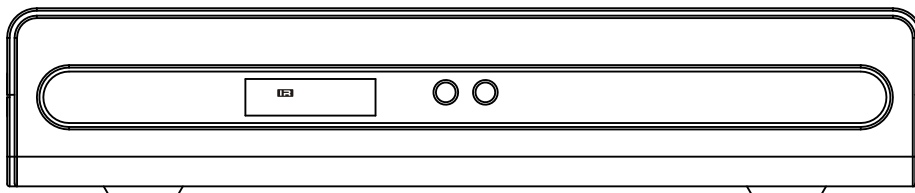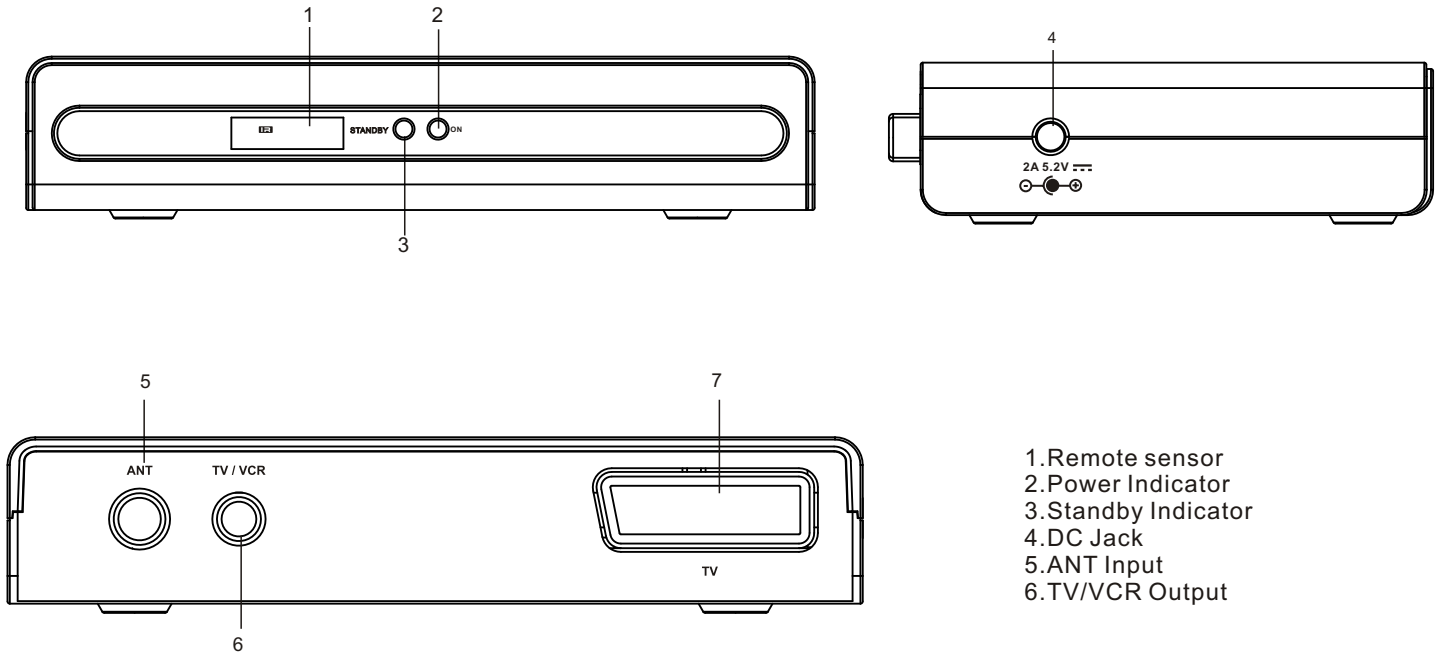# INSTRUCTION MANUAL

SET TOP BOX

Model No:585 119
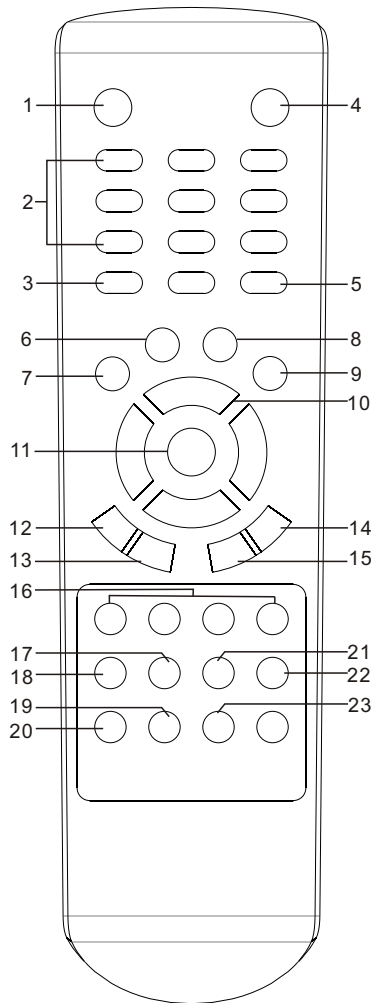
Front panel and rear panel illustration

STANDBY   ON

2A 5.2V

ANT   TV / VCR

TV

1. Remote sensor
2. Power Indicator
3. Standby Indicator
4. DC Jack
5. ANT Input
6. TV/VCR Output

Remote control

1. Power	13. VOL +
2. Number keys	14. CH -
3. Menu	15. CH+
4. Mute	16. Color keys
5. Exit	17. Audio
6. EPG	18. INFO
7. List	19. Subtitle
8. FAV	20. Text
9. Back	21. Page up
10. Navigation keys	22. Page down
11. OK	23. TV/radio
12. VOL -	

