.



## Initial Setting

- If you select DHCP IP (Auto), The IP address will be set according to DHCP in your network.
- Select Cancel if you do not have network available or you do not want to set it up now.
- If you select Fix IP (Manual), Set the LAN manually according to your network by pressing Numbers or ▲, ▼ button and press ENTER to execute it.



- 4-7 Select OK and press ENTER when you are asked again. Select Cancel and press ENTER if you want to cancel the setting.

### NOTE

- Please refer to Network setting explanation in this manual for the further information.
- The above OSD may not be shown on your TV when it is connected with HDMI cable. In this case, please try again with connecting TV through Scart or RCA cable.

### GUIDE

You can enjoy This Unit very easily by simply pressing GUIDE button on your remote control or on front key.



- 1 AV In**  
Select it if you want to make the recording from AV equipment that is connected to This Unit through AV Input.
- 2 Browser**  
Select it if you want to play and edit AV files in the device connected in This Unit.
- 3 Timer Recording**  
Set or Edit Timer Recording setup.
- 4 File Copy**  
Select it if you want to make file copy from various source to various target connected in This Unit.
- 5 Set Up**  
Select it if you want to change the system set up.

# Playback

## AV File Playback

You can playback various Audio, Video and Photo files in installed HDD, USB Storage and Network. Please check first the supported format guide before you start section.

- 1 Press **GUIDE(△)** button on Remote Control or on Front key.
- 2 Select Browser by pressing **◀, ▶** button and press **ENTER** button on Remote Control or **OK** button on Front Key.



- 3 Select a type of AV file you want to playback from All, Music, Movies and Photo by pressing **◀, ▶** button. Selected type will be enlarged. Only selected type of AV files will be shown on the TV screen. You can see all the files like Music, Movies and Photo when you select All. You can change it only in root directory so that please go to the root directory first if you want to change it by pressing **▲, ▼** button.
- 4 Select the device where the required files are located from USB, HDD, NET and FAVORITE by pressing **▲, ▼** button. Press the **ENTER** button on your remote control or **OK** button on front key.
- 5 Select the directory where the required files are located in the directory list by pressing **▲, ▼** button. Press the **ENTER** button on your remote control or **OK** button on front key.



- 6 Select your required file by pressing **▲, ▼** button and press **ENTER** button to see the file information and press **PLAY** to watch Video file in full screen without file information display.

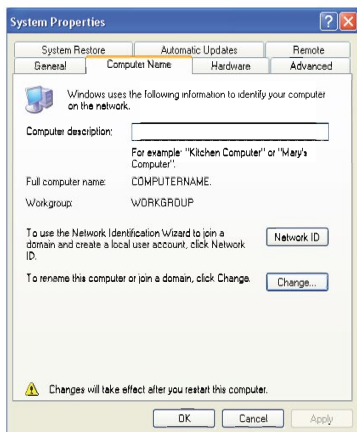
### NOTE

- Displaying file information by **ENTER** is only available with the video file. The information of Music and Photo file appears automatically without pressing **ENTER** button.

- 7 AV files Playback In network computers

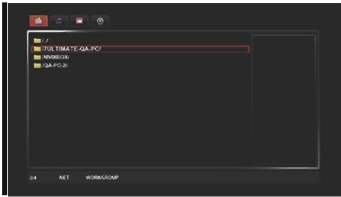
You can enjoy the AV files playback in your network computer without copying them into this unit. Make sure that your network connection is correct first in Network part in Using Set Up menu section. Please check also Workgroup name and Full Computer Name in your computer because they will be shown as folder names. Go to My computer and select 'Property' after pressing right button on the mouse.

Select Computer name tap and the you can find the names as below;



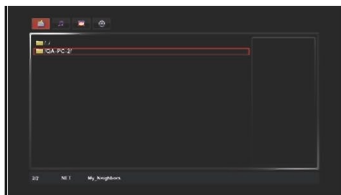


- 7-1 You can find the same name of 'WORKGROUP' names of the computers in the network. It can be MSHOME, WORKGROUP or any other name according to user's setting in the computer.



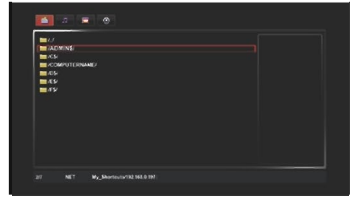
- 7-2 Select the WORKGROUP name which you want and press ENTER button.

- 7-3 You can find the same name of 'Full Computer Name' you set in your computer. It can be any name like 'Computer name'.

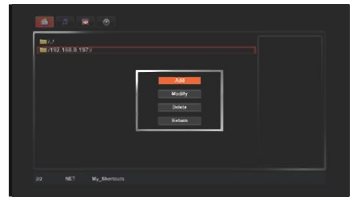


- 7-4 Select the folder you shared in the computer and enjoy the AV files.

- 8 LAN playback in My Shortcuts  
You can connect to computer directly with LAN cable or via router for sharing the folder and files. You can set them to be shown in My\_Shortcuts directory.



- 8-1 Set Up  
Press the EDIT button on your remote control in MY\_Shortcuts directory. You can add, rename or delete the IP address in the network.

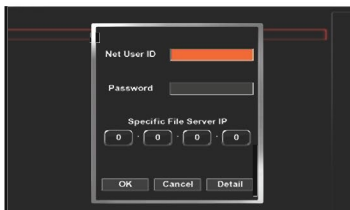


If your LAN condition is in the intranet, more than one IP address can be added and you can easily enjoy the files you want to playback in the sharing folder of all the computers connected through the LAN.

# Playback

## 8-2 Network Browser

After selection of an add item, you can browse a network by typing the specific IP address your computer is connected to.



### 1 Net User ID

Enter and then type your user ID if assigned. You can skip it without typing anything also.

### 2 Net Password

Enter and then type your password if registered. You can skip it without typing anything also.

### 3 Specific File Server IP

Type the IP address as your computer you want to connect.

After going out from the Network Browser, you can see the IP address you typed. Please browse network in the directory named IP address. If you find the sharded folder, you are connected to LAN successfully.

## 9 Subtitle File

This unit support most subtitle files such as smi, ssa, srt.

### 9-1 Subtitle On or OFF

Press SUBTITLE button on the remote control during Playback to set subtitle off or to select language.

The subtitle language toggles Unicode, Western, Turkish, Central European, Greek, Cyrillic, Hebrew, GBK, and Korean.

### 9-2 Subtitle Size

During the playback, you can adjust the size of subtitle, by pressing ENTER button on remote control. The size is changed to small, middle or big whenever pressing the ENTER button.

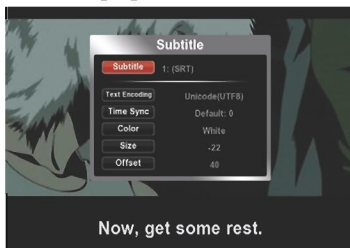
## 9-3 Location change

During playback, press ▲ button on remote control for moving upward or ▼ for moving down.

## 9-4 Subtitle delay

You can delay the subtitle display by pressing ◀ or ▶ button on remote control. The delay step is +/- 100ms.

## 9-5 Default language



You can initially set the subtitle language by selecting one of languages listed in Text Encoding of System menu, in SETUP.

## 10 Favorites

You can enjoy your favorite files as the steps below.

10-1 Press GUIDE button on Remote Control or on Front key.

10-2 Select Browser by pressing ◀, ▶ button and press ENTER button on Remote Control or OK button on Front Key

10-3 Select HDD to make favorite files by pressing ▲, ▼ button on remote control. Favorite files can be selected only from HDD.

10-4 Press ◀, ▶ button to select All category where you can select AV files for favorite one.

**10-5** Select your required file by pressing ▲,▼ button and press FAVORITE SEL button on remote control to select the file as your favorite. Press ▲,▼ button to select another favorite file. Press FAVORITE LOAD to load the selected files to favorite folder.

**10-6 Unload files from Favorites folder**  
Select the file you want to delete in the Favorite folder by pressing ▲,▼ button and press FAVORITE SEL button on remote control. Press ▲,▼ button and SEL button to select another file. Press FAVORITE LOAD to delete the files in the Favorite folder. You can find out the files you selected were deleted in the Favorite folder.

