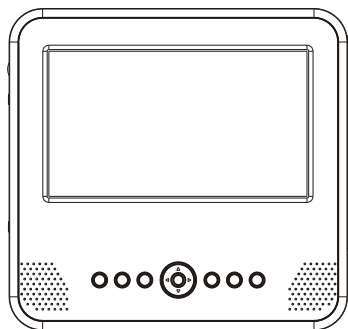
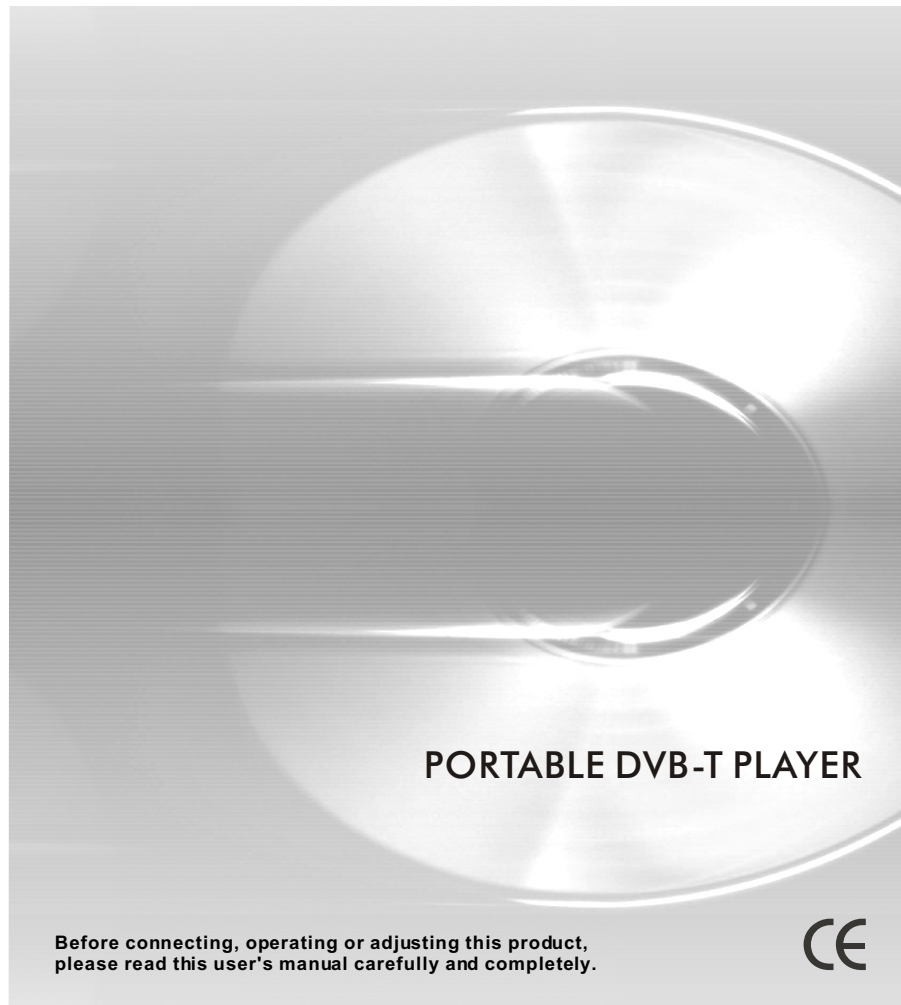


DENVER®



USER'S MANUAL DFT-700D



PORTABLE DVB-T PLAYER

Before connecting, operating or adjusting this product,
please read this user's manual carefully and completely.



Instructions on environment protection



Do not dispose of this product in the usual household garbage at the end of its lifecycle; hand it over at a collection point for the recycling of electrical and electronic appliances. The symbol on the product, the instructions for use or the packing will inform about the methods for disposal.

The materials are recyclable as mentioned in this marking. By recycling, material recycling or other forms of re-utilization of old appliances, you are making an important contribution to protect our environment.

Please inquire at the community administration for the authorized disposal location.