Connecting your set top box
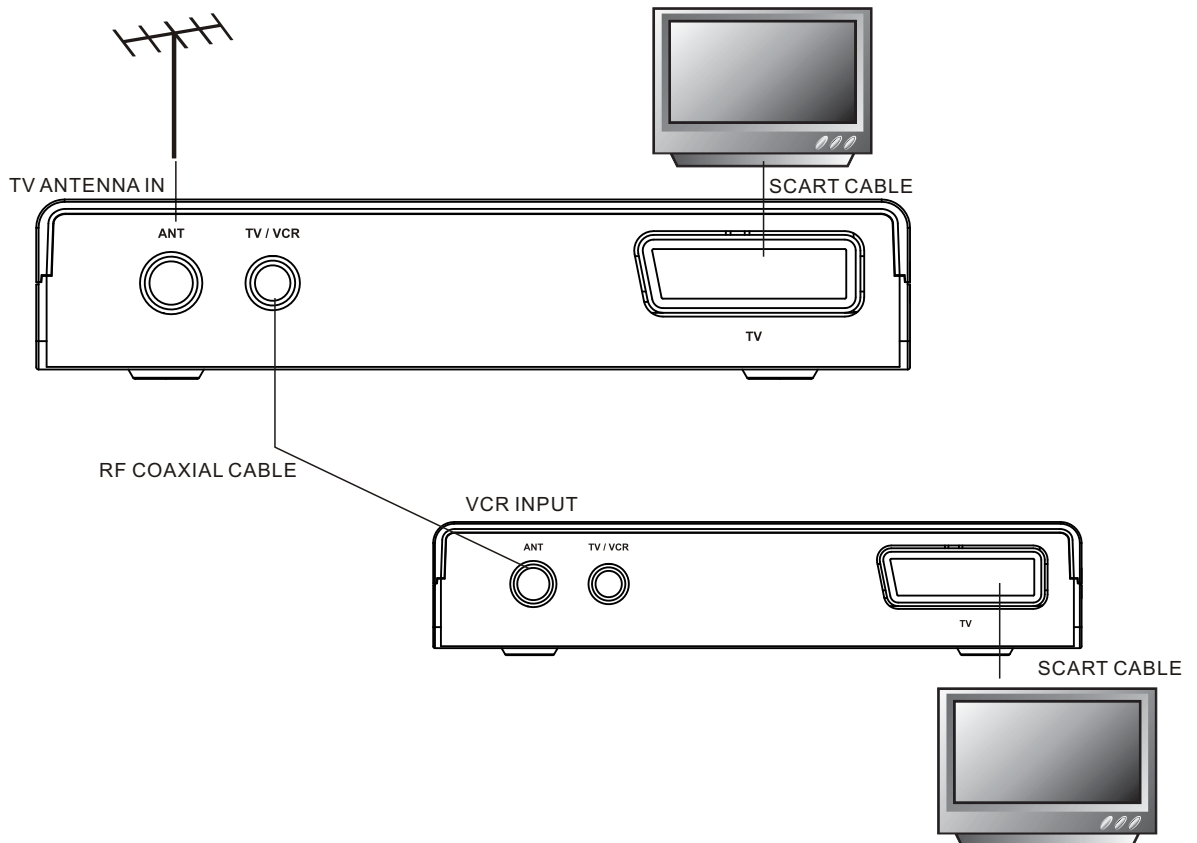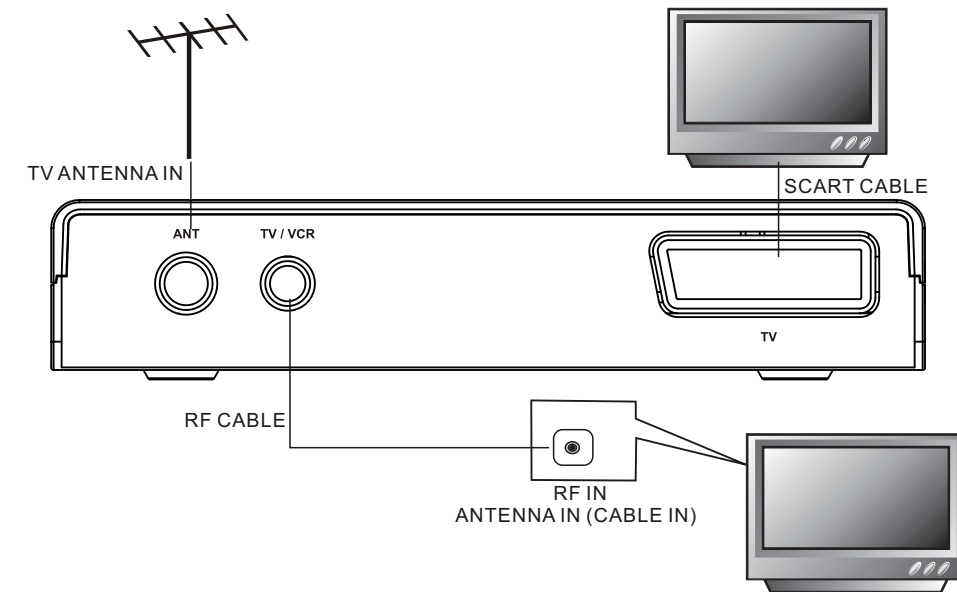
1. Connect the antenna to the ANT IN jack on the back of the Set Top box.
2. Using the RF cable, connect the TV/VCR OUT jack on the back of the set top box to the ANTENNA IN jack on the back of your TV, or you may also connect the TV/VCR OUT jack to the ANT IN jack of another equipment via RF Coaxial cable.
3. Connect the small end of the power supply to the DC in jack on the side of the set top box; and plug the other end into a power outlet or surge protector.
4. Turn on the set top box and TV.

2

Insert batteries
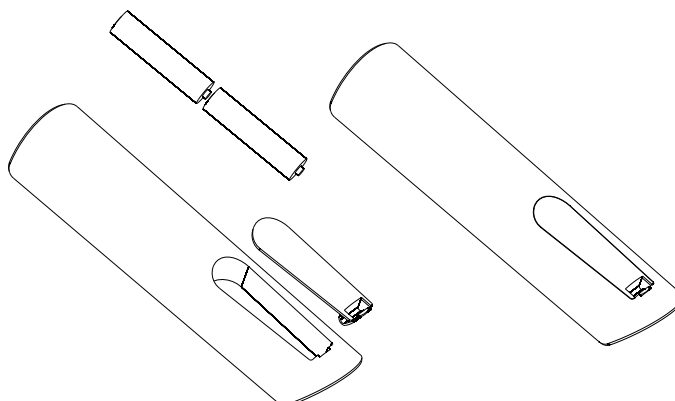
**Make sure to match the "+" and "-" of the batteries with the marks inside the battery compartment**

Notes:
Improper use of batteries may cause battery leakage and corrosion. To operate the remote control correctly, follow the instructions below:
-Do not insert the batteries in the wrong direction.
-Do not charge, heat, open, or short-circuit the batteries.
-Do not throw batteries into a fire.
-Do not leave dead batteries in the remote control.
-Do not use different types of batteries together, or mix old and new batteries.
-If you do not use the remote control for a long period of time, remove the batteries to avoid possible damage from battery corrosion.
-If the remote control does not function correctly or the operating range becomes reduced, replace all batteries with new ones.
-If battery leakage occurs, clean the battery compartment, then insert new ones.