**NOTE**

• Please select and load AV files for Favorites in each tap of Movie, Photo, Music. Some of functions are restricted if you do it in ALL tap.

# Playback

## Advanced Playback

1 You can enjoy the following advanced playback with your remote control while playback.

Icon in RCU	Name	Description	AV file Playback		
			Video File	Audio File	Photo File
	Previous	Jump back to	Previous file	N/A	Previous file
	Next	Jump to Next	Next File	N/A	Next File
	Reverse Scan	Fast backward	1.5x, 2x, 4x, 8x, 16x, 32x, 1x	2x,4x,8x,16x, 1x	N/A
	Forward Scan	Fast forward	1.5x, 2x, 4x, 8x, 16x, 32x, 1x	2x,4x,8x,16x, 1x	N/A
	Audio	Showing Audio information and change audio if there are multi audio tracks in the contents.		N/A	N/A
	Subtitle	Showing Subtitle information and change it if there are multi subtitles.		N/A	N/A
	Repeat	Repeat playback	Title, Chapter, All	File, List all, Off	N/A
	A-B	Repeat specific section.	A: Starting point. B: ending point, OFF	N/A	N/A
	Zoom	Zoom the screen by	2x, 3x, 4x, 8x and 1x	N/A	2X,4X,8X,16X,Fx
	Display	Showing the information	Source device, Index No, time past, File name	N/A	Source, Title No, File Name

### NOTE

• Some of the functions may not work depending on the file format.

## 2 Slide Show with Background Music

You can select Music file first and select the photo directory and press PLAY button where you want to have slide show by Browsing Menu.

Make sure the setting of background music in Setup Menu is set as Folder or Favorite. Slide show timing and transition effect are available in Misc menu of Set Up Menu.

## Supported AV format

- Video : H.264, MKV, MPEG1/2 (TS,TP,MPG,IFO,VOB), MPEG4 (AVI), WMV9, RMV,MOV.
- Audio : MP3, WMA,FLAC, OGG,WAV, Dolby Digital
- Photo : JPEG, BMP,GIF,TIF

### NOTE

• Some of files in the above format may not be played back depending on the encoding method.

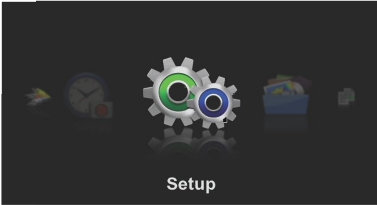
• You are kindly requested to make transcoding them again with the general methods by computer with proper utility program.

# Watching the Digital TV

This unit is capable of receiving the digital broadcasting but not the analog broadcasting. This chapter describes functions such as installation and basic features for watching digital TV program.

## Installation

- 1 Press **GUIDE** button and then select **Setup** to scan DTV channel



- 2 Select **TV** on the Setup menu



- 3 **DTV region select**

- 1 Press **ENTER** button after selecting "DTV Region".



- 2 Select your country using **▲** or **▼** button and press **ENTER** button.

## 4 AUTOMATIC CHANNEL SEARCH

- 1 Press **ENTER** button after selecting "Channel Scan".



- 2 Select **AUTO SCAN** using **▲** or **▼** button and press **ENTER** button.  
It starts searching the digital broadcasting automatically.  
If you want to stop searching, press **ENTER** button.

- 3 After the auto search is finished, press **RETURN** button to exit.

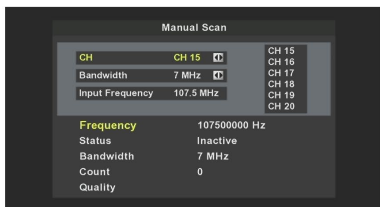
## 5 MANUAL CHANNEL SEARCH

- 1 Press **ENTER** button after selecting "Channel Scan".



# Watching the Digital TV

- 1 Select **MANUAL SCAN** using **▲** or **▼** button and press **ENTER** button.



- 2 Select Channel number using **◀** or **▶** button, which you want to find.
- 3 Enter the frequency of channel which you want to find by using 0 to 9 button.
- 4 Press **ENTER** button to search the channel. It starts searching the designated channel.
- 5 After the search is finished, press **RETURN** button to exit.

## 6 Antenna Power

This product can provide power for TV antenna to boost TV signal strength. It's recommended to turn on when your antenna has boost function.

- 1 Press **ENTER** button after selecting "Antenna Power".



- 2 Select Antenna power off or on using **▲** or **▼** button and press **ENTER** button.

## 7 Press **GUIDE** button to exit from the setup menu.

## Channel Organizing

- 1 Press **GUIDE** button and then select **Setup**
- 2 Select **TV** on the Setup menu
- 3 Press **ENTER** button after selecting "Channel Set" and then select **DTV**



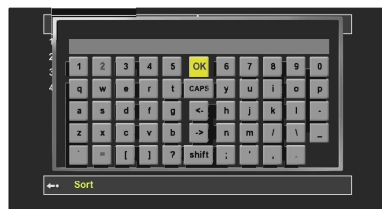
## 4 RENAMING PROGRAM

You can change the name of program on the channel.

- 1 Press **ENTER** after selecting a program you want to rename by using **▲** or **▼** button.



- 2 Select Name using **▲** or **▼** button and press **ENTER** button. The key board will show on the screen.



- 3 Select a letter which you want to input using **◀**, **▶**, **▲**, **▼** button, and press **OK** to confirm. If you want to cancel to rename, press **RETURN** button to exit the key board.

# Watching the Digital TV

## 5 DELETING PROGRAM

You can delete a program on the channel list and channel searching.

- 1 Press ENTER after selecting a channel you want to delete by using ▲ or ▼ button.
- 2 Select Delete using ▲ or ▼ button.
- 3 Select Yes or No using ◀, ▶ button and press ENTER.  
If you select Yes, the channel will be deleted on the channel list in TV channel.

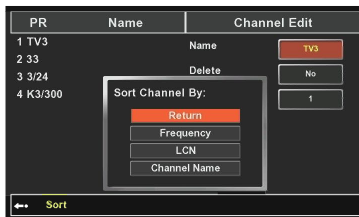
## 6 MOVING PROGRAM

You can move a channel to change the order of channel searching.

- 1 Press ENTER after selecting a channel you want to move to other position on the channel list by using ▲ or ▼ button.
- 2 Select "Move to" using ▲ or ▼ button.
- 3 Press ◀, ▶ button to select a channel number to move, and then press ENTER to move at the front of the channel number selected.

## 7 Sorting Channel

You can sort program list in order according to Frequency, Logical Channel or Channel Name.



- 1 Press SKIP(←) button on the channel list to show the selection menu for sorting.

- 2 Press ▲, ▼ button to select sorting method and ENTER.

## 8 Press RETURN or GUIDE button to exit from the channel editing menu.

### NOTE

- Modified setting of channel edit like RENAMING and MOVING PROGRAM can be shown when getting into Channel Set again after modification.
- Deleted program is not shown on the channel list in TV mode but shown on the channel list for Channel Edit.

## Basic Operation

### 1 SWITCHING CHANNEL

Before switching channel, channel scan should detect DTV channel available.

- 1 Press GUIDE button and then select AV in mode.
- 2 Press SOURCE to toggle input source to see TV.
- 3 Press ▲(CH) or ▼(CH) button directly to select a channel, or press ENTER button to see the program list and then ▲(CH) or ▼(CH) button you want to watch.

### 2 CHANGING THE SUBTITLE LANGUAGE

If the current program provides the subtitle information, you can select the language for the subtitle.

# Watching the Digital TV



- 1 Press **SUBTITLE** button to display the subtitle language list while you watch a program. The subtitle language list will show on the screen.
- 2 Select your desired subtitle language using **▲** or **▼** button. Then the subtitle will be displayed in the selected language at the bottom of the screen.
- 3 To turn off the subtitle, select "OFF" using **▲** or **▼** button.
- 4 Press **RETURN** button to exit from the subtitle selection menu.

## 3 CHANGING AN AUDIO LANGUAGE

If the current program is available in multiple audio language, you can select the language that you wish to listen in.