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Safety Precautions

- Always read the safety instructions carefully
- Keep this User's Manual for future reference
- Keep this equipment away from humidity
- Lay this equipment on a reliable flat surface before setting it up.
- Do not stand it on soft furnishings.
- If any of the following situation arises, get the equipment checked by a service technician:
 1. The equipment has been exposed to moisture.
 2. The equipment has been dropped and damaged.
 3. The equipment has obvious sign of breakage.
 4. The equipment has not been working well or you cannot get it work according to User's Manual.

Warning

- To prevent the risk of electric shock, do not open the cover or the back of the receiver.
- Do not block the ventilation holes of the device. Leave appropriate gap above and around it to allow for adequate ventilation.
- Do not place the device in an unventilated cabinet or on top of a unit which emits heat.

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Disclaimer

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Introduction

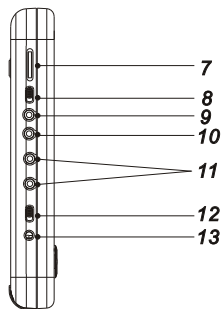
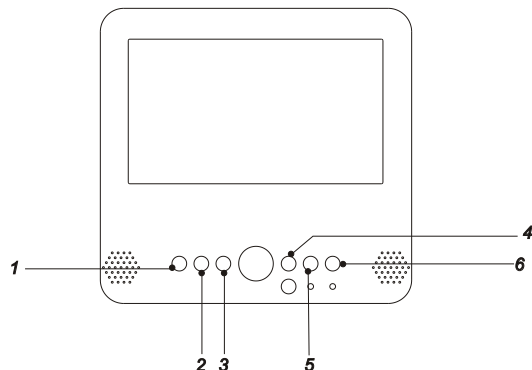
This DVB-T player is a Free-To-Air digital terrestrial receiver, allowing you to access free-to-air digital terrestrial TV channels and radio broadcasts. Its digital reception covers VHF & UHF band. Compared with the analog TV programs, digital TV programs eliminate the noise and interference but offer high quality video and audio. An on-screen initial installation guide is provided so that you can easily start to enjoy watching the programs. In addition, a fully featured remote controller is included that offers you access to every feature with a simple press of a button.

Features

1. Bandwidth of 7/8MHz supported
2. Automatic/manual channel search
3. COFDM demodulator
4. Supports remote control
5. NTSC/PAL converting automatically and manually
6. EPG (Electronic Program Guide) and Teletext function
7. Multiple-language OSD (English, French, German, Italian, Spanish, Portuguese and Dutch)
8. Channel edit, moving and deletion
9. Parental lock control
10. SDTV only
11. Supports subtitle
12. ETSI EN 300 744 DVB-T Compliance

Identification of Controls

Main Unit



1.MENU

Displays on screen menu.Return to previous menu.

2.EXIT

Returns to previous menu or exit current menu.

3.Mode

Adjusts the TFT Panel parameters(include brightness contrast hue)

4. GAME

Turn on the GAME menu

5.EPG

Turn on/off the EPG

6. TELETEXT

Turn on/off the teletext

7. Volume control

8.IN-AV/OUT switch

9.Video IN/OUT JACK.

10.Audio IN/OUT JACK.

11.Headphone out jacks

12.Power switch

13.DC in connect the AC adapter

Identification of Controls

Remote control unit

1. POWER

To switch between standby/ operation mode.

2. TV/RADIO

To switch between TV/ radio channels.

3. 0-9

To enter channel number or value in on-screen menu.

4. INFO

Displays information of the current channel.

5. MUTE

Press once to turn the sound off and press it again to restore the sound.

6. MODE

Adjusts the TFT Panel parameters (include brightness contrast hue)

7. PAUSE

To pause the current TV/radio program. Press again to resume normal play.

8. PRO+ / PRO-

Goes to previous/next channel. Moves cursor up/down in on-screen menu.

* Also referred to as Up / Down throughout the manual.

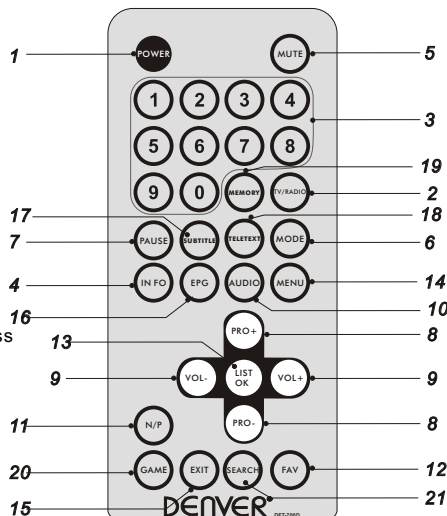
9. Vol + / Vol -

Increases/decreases volume. Moves cursor right/left in on-screen menu.