Using remote control
Point the remote control at the remote sensor. (The picture below are for reference only.)
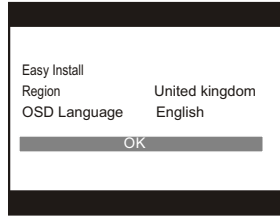
STANDBY ○ ○ON

45° 45°
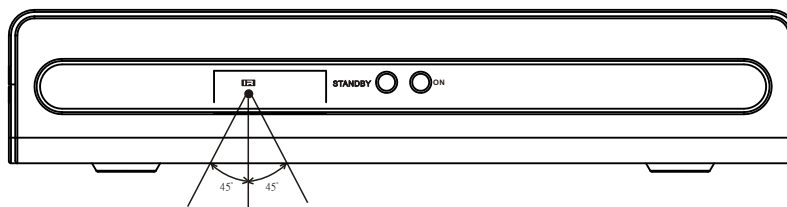
Notes:
- point the remote control directly at the player's remote sensor.
- The maximum distance from the sensor to the remote control is approximately 6m .
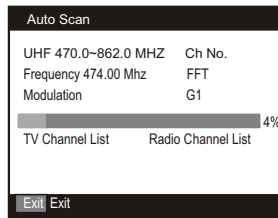
1.Easy install
1.when first time power on, it will show welcome page like below:

```
Easy Install
Region              United kingdom
OSD Language        English
              OK
```

2.Press [up/down] key to move highlight.
3.Press [Left/right] key to select region and OSD language.
4.Move highlight to [OK] button and press [OK] key to begin to auto scan.

```
Auto Scan

UHF 470.0~862.0 MHZ    Ch No.
Frequency 474.00 Mhz   FFT
Modulation             G1
                                    4%
TV Channel List    Radio Channel List

Exit Exit
```

5.press [Exit] key to exit menu.

2.Main Menu
1.when you press [Menu] key, you can enter main menu.
There will display the picture like below:

```
Main Menu




   Select   OK Enter   Exit Exit
```

3.Channel

```
Channel

TV Channel List
Radio Channel List
Delete All Favorites
Delete All
Group Rename



   Select   OK Enter   Exit Exit
```
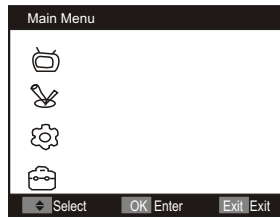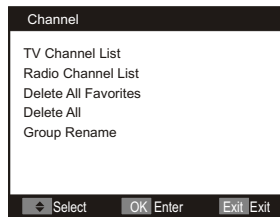
1.Press [up/down]key to select items between TV channel list and radio channel list.
2.press [OK] to enter the select item.

3.1 TV Channel List
when you enter to"channel list" menu, there will display the screen like below:

```
TV Channel List

All Channel
0001 CCTV-1
0002 CCTV-2        Program
0003  BTV-1
0004 CETV-3


1. Edit   2. Find   3. Sort   4.  Move
   Group       PG-+ Page      Exit Exit
```

1.You can move highlight by press [Up/Down] key to preview the current highlighted program in the right side preview program.
2.You can press [page up/page down] key to implement the page Up/down function.
3.You can press [OK] keys to enter full screen playing mode.
4.You can press [Menu] or [Exit] keys to go back to menu.
5.Press the number key [1] ~[4] can implement the corresponding function in "channel list".

4

Edit

1.when you press number [1]Edit, you can edit channel list. It will display like below.

```
TV Channel List

All Channel
0001 CCTV-1        Program
0002 CCTV-2
0003  BTV-1
0004 CETV-3


OK Select  0  All  1.  Favor 2.  Lock  3. Skip
    ◄► Group   PG-+ Page    Exit Exit
```

2.if "menu lock" is on, you must input password to enter in "Edit" menu.
3.Press[OK] and number key [1] ~ [4] to implement the corresponding function.
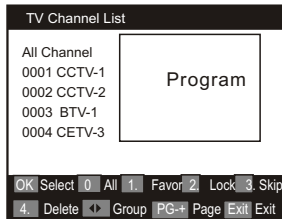4.Press [Left] or [Right] key to change group.
5.Press [page up] or [page down] to page.
6.Press [Menu] or [Exit] to exit.

Select

```
TV Channel List

All Channel
0001 CCTV-1        Program
0002 CCTV-2
0003  BTV-1
0004 CETV-3


OK Select  0  All  1.  Favor 2.  Lock  3. Skip
4.  Delete ◄► Group PG-+ Page Exit Exit
```

1.press [OK] key to select the highlighted channel. Press [OK] again to cancel the selection.

Select all

```
TV Channel List

All Channel
0001 CCTV-1        Program
0002 CCTV-2
0003  BTV-1
0004 CETV-3


OK Select  0  All  1.  Favor 2.  Lock  3. Skip
4.  Delete ◄► Group PG-+ Page Exit Exit
```

1.press number [0] key to select all channels. Press number [0] again to cancel all selection.

Favorite

```
TV Channel List

All Channel
0001   Group
       Group 1
0002   Group 2        Program
       Group 3
0003   Group 4
       Group 5
0004   Group 6
       Group 7
       Group 8
OK Select  0  All  1.  Favor 2.  Lock  3. Skip
4.  Delete ◄► Group PG-+ Page Exit Exit
```
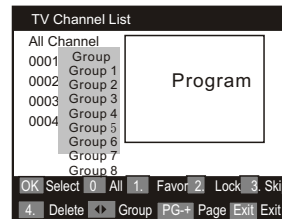
1.press number [1] key to set the favorite channel. It will display ＂Group" box for you to select group(group 1~8). Press [up] or
 [down] key to move the highlight, and press [OK] to select the favorite group. It will ask you assign channel to Group N. Are you
sure? Select "Yes" to confirm and select "No" to cancel operation.
2.if you want to cancel the favorite channel. Press [Left] or [Right] key to switch to favorite group and press number key [4] to delete
   the channel in favorite group.