- 1 Press **AUDIO** button to display the audio language while you watch a program. The audio language will show on the screen.
- 2 Press **AUDIO** button to toggle another audio available.

## 4 PROGRAM GUIDE

The program guide displays the program information about each channel based on the time. You can view the program information for channels and you can also schedule your recording using the information given.

- 1 Press **EPG** button while watching a digital broadcasting. The program guide of the current channel will show on the screen.



- 2 Select the program that you want to view the program information using **▲** or **▼** button. Then the description of the selected program shows on the screen.
  - Move to another desired channel using **◀** or **▶** button.
  - Move to the previous day or the next day using **◀** or **▶** button.
- 3 If you want to schedule the recording of this program, press **TIMER REC** button. You can see a red icon for recording to show a selected program as timer recording.
  - If a program is already being broadcasted, "Date/Time Not Feasible" OSD is shown when you press **TIMER REC** button on the program.
  - If you want to cancel the scheduled recording, press **TIMER REC** button again. A red icon for recording disappears if the scheduled recording is canceled.
- 4 If you want to exit the program guide, press **RETURN** or **GUIDE** button.

### NOTE

• The program which is scheduled by the program guide will be recorded on the device, HDD or USB, set on **SETUP** menu. If you want to record the reserved program on the other device, you can change in the timer program list.



# Watching the Digital TV

## Teletext navigation

You can navigate teletext pages when they are available on the program you are watching. To start navigation of Teletext pages, press TEXT button to make Teletext activated.



**1** Press TEXT button when a teletext item is available on the info bar.



**2** Press ENTER after selection one of language available in the box



**3** Some features are performed by below buttons

- TEXT : Toggle Teletext mode on/off
- ENTER : Jump to the page you select by numeric button
- Numeric button : Direct page selection in Teletext mode, press ENTER after selection
- Up/Down button : Next/Previous Page
- Left/Right button : Next/Previous subpage
- Color buttons (Red, Green, Yellow, Blue) : Move to linked teletext page

Usually Teletext is being broadcasted in a way that each Teletext page is linked with other 4 pages which are shown as Red, Green, Yellow and Blue color icon in the picture.



# File Copy

## As a Host - Multi-way file copy

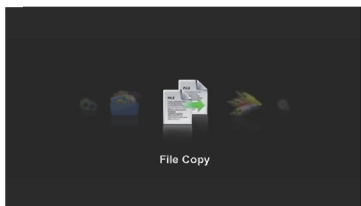
You can enjoy the multi-way file copy among installed HDD (Source & Destination), LAN (Source Only) and USB storage (Source & Destination).

### NOTE

- Source : the source you can copy from
- Destination : the target you can copy to

Please make sure first that USB and LAN connection is made correctly.

- 1 Press **GUIDE** button on Remote Control or on front key.
- 2 Press **◀▶** button and select File Copy by pressing **ENTER** or **OK** button on the front Key.



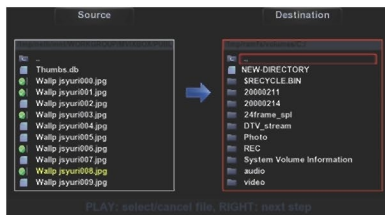
- 3 Press **▲▼** in order to select the original source form USB, HDD and NET by pressing **ENTER** button.



- 4 Cursor will go to the right Destination table.

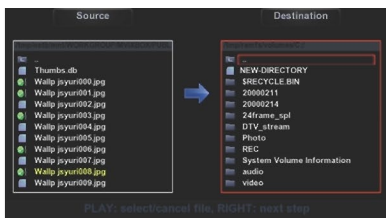


- 5 Press **▲▼** in order to select the target form USB, HDD and RECYCLE by pressing **ENTER** Button.
- 6 Cursor will go to the next step to the sub directory page.
- 7 Press **▲▼** in order to select the file or folder you want to copy and press **PLAY** button on the file or folder. You can select multi files. Press **LEFT** button if you want to cancel the selection. You can go to next step by pressing **RIGHT** button on remote control.

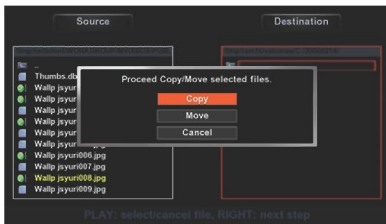


# File Copy / Recording

- 8 Press **▶** button to go to Destination directory.



- 9 Press **▲, ▼** in order to select the destination directory you want to copy to and Press **→** button to execute the copy.



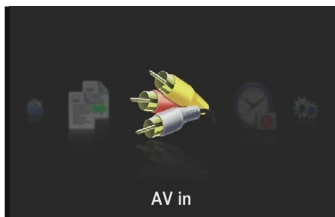
- 10 Select **OK** to execute or **No** to cancel.

## NOTE

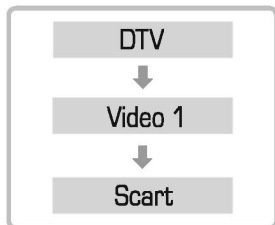
• The file system of destination should be FAT32. Copy is not available with the destination storage having any other file system.

## Basic Recording (Scart Version)

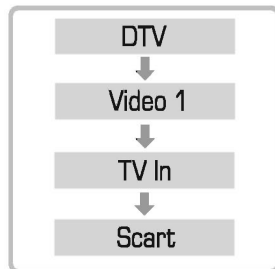
- 1 Press **GUIDE** button on Remote Control or on front key.
- 2 Select **Video In** by pressing **◀, ▶** button and press **ENTER** button on Remote Control or **OK** button on Front Key.



- 3 Press **SOURCE** button to choose the AV source you want to record. Every time this button is pressed, the AV source is changed :

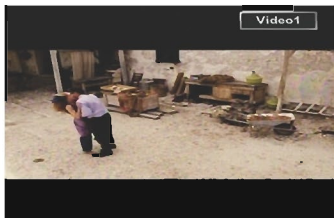


If you set the TV in activated in the Set Up Menu ('Recording from TV' section) in order to record directly from TV, AV input will toggle as below.

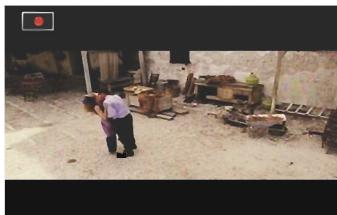


Each source is showing on the top right corner of TV Screen.

# Recording



- 4** Press REC button to start your recording.



- 5** Press PAUSE button if you want to stop the recording for a short while.

- 6** Press REC button to continue recording.

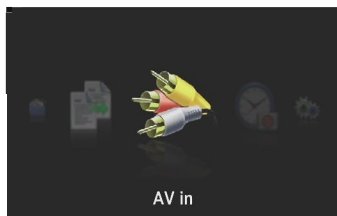
- 7** Press STOP button to stop your recording.

If terrestrial digital TV Antenna is connected to ANT in of This Unit, you can record the TV program.

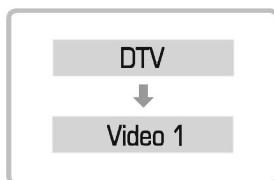
For the AV input from Set Up Box, you should use Channel up and down button or remote control of set top box in order to change the TV channels.

## Basic Recording (Standard Version)

- 1** Press GUIDE button on Remote Control or on front key.
- 2** Select Video In by pressing ◀, ▶ button and press ENTER button on Remote Control or OK button on Front Key.

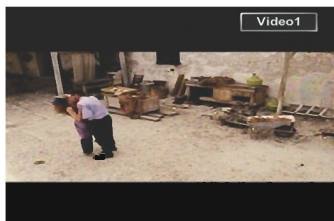


- 3** Press SOURCE button to choose the AV source you want to record. Every time this button is pressed, the AV source is changed :



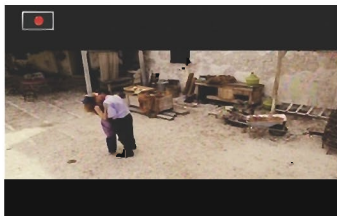
If you want to record the TV program, select the AV source as TV. And choose the station you want to record by pressing ▲(CH) or ▼(CH) button.