* Also referred to as Right / Left throughout the manual.

10. AUDIO

Select the AUDIO source.



11. N/P

Switch the NTSC or PAL.

12. FAV

Turn on/off the favourite mode.

13. LIST OK

Activates the highlighted menu item. Displays program list window.

14. MENU

Displays on-screen menu.

15. EXIT

Returns to previous screen.

16. EPG

Displays EPG (if available).

17. SUBTITLE

Displays subtitle selection menu.

18. TELETEXT

Displays teletext (if available).

19. MEMORY

Add current channel to favourite program list.

20. GAME

Turn on the GAME menu

21. SEARCH

Activates the search menu.

Insert the battery



- Refer to the drawing, take the back cover of the remote control off and remove the empty battery receptacle.
- Prior to shipping, a separating film was applied to the battery. Remove this film.
- Insert the battery into the receptacle and insert the receptacle into the remote.
- For the best results, aim the remote towards the player, receiving window. Stay within 15 feet and angles of 60 degrees or less.
- Under normal use the battery will last for one year.
- Remove battery during storage or when you are not using the DVD player for a long time.

First Time Installation



No channels are stored in your unit. A First Time Installation Wizard will appear automatically on the screen. Continue with the OSD (On-Screen-Display) to do the following setting.

In Advance: Push to ON position on the left side of DVB-T player.

- 1** A First Time Installation Wizard appears. Press **LIST OK** to select **YES**.
- 2** Press **PRO+** button / **PRO-** button to select the item you wish to setup, and then press **VOL+** button / **VOL-** button to switch to your preferred setting.
- 3** Press **PRO+** button / **PRO-** button / **VOL+** button / **VOL-** button to select **NEXT**, and then press **LIST OK** to continue to the next page.
- 4** To start Auto Search, press **LIST OK** to select **YES**.
All the receivable programs (including TV and Music) will be listed respectively on the screen.
This process may take a few minutes to be done.
- 5** After Program Search is done, press **VOL+** button / **VOL-** button to select and start watching TV programs.

*To return to the MAIN MENU

---Press **EXIT** button.

*To finish the setup operation

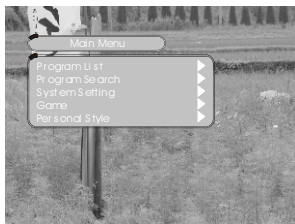
---Press **MENU** to exit from Main Menu screen.

Main Menu

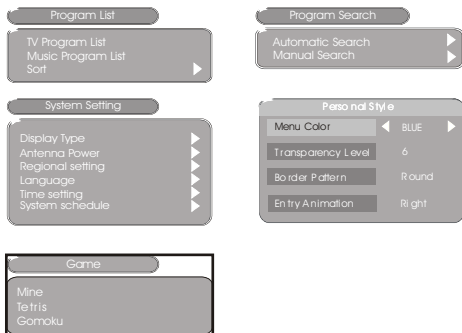
Most of the Settings of your DVB player can be done by following the OSD instructions (*Main Menu). For details on how to set up by using your remote control, please refer to Chapter 5: Remote Control Guide.

In Advance:

- Push (OFF/ON) switch to the ON position. To turn on your unit.
- Press **MENU** to display the Main Menu.



The following is the overview of the five settings:



A. Program List

A-1 TV Program Editing

Before editing your TV program, make sure you have finished with program search, which should be done by completing the First Time Installation Wizard. If not, you have to set up your TV programs first. Please refer to Program Search for details.

- Under Main Menu, press **LIST OK** to select Program List.
- Under Program List, press **LIST OK** to select TV Program List.
- A Program edit table Window appears. You can use this table to edit your Favorite TV Programs, re-arrange your TV program numbers and delete the TV programs you dislike.

*To return to the MAIN MENU

---Press **EXIT** button.

*To finish the setup operation

---Press **MENU** to exit from Main Menu screen.