Lock

```
             TV Channel List
  All Channel                        
  0001 CCTV-1        Program
  0002     
  0003     Switch lock channel, Are you sure?
  0004             Yes                NO
  CETV-3
  OK  Select  0  All  1.  Favor  2.  Lock  3. Skip
  4.   Delete  ◀▶  Group  PG-+  Page  Exit  Exit
```
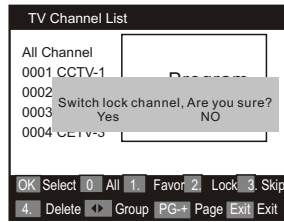
1.pressing number [2] key, it will ask you " switch lock channel. Are you sure?" Select " Yes" to confirm and select " No" to cancel the operation.

2.when highlight on the lock channel, press number [2] key again can cancel the lock mark.

3.if "Channel Lock" is "ON", you can not see the locked channel. If you want to watch the locked channel, you have to disable channel lock in main menu/ parental lock/ channel lock to unlock all locked program.
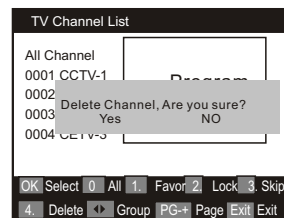
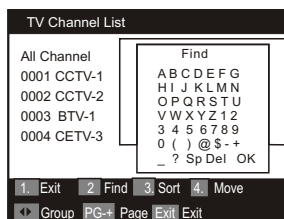### *Skip*

```
             TV Channel List
  All Channel                        
  0001 CCTV-1        Program
  0002     
  0003     Switch skip channel, Are you sure?
  0004             Yes                NO
  CETV-3
  OK  Select  0  All  1.  Favor  2.  Lock  3. Skip
  4.   Delete  ◀▶  Group  PG-+  Page  Exit  Exit
```
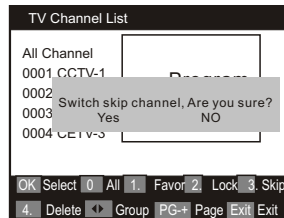
1.pressing number [3] key, it will ask you " switch skip channel. Are you sure?" Select " Yes" to make a skip mark and select " No" to cancel the operation.

2.when highlight on the skip channel, press number [3] key again can cancel the skip mark.

Delete

```
             TV Channel List
  All Channel                        
  0001 CCTV-1        Program
  0002     
  0003     Delete Channel, Are you sure?
  0004             Yes                NO
  CETV-3
  OK  Select  0  All  1.  Favor  2.  Lock  3. Skip
  4.   Delete  ◀▶  Group  PG-+  Page  Exit  Exit
```

1.pressing number [4] key, it will ask you " Delete channel. Are you sure?" Select " Yes" to delete the highlighted channel and select " No" to cancel the operation.

Find

```
             TV Channel List
  All Channel              Find
  0001 CCTV-1        A B C D E F G
  0002 CCTV-2        H I  J  K L M N
  0003  BTV-1        O P Q R S T U
  0004 CETV-3        V W X Y Z 1 2
                     3 4 5 6 7 8 9
                     0 ( )  @ $ - +
                     _  ? Sp Del  OK
  1.  Exit    2  Find   3. Sort   4.  Move
  ◀▶  Group  PG-+  Page  Exit  Exit
```

1.pressing number [2] key, it will show a " Find window and you can find the channel you want.

2.Press [Up] [Down] [Left] [Right] key to move the highlight in "Find" window. Press [OK] to input char.

3.Move the highlight to " OK" and press [OK] key to save the modification.

4. press [Exit] key to cancel the operation.

Sort

```
           TV Channel List
  All Channel
  0001    Sort
  0002  Default          Program
  0003  Name(A-Z)
  0004  Name(Z-A)
         FTA
         Lock
  1. Exit   2 Find   3. Sort   4. Move
  ◄► Group  PG-+ Page Exit Exit
```
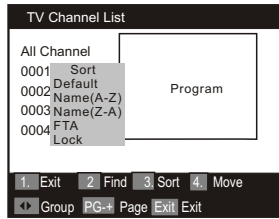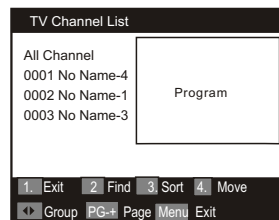
1.pressing number [3] key to sort channel.
2.it will display a dialogue to confirm. If you select "Yes", it will display " sort " box.
3.press [up] or [right] key to move highlight and press [OK] to select sort type such as default/Name(A/Z)/Name(Z/A)/FTA/Lock.

Move


```
           TV Channel List
  All Channel
  0001 No Name-4
  0002 No Name-1        Program
  0003 No Name-3


  1. Exit   2 Find   3. Sort   4. Move
  ◄► Group  PG-+ Page Menu Exit
```

1.pressing number key [4], there will show a "moving mark" in the right side of the selected channel like above.
2.you can move the selected channel to the position that you want to place by press [up/down]key. And press [OK] to confirm your decision.

3.2Radio channel list
Basically, the operation of "radio channel list" is same as " TV channel list" , but there is one point different: in "radio channel list" mode, there is no video information, so it will always display Radio's logo in the right side preview window.

3.3Delete all favorites
This operation will remove all favorites channels(includes TV and radio favorite channels) from favorite list.
When you press [OK] key on " delete all favorites" , it will ask you "warning! Do you really want to delete all favorite channels?" Select " Yes" to confirm or select "No" to cancel the operation.

3.4Delete all
1.pressing [OK] key on the " delete all", it will display " input password" dialogue. Default password is "0000".
2.then it will display a dialogue for you to confirm. Selecting "Yes" will delete all channels(includes TV and radio channels).

?Frequently asked question
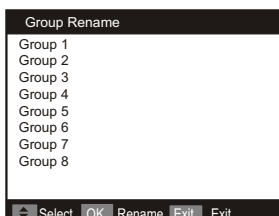Q:IF I incautiously delete all channels, what should i do?
A:there are two ways to restore:
To auto scan all channels in" installation " function.
To channel scan in "installation" function.

3.5Group Rename
1.pressing [OK] key on the "Group Rename", it will show a " Group Rename" window and you can rename the highlighted group (group 1~8). Press [Up] or [Down] key to move the highlight, and press [OK] to select the group.


```
           Group Rename
  Group 1
  Group 2
  Group 3
  Group 4
  Group 5
  Group 6
  Group 7
  Group 8

  ◆ Select  OK  Rename  Exit  Exit
```

2.Press [Up] [Down] [Left] [Right] key to move the highlight in "Rename   window. Press [OK] to input char.
3.Move the highlight to " OK" and press [OK] key to save the modification.
4.Move the highlight to "ESC" and press [OK] key to cancel the operation.