Each source is showing on the top right corner of TV Screen.



# Recording

- 4** Press REC button to start your recording.



- 5** Press PAUSE button if you want to stop the recording for a short while.
- 6** Press REC button to continue recording.
- 7** Press STOP button to stop your recording.

If terrestrial digital TV Antenna is connected to ANT in of This Unit, you can record the TV program.

For the AV input from Set Up Box, you should use Channel up and down button or remote control of set top box in order to change the TV channels.

## OTR ( One Touch Recording)

During basic recording, press REC button. Each time you press REC button, Recording time changes 30 min., 60 min., 90 min., 120 min., 180 min., 240 min. and Off.

## Simultaneous Recording and Playback

While recording, you can playback recorded contents or some of AV files except Video files or high definition AV files.

- 1** Press REC button to start your recording in Video In mode. (Please refer to Basic Recording part in the Manual).
- 2** Press GUIDE button on Remote Control or on front key.
- 3** Select the sources and then select files after browsing them you want to playback.
- 4** Press STOP button to stop the playback.

### NOTE

• High Definition AV file playback while AV input recording is not available.

## Recording and Timeshift of DTV Program

You may record or enjoy Timeshift during watching Digital TV program directly.

- 1** Press DTV button to watch TV program or Press SOURCE to select DTV of AV Input mode.
- 2** Select a TV program by pressing Channel up or down button.
- 3** Press RECORD button on your remote control while you are watching TV if you want to record. Press TIMESHIFT button if you want to enjoy timeshift function.

# Recording

- 4 Press STOP button on your remote control if you want to stop.
- 5 Channel change is not available during recording. In order to change channel you should stop the recording. During timeshift you can change TV channel you want to enjoy.
- 6 You can change the channel during one channel recording if your unit has 2 tuners. After changing the channel, you can watch it or record it by pressing RECORD button. While recording 2 channels, you can change the channel only between the being recorded 2 channels.

Or you may record or enjoy Timeshift from TV directly. It is only available with TV which has AV output function through Scart and Scart version of this unit.

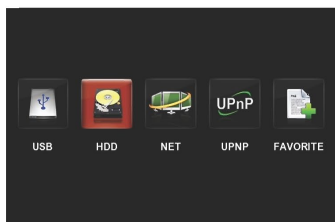
Please check if your TV is supporting it first.

- 1 Go to the Set up Menu and change the TV input On(refer to the Set Up Menu, Video setting in this manual)  
Your TV is not supporting AV out function through Scart if you face the distortion of audio or video on your TV after changing it. You can not use this function with your TV in this case.
- 2 Connect with an Scart cable from EURO AV OUT (TV) in This Unit to TV Scart Input.
- 3 While selecting the TV channel by TV remote control, go to AV In in the Guide Menu.
- 4 Press SOURCE button on remote control. You can find TV In source while pressing it (DTV -> Video1 -> TV IN -> SCART).
- 5 Go to TV In mode where you can find the TV channel you selected by TV remote control.
- 6 Press RECORD button on your remote control while you are watching TV if you want to record. Press TIMESHIFT Button if you want to enjoy Timeshift function.
- 7 Press STOP button on your remote control if you want to stop.
- 8 Channel Change

- 8-1 Press TV/HMR button on your remote control in order to go to TV mode in your TV.
- 8-2 Change the channel by TV remote Control.
- 8-3 Press TV/HMR button again in order back to Scart AV mode in your TV.
- 8-4 You can record, enjoy the Timeshift again.  
\* If you can not go to Scart AV mode by pressing TV/HMR, please change it by TV remote control to go to Scart AV mode.

## How to see the recorded contents

- 1 Recorded contents in installed HDD
  - 1-1 Press GUIDE button on Remote Control or on Front key.
  - 1-2 Select Browser by pressing ◀▶ button and press ENTER button on Remote Control or OK button on Front Key.
  - 1-3 Select HDD



- 1-4 Goto /REC/ folder in HDD.
- 1-5 Select recorded file that you want to playback.

# Recording

## 2 Recorded contents in USB storage

Please make sure first if the recording device is USB in the Set Up menu.  
(Please refer to the Record Section In this manual).

2-1 Press GUIDE button on Remote Control or on Front key.

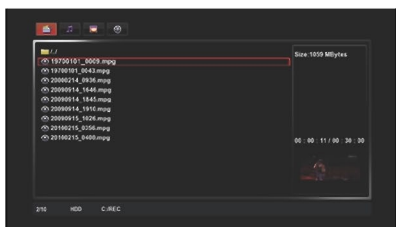
2-2 Select Browser by pressing ◀, ▶ button and press ENTER button on Remote Control or OK button on Front Key.

Please make sure your if USB storage is connected to This Unit correctly.

2-3 Select USB by pressing ▲, ▼ button and press ENTER button on Remote Control or OK button on Front Key.

2-4 Select /REC/ directory by pressing ▲, ▼ and press ENTER on Remote Control.

2-5 You can see the recorded files in the /REC/ directory.



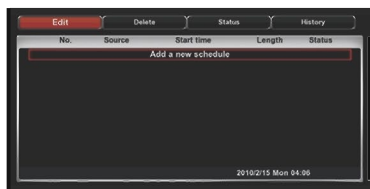
### NOTE

- ts file : in case of recording from DTV
- mpg file : in case of recording from AV Inputs.

## Timer Recording

For timer recording, the clock, date, and stations must be set correctly.  
If you want to record on HDD or USB, load it with enough free space for the recording.

1 Press **TIMER REC** button  
Press **TIMER REC** button or select  
Timer recording in Guide Menu.



2 Select **Edit** item on the top menu by pressing ◀ or ▶ button, then press **ENTER** button. The sub-menu appears.



3 Select the "signal source" by using ▲ or ▼ button, and press **ENTER** button to confirm.

4 Move to "start time" by pressing ◀ or ▶ button. Select time or minutes by pressing ▲ or ▼ button, and press **ENTER** button to confirm.



# Recording

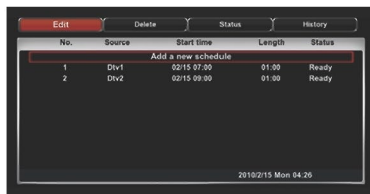
- 1 Move to "Length" by pressing ◀ or ▶ button. Select time or minutes by pressing ▲ or ▼ button, and press ENTER button to confirm.
- 6 Move to "Repeat" by pressing ◀ or ▶ button. Select how often you want to make the recording, for example, once, everyday, Monday to Friday, Monday to Saturday or each day by pressing ▲ or ▼ button, and press ENTER button to confirm.
- 7 Move to "Device" by pressing ◀ or ▶ button. Select HDD for hard disc recording or USB for USB recording by using ▲ or ▼ button, and press ENTER button to confirm.
- 8 Move to "Quality" by pressing ◀ or ▶ button. Select the Record Quality by using ▲ or ▼ button, and press ENTER button to confirm.
- 9 Press ENTER button if all settings are correct.  
After pressing ENTER button, a selection box will appear you to confirm.
- 10 Switch your media Recorder off by pressing POWER button.

## NOTE

- Timer recording setting will be memorized only when you switch off to stand-by mode. Power off by mechanical switch directly after timer recording setting will not memorize it.
- To stop a timer recording which has already started, press POWER or STOP button.
- You can set the timer recordings upto 8 programs.
- It is recommended that you set up the recording time over 5 minutes.

## Timer review - changing and erasing record settings

- 1 Press TIMER REC button.  
You can see all the timer programs currently set.



No.	Source	Start time	Length	Status
1	Div1	02:15 07:00	01:00	Ready
2	Div2	02:15 09:00	01:00	Ready

2010/2/15 Mon 04:20

- 2 **Editing a setting**  
Move to Edit by using ◀ or ▶ button. Select the program you want to change by using ▲ or ▼ button and press ENTER button. A sub-menu will show you to change the scheduled recording. Press RETURN to exit or ENTER to confirm the editing.  
**Changing the status**  
Select "Enable the timer by user's setting" to enable the scheduled recording. Select "Pause the selected schedule" to pause the scheduled recording.
- 3 Press TIMER REC or RETURN to exit

# Editing

## Editing AV File

You can edit the AV files in installed HDD in This Unit, USB external HDD and USB Memory.

- 1 Press **GUIDE** button on Remote Control or on Front key.
- 2 Select Browser by pressing **◀, ▶** button and press **ENTER** button on Remote Control or **OK** button on Front Key.



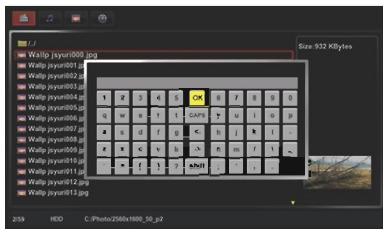
- 3 Select the device where the required files are located from USB, HDD and NET by pressing **▲, ▼** button. Press the **ENTER** button on your remote control or **OK** button on front key.
- 4 Select the directory where the required files are located in the directory list by pressing **▲, ▼** button. Press the **ENTER** button on your remote control or **OK** button on front key.
- 5 Select the file you want to edit by pressing **▲, ▼** button.

- 6 Press **EDIT** button on your Remote Control.

6-1 Return : You can go back without editing.

6-2 Rename : You can change the file name.

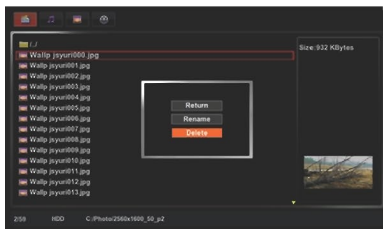
- 1 Select Rename by pressing **▲, ▼** button and press **ENTER** to execute it. Virtual keyboard will show up.



- 2 Select the letter and number by pressing **◀, ▶, ▲, ▼** and **ENTER** one by one until you finish the new name.
- 3 Select **OK** and Press **ENTER** button after finishing the renaming.
- 4 You can see the file name has been changed in the list.

6-3 Delete : You can delete the file.

- 1 Select Delete by pressing **▲, ▼** button and press **ENTER** to execute it.



- 2 Select Delete by pressing **▲, ▼** and **ENTER** one by one until you finish the new name.
- 3 OSD will show up to ask again. Select **OK** to execute it or Select **Return** to cancel it.

# Additional functions

## Internet Radio

- 1 You can go to internet radio site such as <http://dir.xiph.org/>, <http://yp.shoutcast.com> and download M3U or PLS file which contain internet radio station.
- 2 Make the folder "InternetRadio" in the root directory of HDD or USB.
- 3 Copy those M3U or PLS file in the folder
- 3 Check if they are shown in the browser in this unit
- 4 Connect LAN cable to this unit from Router which is connected to internet ((or connect Wireless USB Adapter).
- 5 Set the network in set up menu to make sure if it is connected well.
- 6 Go to Internet Radio device in Browser



- 6 Click the each file
- 7 Click the site name

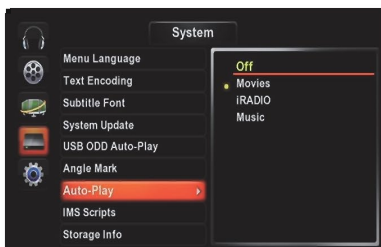
Please be noted that there are unavailable site when you select it depending on each station status.

## Auto Playback

It is the functions that you can enjoy the certain video files consecutively by only power on of this unit. This unit will play video files in the AutoPlay folder in HDD or USB after power on without touching anything. This Function is designed for those who need to

- Use this unit for the source player of Digital Signage
- Use to keep displaying certain video files without selecting files in the browser especially for the kids and students.

- 1 Make the folder name "AutoPlay" in root directory of HDD or USB.
- 2 Make the folder name InternetRadio, Movie, Music under AutoPlay folder.
- 3 Go to System in set up menu and set Auto-Play to Movie, iRADIO or Music according to the contents you want to make automatic playback.



- 3 Copy the video files into Movie folder if you want to enjoy Movie Autoplay or audio files into Music folder or internet radio file into InternetRadio folder according to your need.
- 4 The files in the folders will automatically playback whenever power is On.
- 5 You can set it Off in set up menu in order to cancel it.

# Additional functions

## Bit Torrent

You can enjoy Bit Torrent with This Unit.

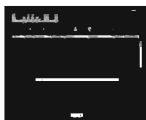
- 1 Make sure if HDD is connected well. This functions works if with Internal HDD is connected
- 2 Go to Network part of Set Up menu and set Bit Torrent to On.



- 3 Make sure if this unit is connected well to network so that you can have IP address of this unit correctly.
- 4 Go back to your computer and open the internet browser.
- 5 Type the this unit IP address. (ex. http://192.168.0.101)
- 6 You can see the following page showing up.



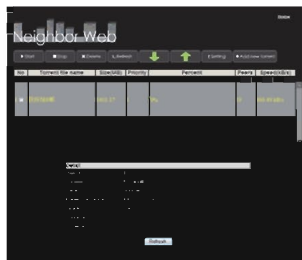
- 7 Go to BitTorrent Download



- 8 Select Add new torrent.
- 9 Select torrent seed (xxx.torrent) and confirm your selection of the file by pressing YES.



- 10 You can see the selected file is downloading.



- 11 Go to browser and select HDD and "BT" folder where you can select downloaded files.

- 12 Do not press Delete button before you move the downloaded file to another directory. All the files in Downloads folder will be deleted when you press it.

- 13 You can set the maximum download task number in setting to maximum 10 (Default: 4) It is recommend to set it as default in order to get the smooth downloading process.

# Additional functions

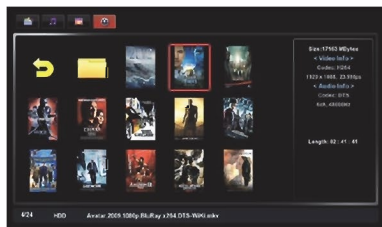
## Icon Mode

- 1 Go to Movie Menu in MISC in Setup and set it to Thumbnail.



- 2 Put the same name of photo file (JPG) as movie file name in a folder.

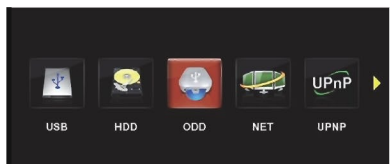
- 3 Go to the Movie tab in the browser



- 4 You can select the movie you want.
- 5 Press GOTO button to select List mode or Icon mode in Movie tab.
- 6 You can enjoy icon mode for music and photo files. Go to music or photo tap and press GOTO button so that you can toggle Icon and List mode.

## External ODD Drive Support

You can enjoy the USD external ODD (Optical Disc Drive) by connecting it to USB port in this unit. Original disc such as BD, DVD, CD Audio could not be working depending on CSS (Content Scramble System) signal. Please use GOTO (▲) button to open and close tray of ODD in the below device menu.



▲ Mark is not printed on GOTO button in pre shipped remote control before this function update. However, GOTO button is working as Open/Close also in the above device status after upgrading F/W for this function.



You can enjoy the AV files in ODD and copy them from ODD to devices connected in this unit.

# Additional functions

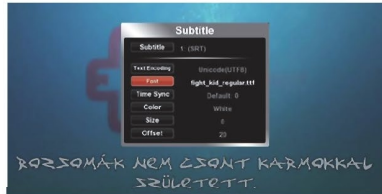
## External fonts support for subtitle

You can enjoy external fonts for subtitle.

- 1 Make Fonts folder in root directory of storage (ex. HDD, USB) connected to this unit.
- 2 Copy the font files (xxxx.ttf) to Fonts folder
- 3 Go to Subtitle Font in SYSTEM of Setup Menu.
- 4 Select the fonts you want to set for subtitle fonts.



- 5 You can also adjust it during playback by select Subtitle button on remote control.



## Dynamic Zoom Function

You can zoom the video screen in one direction only (Left-Right side or Upper-lower side) as well as in fixed ratio. You can use it if you do not want to see black bar on your TV due to the aspect ratio difference in video contents without setting it in the set up menu of This unit or TV.