4.Installation
When you enter to "installation" menu, there will display the screen like below:

```
┌─────────────────────────────┐
│ Installation                │
│ Auto Scan                   │
│ Channel Scan                │
│ Tuner Setting               │
│ Service Language            │
│                             │
│                             │
│                             │
│ ⬍ Select  OK  Enter  Exit Exit│
└─────────────────────────────┘
```
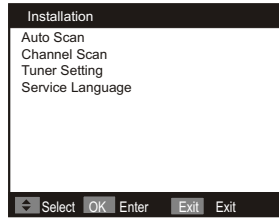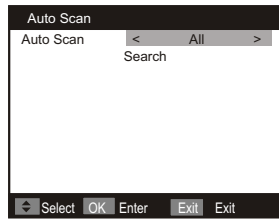
In" installation" menu;
1. Press [up/down]key to select menu items among each item.
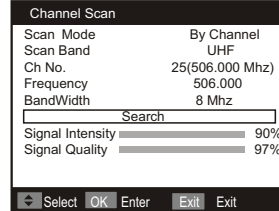2. Press [OK] key to enter the selected item.

4.1Auto Scan

When you enter to" auto scan" menu, there will display the screen like below: (if channel lock is" on", input password first. Default password is "0000")

```
┌─────────────────────────────┐
│ Auto Scan                   │
│ Auto Scan      <    All    >│
│              Search         │
│                             │
│                             │
│                             │
│                             │
│ ⬍ Select  OK  Enter  Exit Exit│
└─────────────────────────────┘
```

1. Firstly please select the country in system setup menu/region and time/region, such as "France".
2. In "scan mode" item, press [left/right] key to select scans all channels or just scans free channels.
3. Move the highlight to "search " item and press [OK] key to start scanning.
4. In the "auto scan" menu, press [exit] key to draw back from the scanning.
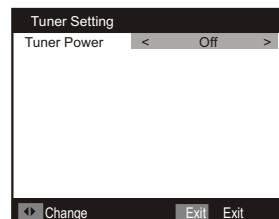
4.2Channel Scan

When you enter to" channel scan" menu, there will display the screen like below:

```
┌─────────────────────────────┐
│ Channel Scan                │
│ Scan  Mode        By Channel│
│ Scan Band              UHF  │
│ Ch No.        25(506.000 Mhz)│
│ Frequency          506.000  │
│ BandWidth          8 Mhz    │
│ ┌───────Search───────┐      │
│ Signal Intensity ▭▭▭▭▭  90% │
│ Signal Quality   ▭▭▭▭▭  97% │
│                             │
│ ⬍ Select  OK  Enter  Exit Exit│
└─────────────────────────────┘
```

1. There are two modes. You can scan channel by channel or by frequency.
2.when scan band is UHF and region is "France", the range of Ch NO.Is from 21to 69. When scan band is VHF and the region is "France",the range of Ch NO. Is from 1 to 9.(It is according to region.)
3.when you complete your modification, move highlight to "search" item and press [OK] key , then it will begin to scan.
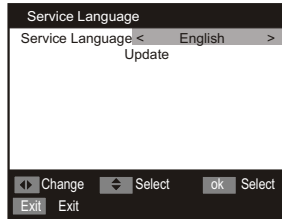4. Press [Exit] key to exit the scanning.

4.3 Tuner setting

When you enter to" tuner setting" menu, there will display the screen like below:

```
┌─────────────────────────────┐
│ Tuner Setting               │
│ Tuner Power    <    Off    >│
│                             │
│                             │
│                             │
│                             │
│                             │
│ ◂▸ Change         Exit  Exit │
└─────────────────────────────┘
```

1. Tuner power: on/off

4.4 Service Language

When you enter to "Service Language" menu, there will display the screen like below:

```
┌─────────────────────────────────┐
│ Service Language                │
├─────────────────────────────────┤
│ Service Language <    English  > │
│              Update             │
│                                 │
│                                 │
│                                 │
│                                 │
├─────────────────────────────────┤
│ ◀▶ Change   ◆ Select  ok Select │
│ Exit  Exit                      │
└─────────────────────────────────┘
```

1. Service Language: Press [Left], [Right] key to select the language of MHEG program stream.
2. Move highlight to [Update] button and press [OK] key to update.

5. System setup
When you enter to" system setup" menu, there will display the screen like below:

```
┌─────────────────────────────────┐
│ System Setup                    │
├─────────────────────────────────┤
│ OSD Language                    │
│ TV System                       │
│ Region and Time                 │
│ Timer Setting                   │
│ OSD Setting                     │
│ Parental Lock                   │
│                                 │
├─────────────────────────────────┤
│ ◆ Select  ok Enter  Exit Exit   │
└─────────────────────────────────┘
```
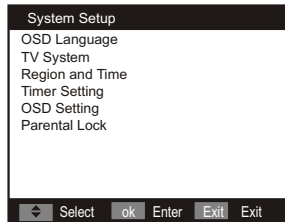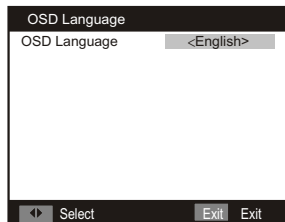
In "system setup" menu:
1. Press [left/right] key to select menu pages among channels, installation system and tools.
2. Press [up/down] key to select menu items among each item.
3. Press [OK] key to enter the selected item.
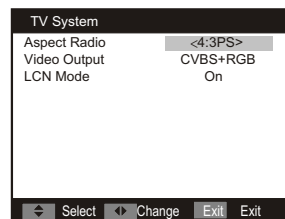
5.1 OSD Language
When you enter to" language" menu, you will see the screen like below:

```
┌─────────────────────────────────┐
│ OSD Language                    │
├─────────────────────────────────┤
│ OSD Language        <English>   │
│                                 │
│                                 │
│                                 │
│                                 │
│                                 │
├─────────────────────────────────┤
│ ◀▶ Select          Exit  Exit   │
└─────────────────────────────────┘
```

1. OSD language: press[left], [right] key to change the osd language.
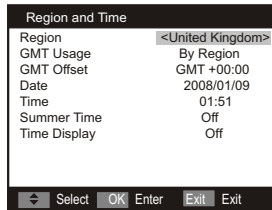2. Press [Exit] key to draw back from" osd language" menu.