### 1 Prefix Zoom

- 1 Press Zoom button during Video playback
- 2 Press ◀▶▲▼ buttons to zoom in and out as fixed ratio. (X1/X2/X4/X8)

### 2 Manual Zoom

- 1 Press Zoom button one more time. You can see that Zoom Icon is changed to "Manual". Zoom button is toggled to "Prefix" and "Manual" when it is pressed.



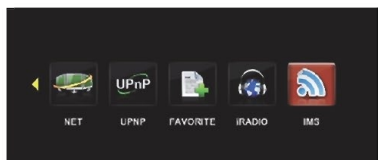
- 2 Press ◀▶ buttons for Zoom in and out to Left-Right side only.
- 3 Press ▼▲ buttons for Zoom in and out to Upper-Lower Side only
- 4 Press Enter button and you can see the X is change to P in the center of pop up OSD. You can move to left, right or upper, lower option in zoomed screen by pressing ◀▶▼▲ button.

# Additional functions

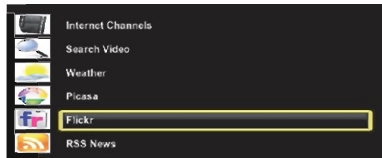
## IMS (Internet Media Service)

You can enjoy some of following Internet Media Service in this unit.

- 1 Go to IMS in the device Menu ( You can also go to directly from home menu by pressing GOTO button in remote control)



- 2 You can select the following Internet Media Services.



## IMS (Internet Media Service)

You can select IMS source to the storage device (HDD, USB, Card) to enjoy the updated services.

- 1 Set the IMS source to storage device where you put the IMS script.



- 2 Copy the 2 folders (IMS\_scripts and IMS\_image) into the root directory of the device you select from Setup Menu. You can get them from community forum or the websites of this unit or you can update it by yourself and share it with the users.

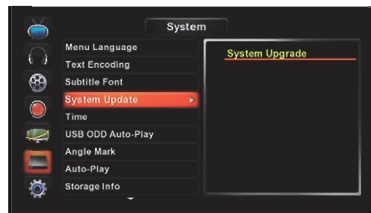


# Additional functions

## System Upgrade in Set Up Menu

You can make the F/W upgrade in Setup Menu.

- 1 Insert F/W upgrade file (XXXX.IMG) into root drive of USB memory
- 2 Connect USB memory into USB input of the unit.
- 3 Go to System in Set Up Menu



- 4 Select System Update and System Upgrade

If the screen is not shown due to failure of upgrading after this upgrading, please upgrade it again with the standard upgrading method according to manual (Mechanical Power On while pressing Home Guide button connecting USB memory). It will be upgraded also. This function is only for making your easier way to upgrade.

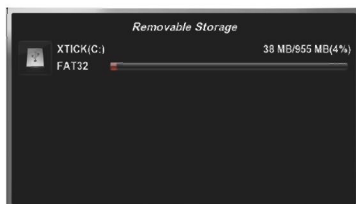
## Storage Information

You can find the storage information connected to this unit.

- 1 Go to Storage info in System of Set Up.



- 2 Go to HDD or Removable Storage to find the storage information.





## Timeshift

When you are watching TV program or when Set Top box (Terrestrial, Satellite or Cable) is connected to AV input of This Unit, you can enjoy Timeshift function.

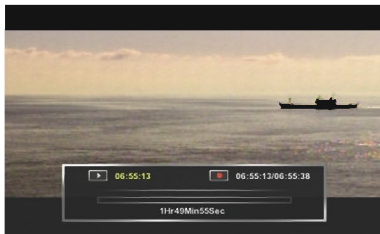
**1** Press **GUIDE** button on Remote Control or on front key.

**2** Select Video In by pressing **◀, ▶** button and press **ENTER** button on Remote Control or **OK** button on Front Key.

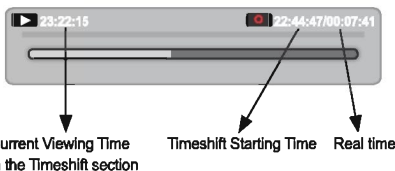


**3** Press **SOURCE** button to choose TV or the **AV** source.

**4** Press **TIMESHIFT** button on your Remote Control at the point you want to start it. Live TV will be paused. Press **PLAY** button in order to let the program go forward.



**5** During the Timeshift, you can find the following Timeshift Bar.



**6** You can enjoy various functions in Timeshift section by pressing buttons on your remote control.

**6-1** ◀◀ : Fast Backward 1x, 1.5x, 2x, 4x, 8x, 16x, 32x Speed

**6-2** ▶▶ : Fast Forward 1x, 1.5x, 2x, 4x, 8x, 16x, 32x Speed

**6-3** ⏮ : Jump to starting point. previous key

**6-4** ⏭ : Jump to Live point. Next key

**6-5** ⏸ : Pause : Pausing the playback

**6-6** Display : Showing and hiding Timeshift Bar

# Timeshift

## NOTE

• If you are at the end of Timeshift section by pressing ►► button, Timeshift bar will look like pause and some of above key is not working except ◀◀, Skip(←), Pause.

**7** Press **STOP** button in order to stop the Timeshift.

**8** Permanent Timeshift

You can set the Permanent Timeshift On in the Set Up Menu (Please refer to explanation in this manual;set up menu record section). In this case, Timeshift will start automatically when you enter the Video In Mode.

## NOTE

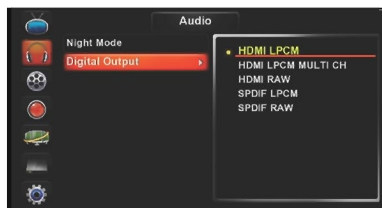
• Timeshift is not Recording so that the buffering data will not remain after finishing it. Please use recording function if you want to watch it after stop.

# Using Set Up Menu

Press GUIDE button and select Set Up Menu by pressing ENTER button.

## Audio

### 1 Digital output



You can select digital audio output format for HDMI TV or digital audio receiver connected to this unit. RAW data is an original audio stream and LPCM is a decoded audio stream.

- **HDMI LPCM** : Select it when you want to hear the sound from your HDMI TV while connecting this unit and TV with HDMI cable. (It is default setting of this unit)
- **HDMI RAW** : Select it only when HDMI connected TV or Digital audio receiver are able to decode RAW audio stream. You may not hear the sound if the connected TV or Digital Receiver is not able to decode Raw audio stream.
- **SPDIF LPCM** : Select it only if you want to hear the sound by Digital Audio Receiver connected with digital audio outputs of this unit. You may not hear the sound from connected HDMI TV.
- **SPDIF RAW** : Select it only if you want to hear the sound by Digital Audio Receiver which is able to decode Digital audio stream such as Dolby AC3, DTS surround connecting it with digital audio outputs of this unit. You may not hear the sound from the connected HDMI TV.

## Video

### 1 Aspect Ratio



If you have a widescreen TV, select the "16:9 Wide" setting.

If you have a conventional TV, choose either "4:3 Letter Box" or "4:3 Pan Scan".

In Letter Box mode, the widescreen files are shown with black bars at the top and bottom of the screen. Pan Scan chops the sides off widescreen material to make it fit to the 4:3 screen (so even though the picture looks larger on the screen, you are actually seeing less of the movie screen).

### 2 Video Output

You can change Video Output.



#### 2-1 Component

Please change it if you connect This Unit to TV with Component Cable(Y, Cb, Cr).

#### 2-2 Scart

Please change it if you connect This Unit to TV with Scart Cable (RGB).

\* Composite Video is always available in both setting.

# Using Set Up Menu

## NOTE

• Please be careful that you may not see the Video signal if you set wrongly. It is recommended not to change it. If you can not see the video signal after changing it, please press TV SYSTEM button on remote control until you get the right video signal.

## 3 TV System

You can select TV system for your TV. If you select the wrong TV system that your TV does not support you can not see the picture.

## NOTE

• If you can not see the picture after changing the TV system, press TV SYSTEM on Remote Control to toggle the TV system again.

## 4 Decoder-Scart version only

You can select On and Off. Please set it on only you connect decoding box to Euro AV In/Out.

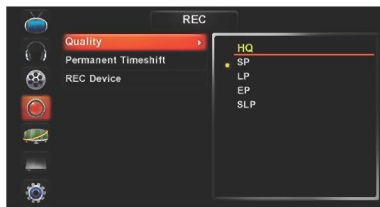


## Record



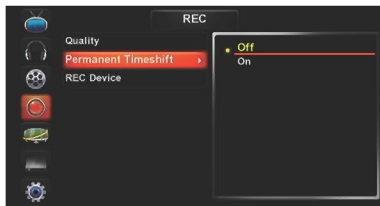
## 1 Quality

You can change the default recording quality in HQ, SP, LP, EP and SLP. Please refer to the recording section explanation.



## 2 Permanent Timeshift

You can select Permanent Timeshift off and on. Please refer to Timeshift Section in this manual.



## 3 Recording Device

You can select recording device from HDD and USB. Please refer to Recording Section in this manual.



# Using Set Up Menu

## Network

You can set up the network.



### 1 Wired LAN Setup

You can select from DHCP IP (Auto) or Fix IP (Manual) according to your IP status in the LAN connection.

#### 1 Fix IP (Manual)

You can type the IP address, Subnet Mask, Default Gateway manually according to your LAN condition.

#### 2 DHCP IP (Auto)

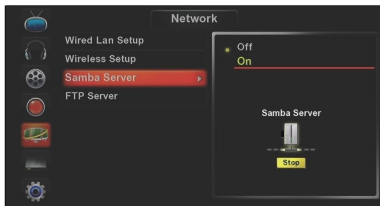
Please select if you are getting IP address automatically using DHCP.

### 2 Wireless LAN Setup

You can set Wireless connection. Please make sure that USB wireless adapter is plugged in this unit. Wireless USB adapter is an optional product.

### 3 Samba Server

This unit can be used as Samba Server. You can select On and Off. If Samba Server function is On, all other functions is not working.



### 4 FTP Server

This unit can be used as FTP Server. You can select On and Off. If FTP Server function is On, all other functions is not working. (ID : hmb / Password : hmbuser)

#### NOTE

• If you can not get LAN connection in DHCP IP setting, you may get it with changing it to Fix IP.

- 1 In your computer, Go to Control panel → Network connection and double click Local Area Connection. Go to Support Tab and you can find IP address, Subnet Mask, Gateway your computer is connected to.
- 2 Select to Fix IP (Manual) in This Unit Set Up Menu.
- 3 Type the IP address same numbers as your computer connected address until 3rd cell and type the different number in the 4th cell in randomly.
- 4 Type in the Subnet Mask and Gateway same numbers as your computer is connected to.
- 5 Press ENTER button and save the current setting when OSD will show up.

#### NOTE

- It is recommended to set the network after connecting LAN cable correctly.
- Please check if any computer virus program or firewall is blocking the network access from this unit.
- You may face the instant stop and freezing of AV contents while they are being playback through LAN due to network speed, LAN cable, hub capacity or AV files including HD size files. In this case, please watch them after copying them into installed HDD.

# Using Set Up Menu

## SYSTEM

### 1 Menu Language

You can select OSD language of this unit in this menu.



### 2 Text Encoding

You can select subtitle language of your movie files. Please select the correct language group of the subtitle.



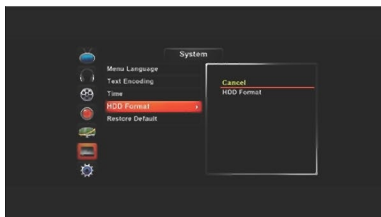
### 3 Time

You can set the system time.



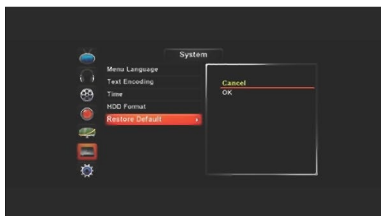
### 4 HDD format

You can format HDD. Please refer to the HDD format part in this manual.

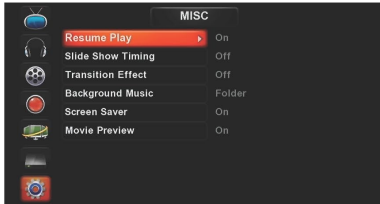


### 5 Restore Default

You can go back to the default setting in this unit. Initial setup will start again.



## MISC



- 1 Resume Play**  
You can watch the movie from the point you stopped by setting it as **On**.
- 2 Slide Show Timing**  
You can change the slide show timing for automatic slide show.  
If select off, automatic slide show is not available.
- 3 Transition Effect**  
If you want to see a picture transition effect during slide show you can select one of transition effect listed. If you select off no effect is available.
- 4 Background Music**  
You can select background music for picture slide show. If you select off background music is not available. If the music is in favorite folder, select Favorite. In other case, select the folder of your choose.
- 5 Screen Saver**  
You can select Screen Saver On or Off.
- 6 Movie Preview**  
You can select Preview On or Off.

## Additional Information

### F/W upgrading

- 1 Unzip the F/W upgrade Zip file.
- 2 Copy the F/W upgrade file into USB Memory.
- 3 Connect USB Memory into an USB input of This Unit after turning the Power Off of This Unit.
- 4 While pressing GUIDE button on Front panel, Turn the Power On of This Unit by Mechanical S/W. You can stop pressing GUIDE button after the upgrading OSD appears.
- 5 This Unit will be automatically updated while showing Pop up windows during upgrading.
- 6 This Unit will be reset automatically after upgrading F/W.

#### NOTE

*• Depending on TV, Upgrading OSD may not been shown on when it is connected by HDMI cable. In this case, please connect Scart or RCA cable when you upgrade F/W.*

### How to find F/W version

Press Stop and Pause button consecutively on remote control in GUIDE(▲) mode.



# Additional Information

## Product Specification

General	Model	SHR 9600T
	HDD Capacity	SATA up to 1TB (exchangeable Type) <sup>1</sup>
	HDD Bay	Single
	File Format	NTFS
	Power Adapter	Input : AC 100V-240V, 50/60Hz Output : DC 12V, 3.0A
	Power Consumption	0W by Mechanical S/W, 3 W (Standby) , 36 W (Maximum)
	Compatible OS	Window 98, ME, 2000, XP, Windows Vista
	Dimension	203(W) x 53(H) x 164(D)mm
	Weight	900 g (without HDD)
Recording from Built In DVBT HD Tuner	Video Format	MPEG II TS / MPEG4 HD TS
Encoding (Recording) from AV Inputs	Recording Mode	HQ, SP, LP, EP, SLP
	Video Format	MPEG II (PAL / NTSC)
	Audio Format	MPEG II
Decoding (Playback)	Video	H.264, WMV9, MKV, MPEG2 HD (n.sp), HD AVI, RMV, MPEG1/2 (mpeg.vob, .ifo, .ifo) AVI
	Audio	Dolby Digital, MP3, AC3, WMA, OGG, WAV
	Picture	JPEG, BMP (32 bit), GIF, TIF
MPEG4 Subtitle	Text Subtitle	ami, ssa, srl, ldx-sub, sub
TV Tuner	DVBT SD/HD	MPEG 2 / MPEG 4
Function	HD Playback	Up to 1920x1080p
	AV Input Recording & Time Shift	From Digital Set Top, VCR, Canal Decoder, TV <sup>2</sup>
	Network	Samba Server/Client, FTP Server, UPNP Client
	External HDD	Through USB 2.0
	File Copy by Remote Control	From USB, Network PC To this Unit From This unit To USB, Network PC
In/Out Terminal	USB(Target)	2 x USB 2.0 supported
	USB(Source)	USB 2.0 support. For PC
	LAN	10/100Mbps ( Wireless(802.11b/g & 802.11n) Option)
	VIDEO out	Composite Video (RCA)
	VIDEO in	Composite Video (RCA)
	AUDIO out	2 Channel (RCA)
	AUDIO in	Left/Right (RCA)
	Component Out	Y/Pb/Pr (Y/Cb/Cr)
	HDMI out	Type A / 1080P (HDMI 1.3)
	Digital Audio out	Optical x1, Coaxial x1
	Mechanical S/W	0
	DC In	DC 12V
Euro Scart (Option)	Dual Scart (Scart Version Only)	
Accessories	Audio/Video Cable	x 1 (1.2m)
	USB Cable	x 1 (A to B / 1.2m)
	Remote Controller	50 Keys
	"AAA" size Batteries	x 2
	AC Adapter	Input : AC 100V-240V, 50/60Hz Output : DC 12V, 3.0A
	Power Cable	1.2 M
	Operating Manual	x 1

### NOTE

\* Specifications are subject to change without prior notice.