5.2 TV system
When you enter to" TV system" menu, you will see the screen like below:

```
┌─────────────────────────────────┐
│ TV System                       │
├─────────────────────────────────┤
│ Aspect Radio        <4:3PS>     │
│ Video Output        CVBS+RGB    │
│ LCN Mode            On          │
│                                 │
│                                 │
│                                 │
├─────────────────────────────────┤
│ ◆ Select  ◀▶ Change  Exit  Exit │
└─────────────────────────────────┘
```

1.Aspect mode is used for switching the screen aspect ratio mode. Now we provide below options: 4:3LB/4:3PS/16:9. You can press [left/right] key to select each mode circularly.
2. Video output is use for switching the video output mode. Now we provide below options: CVBS+RGB You can press [left/right] key to select each mode circularly.
3.LCN mode can control the channel whether sort by the sequence information in the streams. The option is :on/off. You can press [left/right] key to select each mode circularly.
4. Press [Exit] key to draw back from "TV system" menu.
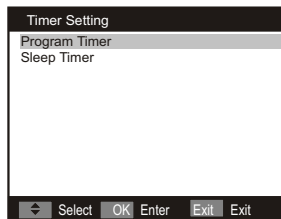
5.3 Region and Time
When you enter to" region & time" menu, you will see the window like below:

```
┌─────────────────────────────────┐
│  Region and Time                │
│  Region          <United Kingdom>│
│  GMT Usage          By Region   │
│  GMT Offset       GMT +00:00    │
│  Date             2008/01/09    │
│  Time               01:51       │
│  Summer Time         Off        │
│  Time Display        Off        │
│                                 │
│                                 │
│  ⬍ Select  OK Enter  Exit Exit  │
└─────────────────────────────────┘
```

–Region is used for selecting the country which you are in. You can press [left/right] key to select each mode circularly.
–GMT usage: this item is use for open the usage of GMT. You can press [left/right] keys to switch "off/user define/by region".
–The " GMT offset" item is valid only when the setting of " GMT usage" is"user Define". You can press [Left/Right] keys to switch "GMT offset" value, and the range is "-12:00~+12:00", increase each half hour progressively.
–"Date" and" Time" items are valid only when the setting of "GMT usage" is off. You can press [left/right] keys to moving highlight and use number keys to input directly.

Region is used for selecting the country which you are in. You can press [left/right] key to select each mode circularly.
–GMT usage: this item is use for open the usage of GMT. You can press [left/right] keys to switch "off/user define/by region".
–The " GMT offset" item is valid only when the setting of " GMT usage" is"user Define". You can press [Left/Right] keys to switch "GMT offset" value, and the range is "-12:00~+12:00", increase each half hour progressively.
–"Date" and" Time" items are valid only when the setting of "GMT usage" is off. You can press [left/right] keys to moving highlight and use number keys to input directly.
---"Summer time" items are valid only when the setting of "GMT usage" is "By Region". You can press [left/right]keys to switch.
---Time display function can control whether the time will be displayed on screen or not.
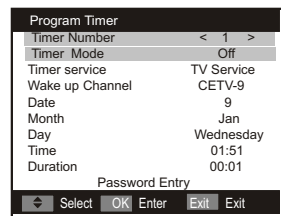---Press [Exit] key to draw back from "time" menu.

5.4 timer setting

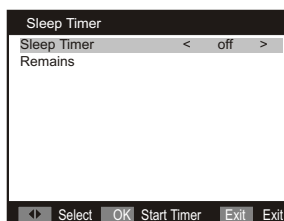When you input to" timer setting" menu, you will see a screen like below:

```
┌─────────────────────────────────┐
│  Timer Setting                  │
│  Program Timer                  │
│  Sleep Timer                    │
│                                 │
│                                 │
│                                 │
│                                 │
│                                 │
│                                 │
│  ⬍ Select  OK Enter  Exit Exit  │
└─────────────────────────────────┘
```

Program timer

When you enter " program timer", you will see the window like below:

```
┌─────────────────────────────────┐
│  Program Timer                  │
│  Timer Number       <  1  >     │
│  Timer  Mode          Off       │
│  Timer service      TV Service  │
│  Wake up Channel    CETV-9      │
│  Date                 9         │
│  Month               Jan        │
│  Day              Wednesday     │
│  Time               01:51       │
│  Duration           00:01       │
│        Password Entry           │
│  ⬍ Select  OK Enter  Exit Exit  │
└─────────────────────────────────┘
```
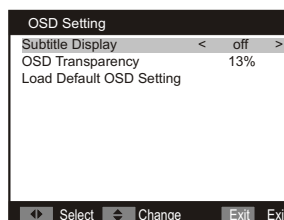
1.current time information will display on the first row; if the current time is incorrect, please modify the time information in"time" item.

2.Timer mode: there are several modes for timer to setting, include off, once, daily, weekly, monthly

3.Wakeup channel: Press [OK] key to enter channel list and select channel that you want to setting.

4.Month/Date: Press [Left/Right] keys to select your wakeup date.

5.Day: if "Timer mode" is "weekly", this item is valid. you can select day such as Monday, Tuesday, ..., Sunday.

6.Time: press [OK] key and number keys to input your wakeup time. Once the time's up, no matter what the system is in standby mode or in playing mode, the system will automatically switch to the channel you want and start to play.

7.Duration: press [Left/Right] key to select duration.

8.Pressing [Exit] key, it will ask you "Are you sure to save" Select "Yes" to save the timer or select "No" to cancel the operation.

Sleep Timer

When you enter "Sleep timer", you will see the window like below:

```
Sleep Timer
Sleep Timer          <    off    >
Remains




       Select   OK Start Timer   Exit  Exit
```

When you input to "OSD Setting" menu, you will see a screen like below:

```
OSD Setting
Subtitle Display       <    off    >
OSD Transparency            13%
Load Default OSD Setting




       Select     Change      Exit  Exit
```

1. Subtitle display: you can press [Left/Right] key to select"on" or"off". If the current channel has subtitle information, it will be showed up while this function is "on", if this is "off", there won't show up subtitle information even if the current channel has subtitle information.
2. OSD transparency: you can set the transparency of OSD. You can press [Left/Right] key to select the values. There are 5 levels of transparency, 10%,20%,30%,40%,50%, and "off" (means no transparency function).
3. Load default OSD setting: press OK to load default OSD setting.
4. Press [Exit] key to draw back from the"OSD Setting" menu.