<sup>1</sup> Higher capacity will be supported depending on our final approval and availability in the market.

<sup>2</sup> Recording From TV is subject to TV which has the AV out (Scart).

# Additional Information

## Trouble Shooting

Incorrect operation is often mistaken for trouble or malfunction. If you think that there is something wrong with This Unit or component, check the points below. Sometimes the trouble may lie in another component. Inspect the other components and electrical appliances being used. If the trouble cannot be rectified after checking the items below, ask your nearest authorized service center or your dealer to carry out repair work.

Problem	Solution
Condensation inside the player.	<ul style="list-style-type: none"> <li>Allow time for condensation to evaporate. Avoid using the player near an air-conditioning unit.</li> <li>Playback is not possible.</li> </ul>
DTV program has Mosaic in video or video distortion.	<ul style="list-style-type: none"> <li>It is because of the DTV signal is not stable or weak in your area. Please check if your area has the proper DTV reception. It is also happening when you are using internal antenna rather than roof antenna. Please connect roof antenna to the unit. It will disappear when the proper signal is back.</li> </ul>
There is no AV files loaded in Favorite folder after properly selecting and loading it.	<ul style="list-style-type: none"> <li>Please select and load it in each tap of Movie, Music or Photo rather than All tap in browser. Please go also to each tap of Movie, Music or Photo rather than All tap in Favorite folder. If you select and load it in Movie tap, it will show up in Movie tap in Favorites folder and in Music tap is in Music tap, in Photo tap is in Photo tap in Favorites.</li> </ul>
Subtitle is broken during Playback of MPEG4 movie.	<ul style="list-style-type: none"> <li>Please change the language group of text encoding to correct one in Set up menu.</li> </ul>
Recording is not possible.	<ul style="list-style-type: none"> <li>Please check if the program you want to record is copy protected. Copy protected contents can not be recorded.</li> <li>Please check if your recording device (Installed HDD or connected USB storage) are correctly connected or if it is correctly selected.</li> </ul>
File copy is not possible.	<ul style="list-style-type: none"> <li>Please check if your copy target device is correctly connected.</li> <li>Please check if your copy target device has enough space for the copy.</li> <li>Please check if your network setting is correctly made.</li> </ul>
Network Folder is not shown.	<ul style="list-style-type: none"> <li>Please check if your network device is working properly.</li> <li>Please check if any computer virus program or firewall is blocking the network access from this unit.</li> </ul>
Can not detect HDD after installation.	<ul style="list-style-type: none"> <li>Please check the cables (Power or Data cable) if they are correctly connected.</li> <li>Please check if the mechanical S/W of This Unit is On. When you are connecting your Set Top box or VCR through Scart input of This Unit while This Unit is connected to TV with Scart Cable, you can watch them without turning This Unit on which is called Scart Bypass Function. This Unit supports the Scart Bypass function in standby mode. In this case Mechanical S/W should be On.</li> </ul>
Scart By-pass does not work.	
There is always  when pressing enter or play button after selecting an AV file. It works after pressing several times.	<ul style="list-style-type: none"> <li>It is because you press the button before the system recognizes it. Please wait until you see the selected file information is shown on the right side of Preview screen.</li> </ul>
Consecutive playback of audio file is not possible.	<ul style="list-style-type: none"> <li>It is because you are in All tap. Please go to Music tap in the browser.</li> </ul>
No sound form HDMI TV or Digital Audio receiver	<ul style="list-style-type: none"> <li>Please set correctly Digital output in Audio tap in Setup Menu.</li> </ul>

## Additional Information

Problem	Solution
<p>No Video Signal or Strong distortion in Audio and Video</p>	<p><b>TV System Issue</b></p> <ul style="list-style-type: none"> <li>• Please check if TV system is correctly set according to your TV.</li> <li>• Please Press TV SYSTEM button on your remote control slowly until you get the right signal.</li> <li>• Each time you press it, it is toggling 480i (NTSC) , 480P (NTSC Progressive Scan) , 576i (PAL) , 576P (PAL Progressive Scan) , 720P , 1080i , 1080P and back to 480i (NTSC).</li> <li>• Sometimes Mosaic phenomenon may happen according to TV broadcasting signal reception sensitivity, and it is not caused by any defect of This Unit.</li> </ul> <p><b>Cable Connection or AV In mode of TV.</b></p> <ul style="list-style-type: none"> <li>• Please check again if the cable is correctly connected to TV. (Please refer to the Connection section)</li> <li>• Please check if AV Input mode is correct in your TV. Press AV Input button on TV remote control to get the right input mode where the cable from This Unit is connected.</li> </ul> <p><b>HDMI Issue</b></p> <ul style="list-style-type: none"> <li>• Some of TV do not support the NTSC (480i) PAL (576i) through HDMI input. In this case, you can not see the Video signal correctly because the default Video out setting of This Unit is PAL (576i) or NTSC (480i).</li> <li>• You can adjust Video out of This Unit by pressing TV SYSTEM button on your remote control to get the 480P, 576P, 720P, 1080i, 1080P or which you can see the video signal correctly through HDMI. (Please refer to the above TV system issue)</li> <li>• Please check if the video signal is OK with another inputs in TV such as Composite, Scart, Component Input which support PAL or NTSC by connecting the RCA or Scart Cable.</li> </ul> <p><b>Set Up Menu Issue</b></p> <ul style="list-style-type: none"> <li>• Please check if TV input in Video set up menu is On while your TV does not support AV out through Scart correctly. Please change it to Off.</li> <li>• Please check if Decoder is On while you are connecting AV device except decoding box into EURO AV IN/OUT. Please change it to Off.</li> </ul>
<p>No Playback or Freezing during playback</p>	<p><b>Encoding Issue</b></p> <ul style="list-style-type: none"> <li>• Some of AV files can not be played back due to the encoding methods. Please make transcoding it in your computer with an proper transcoding utility.</li> <li>• If you playback the file through LAN, it could not be played back correctly depending on LAN connection. Please copy the file from LAN connected PC drive to installed HDD and try again. (Please refer to the File copy part in the manual)</li> </ul>
<p>Standby On and Off by remote control is not promptly working.</p>	<ul style="list-style-type: none"> <li>• It is normal and not a malfunction if it could take several seconds to check the devices (HDD, USB) which can be connected and have them turn on and off after you press POWER button on remote control.</li> </ul>

### NOTE

- Static electricity or other external influences may cause malfunctioning of this unit. In this case, unplug the power cord and then plug back in. This will usually reset the unit for proper operation. If this does not correct the problem, please consult your nearest service center.

# Additional Information

## Handling instructions for the disposal of used packaging material

Dispose of the packaging material in the designated place for waste disposal.

## Electronic and electric appliance disposal instructions



Information for users for the disposal of electric and electronic devices

This symbol on products or original documents means that used electric or electronic products must not be added to standard communal waste. For proper disposal, renewal and recycling hand over these products to determined collection points. Or as an alternative in some European Union states or other European countries you may

return your products to the local retailer when buying an equivalent new product.

Through the correct disposal of this product you will help retain valuable natural resources and prevent potential negative effects on the environment, which could result from its incorrect disposal of waste. Ask about other details at the local council or at the nearest collection point. In accordance with national regulations penalties may be imposed for the incorrect disposal of this type of waste.

### For business entities in European Union states

If you want to dispose of electric or electronic devices, ask your retailer or supplier for the necessary information.

### Disposal in other countries outside the European Union.

This symbol is valid in the European Union. If you wish to dispose of this product, request the necessary information about the correct disposal method from the local council or from your retailer.



This product meets all the basic EU regulation requirements that relate to it

Changes in the text, design and technical specifications may change without prior notice and we reserve the right to make these changes.