5.6 Parental Lock
You can set a password for anyone who wishes to operate in the "installation" menu. And you can also set the password for the lock channels. (How to set the lock channel please refer to Lock) here will show you how to setting and how to revising the password.
1.In "Parental lock" function, press [OK] key, there will pop a dialogue for you to input the password. The default password is "0000". When you input the correct password, you will see a screen like below:

```
Parental Lock
Menu Lock            <    off    >
Channel Lock              off
New password             ----
confirm password         ----




      Select    Change 0-9 Input Exit  Exit
```
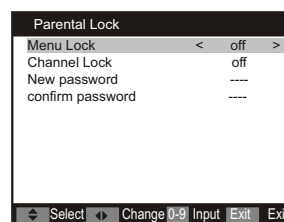
Menu lock determining that when user wishes to enter "installation" menu and " Channel List/Edit", whether have to input password or not. If the setting of "menu lock" is "Yes" which means user have to key in password, set "No" means unlock.
Channel lock can set the channel which user wants to lock it. If you want to see the lock channel, you can set channel lock" off".
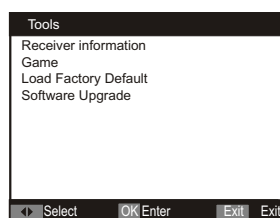New password is used for revising password; you can press [OK] key firstly then input the new password in this item by using number keys directly. After you filled in 4 digital numbers, the highlight will auto skip to confirm password and ask you to input the new password again. If the password is correct, the screen will show up a message of "change password successfully".
After finish saving and draw back to "system setup" menu, the revising is complete.
Press [Exit] key to draw back from the "parental lock" menu.

6. Tools
When you switch to "tools" menu, you will see a screen like below:

```
Tools
Receiver information
Game
Load Factory Default
Software Upgrade




      Select    OK Enter      Exit  Exit
```

In "Tools" menu:
1. Press [Up/Down] key to select menu items among each item.
2. Press [OK] key to enter the selected item.

6.1 Information

1. When you enter to" information" menu, you will see some receiver information.
2. Press [Exit] key to draw back from "tool" menu.

6.2 Game

When you enter "Game" menu, you will see three Games include Tetris, Snake and Othello.
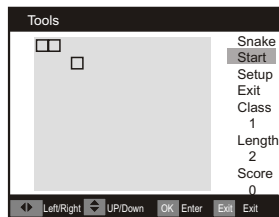Basic operation statement:
--Moving highlight to "setup" and press [Left/Right] key to select the game level (speed).
--Moving highlight to "start" and press [OK] key to start the game.
–Moving highlight to [Cancel] keys and press [OK] key to draw back form the game.
– start on the game:
      [Left/Right]---move shape left or right
      "Channel Up"---rotate clockwise
      "Channel Down"---Faster Drop
      [OK]---Pause/Play the game
      [Exit]---Quit game and draw back to "game" menu.
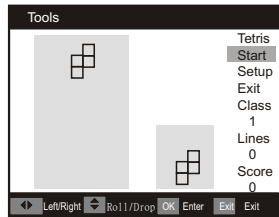
2. Snake
  Moving highlight to"Setup" and press [Left/Right] key to select the game level (speed).
  Moving highlight to "Start" and press [OK] key to start the game.
  Moving highlight to [Cancel] keys and press [OK] key to draw back from the game.
   Start on the game:
      [Volume Up/Volume Down/Channel Up/Channel Down]---use these arrow keys to guide the snake.
      [OK]---Pause/Play game
      [Exit]---Quit game and draw back to "Game" menu.


3. Othello
  Moving highlight to "Setup" and press [Left/Right] key to select the game level (degree of difficulty).
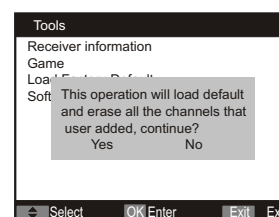 Moving highlight to "Start" and press [OK] key to start the game.
  Moving highlight to [Cancel] keys and press [OK] key to draw back from the game.
  Start on the game:
      [Volume Up/Volume Down/Channel Up/Channel Down]---use these arrow keys to guide chessman.
      [OK]---set chessman.
      [Exit]---Quit game and draw back to "game" menu.
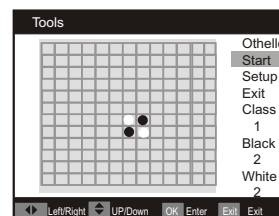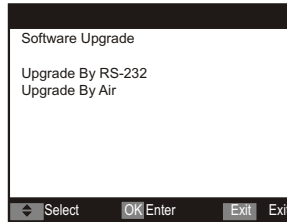

6.3 Load Factory Default

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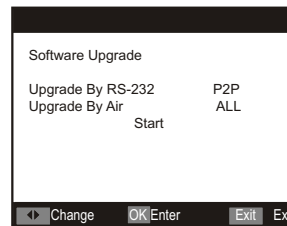When you press [OK] key in the "Load Factory Default" item:
1. There will pop a dialogue for you to enter the password, and the default password is "0000".
2. After you input the correct password, there will show a warning message to inquiry you " the operation will load default and erase all the channels that user added, continue?".
3. If you select "Yes" option, the all revised parameters of the receiver will reset to default value. Please carefully to using this function.
4. In step 1 and step 2, press [Exit] key can draw back from this item and without saving.

6.4 Software Upgrade
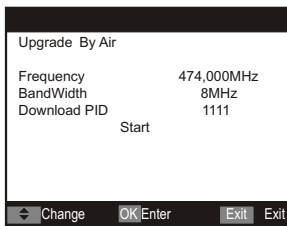When you enter to "software upgrade " menu, you will see the window as below:

```
Software Upgrade

Upgrade By RS-232
Upgrade By Air




  ⬍ Select      OK Enter    Exit  Exit
```

Upgrade By RS-232

```
Software Upgrade

Upgrade By RS-232        P2P
Upgrade By Air           ALL
                Start



  ◀▶ Change     OK Enter    Exit  Exit
```

1. Transfer mode: P2P/P2M. P2P means one STB upgrade the other one. P2M means one STB upgrade several other boxes at same time.
2. When transfer mode is "P2P", "Upgrade Mode" is valid. Press [Left/Right] keys to switch upgrade mode.
   Upgrade modes include: ALL/CODE/LOGO/COUNTRYBAND/DATABASE.
3. When connecting the master and one slaver, turn on slave receiver and it needn't operate any setting.
   Moving highlight to "start" on master receiver and press [OK] key to start upgrade.
4. When transfer mode is " P2M", "Upgrade Mode" is invalid. Default is "All".
5. When connecting the master and multi slavers. You can move highlight to "start" on master receiver and press [OK] key to start. Turn on all slavers receiver and press [OK] again on master to begin to upgrade.
6. Press [Exit] key to save the parameters and draw back.

Upgrade By Air
This function can upgrade to software through signal lines form the cable.

```
Upgrade  By Air

Frequency          474,000MHz
BandWidth          8MHz
Download PID       1111
            Start



  ⬍ Change      OK Enter    Exit  Exit
```

1. Input the frequency value and download PID, and select bandwidth.
2. Then move the highlight to the start button and press [OK] key to begin to upgrade.

7. Hotkey
7.1 Standby
1. Press [Power] key can enter the standby state.
2. In standby state, press [Power] key again can call back the unit and go on play the previous channel.
3. User can also disconnect the device's main power to end the standby state.

7.2 CH+/CH-
In full screen, press [Channel Up/Down] to change channel.

7.3 V-/V+
In full screen, press [Volume Up/Down] to adjust volume.

7.4 Number
In full screen, use number key and after 2 seconds it will go to the channel or press [OK] key to change channel directly.

7.5 TV/Radio
In TV mode, press [TV/RADIO] key can switch to Radio mode. In radio mode, press [TV/Radio] key to switch to TV mode.

7.6　Channel List
1. In full screen, press [OK] or [List] key can enter "channel list", please refer to TV channel list for detail information.
2. In "Channel list" menu, press [OK] key to play the highlighted channel.

7.7　Audio
1. In full screen, press [Audio] key can open the "audio mode" window.

```
                          Audio Setup
            Audio Mode            <   Left   >
            Audio Track               1/1
```
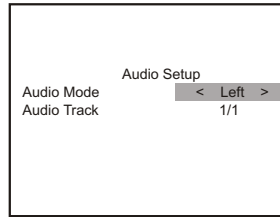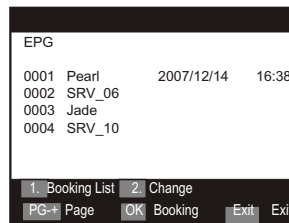
2. You can move highlight by press [Up/Down] key and switching each selection by press [Left/Right] key.
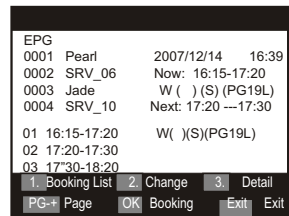
3. Press [Exit] key to exit.

7.8　EPG

1. The STB has an electronic program guide (EPG) to help you navigate channels through all the possible viewing options. The EPG supplies information such as channel listings and starting and ending times for all available programs.

Press [EPG] key to display EPG screen.

```
EPG

0001   Pearl            2007/12/14      16:38
0002   SRV_06
0003   Jade
0004   SRV_10



1.  Booking List    2.  Change
PG-+  Page    OK  Booking      Exit  Exit
```

2. Press [1] key can see the booked program list.

3. Press [2] key can switch to display all programs schedule information of the selected channel. The window is like below:

```
EPG
0001   Pearl            2007/12/14      16:39
0002   SRV_06         Now:  16:15-17:20
0003   Jade              W (   ) (S) (PG19L)
0004   SRV_10         Next: 17:20 ---17:30

01  16:15-17:20          W(   )(S)(PG19L)
02  17:20-17:30
03  17"30-18:20
1.  Booking List    2.  Change      3.    Detail
PG-+  Page    OK  Booking      Exit  Exit
```

3. Press [exit] key to exit.

7.9 FAV

1. Press [FAV] key to open the favorite group window. Press [Up/Down] key to select favorite group. Press [OK] key to switch to the favorite group.

2. Then press [Left/Right] key to channel change between the favorite group.

7.10 Exit

1. [Exit] key can exit current menu.

7.11　Menu
1. [Menu] key can enter the menu or exit current menu.

7.12　Mute
1. Press [Mute] key to mute the sound and the screen will show up.
2. Press [Mute] key again to restore sound.

7.13　Recall
1. Press [Back] key will directly switch to the previous channel that you played before current channel.

7.14　Information
.1. In full screen, press [Info] key can open information bar. When information display, press [info] key again, then it will shows the parameters of current channel.

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7.15 Subtitle
1. Press [Subtitle] key in full screen, it can show a "subtitle display" window.
2. Subtitle display: Press [Left/Right] key to switch " on/standard/teletext".
3. Subtitle language: if the channel has subtitle, you can select the subtitle language.

```
                    Subtitle Display
Subtitle Display           <  off  >
Subtitle Language       No Subtitle
```
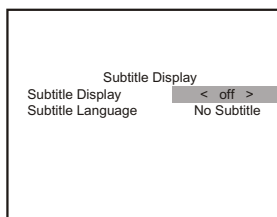
7.16 Text
1. Press [Text] key can see teletext information if the channel has.
2. If the channel don't have teletext, if will display " No teletext date."

The AC/DC adaptor and apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on AC/DC adaptor and apparatus.
To be completely disconnect the power input, the AC/DC adaptor of apparatus shall be disconnected from mains.
The AC/DC adaptor of apparatus should not be obstructed or should be easily accessed during intended use.
Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
The marking information is located at the bottom of the apparatus.
Minimum distances around AC/DC adaptor and apparatus for sufficient ventilation.
The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
No naked flame sources such as lighted candles should be placed on AC/DC adaptor and apparatus;
Attention should be drawn to the environmental aspects of battery disposal;
The use of apparatus in moderate climates.

Specification

Power requirements: AC 100~240V~50/60Hz

DC   5.2V   2.0A

Power consumption: ≦10W   ---

Power consumption(standby):≦ 1W

Input frequency: 474-858(UHF)

Input impedance: 75 Ohm

Connectors

Specification- A/V mode

Video：   MPEG-II Main profile/Main level

Audio：   MPEG-I Layer I&II

Aspect ratio: 4:3 16:9

Audio sampling rate: 32, 44.1, 48KHz

Audio type: mono, dual mono, stereo

Graphic display: 720×576 （PAL), 720×480(NTSC)

Accessories
Remote control x 1
User manual x 1
Batteries x 2

Specifications are subject to change without notice.