A-2 Music Program Editing

Before editing your music program, make sure you have finished with program search, which should be done by completing the First Time Installation Wizard. If not, you have to set up your TV programs first. Please refer to Program Search for details.

- Under Main Menu, press **LIST OK** to select Program List.
- Under Program List, press **LIST OK** to select Music Program List.
- A Program edit table Window appears. You can use this table to edit your Favorite TV Programs, re-arrange your TV program numbers and delete the TV programs you dislike.

*To return to the MAIN MENU

---Press **EXIT** button.

*To finish the setup operation

---Press **MENU** to exit from Main Menu screen.

Chapter 2-2 Initial OSD Setting-continued

Program edit table

The following table is present in the TV Program Editing and Music Program Editing menus. You may freely set your favorite program list, switch program numbers, and delete an existing program.

Program edit table				
No.	Program Name	Favor	Move	Del
1	FTV			
2	FTV N			
3	FTV IE S1			
4	TV V-1			
5	TV V-2			
6	STV			
7				
8				

Favorite Program Setting

Step 1. In the Program edit table, press VOL+ button / VOL- button to highlight Favor (Favorite Program) section.

Step 2. Under Favor section, press PRO+ button / PRO- button to highlight the corresponding box of your favorite Program and press LIST OK .You will see a Heart icon appear on this box, representing that this program is added to your Favorite Program list.

Step 3. Repeat Step 2 to add more favorite TV programs.

In Advance:

- You can setup your Favorite Program by using remote control.
- You can press PRO+ button / PRO- button to step through your Favorite Program only after one or more Favorite programs are set up.

*To return to the MAIN MENU

---Press EXIT button.

*To finish the setup operation

---Press MENU to exit from Main Menu screen.

Program edit table				
No.	Program Name	Favor	Move	Del
1	FTV			
2	FTV N			
3	FTV IE S1	♥		
4	TV V-1			
5	TV V-2			
6	STV			
7				
8				

Switch Program Setting

Step 1. In the Program edit table, press VOL+ button / VOL- button to highlight Move section.

Step 2. Under Move section, press PRO+ button / PRO- button to highlight the corresponding program box you wish to change and press LIST OK .

Step 3. Press PRO+ button / PRO- button to highlight the corresponding program box you wish to exchange, and then press LIST OK .You will see a Double-Arrows icon appear on this box, representing that 2 program numbers are switched.

Step 4. Repeat Step 2 through Step 3 to switch more programs.

*To return to the the up level MENU

---Press EXIT button.

*To finish the setup operation

---Press MENU to exit from Main Menu screen.

Program edit table				
No.	Program Name	Favor	Move	Del
1	FTV			
2	FTV N			
3	FTV IE S1			
4	TV V-1			
5	TV V-2			
6	STV		↕	
7				
8				

Delete Program Setting

Step 1. In the Program edit table, press VOL+ button / VOL- button to highlight Del (Delete) section.

Step 2. Under Del section, press PRO+ button / PRO- button to highlight the corresponding program box you wish to delete, and press LIST OK .You will see a Cross icon appear on this box, representing that the program is deleted.

Step 3. Repeat Step 2 to delete more unwanted programs.

Chapter 2-2 Initial OSD Setting-continued

In Advance:

Once the programs are deleted, there is no way to add them back. To watch those deleted programs, you will need to do Program Search again. Please note that by doing so, your previous program list will be replaced.

*To return to the up level MENU

---Press EXIT button.

*To finish the setup operation

---Press menu to exit from Main Menu screen.

Program edit table				
No.	Program Name	Favor	Move	Del
1	FTV			
2	FTVN			
3	FTVTEST			
4	TTV-1			
5	TTV-2			
6	STV			
7				
8				

A-3 TV Program List Sorting Setting

You can use this sorting function to re-arrange your program list in three different ways.

- 1 Under Main Menu, press LIST OK to select Program List .
- 2 Under Program List, press LIST OK to select Sort .
- 3 Under Sort, press PRO+ button / PRO- button to select your preferred sorting: By name , By Service ID or By Channel No. , and then press LIST OK .



*To return to the MAIN MENU

---Press EXIT button.

*To finish the setup operation

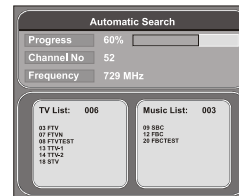
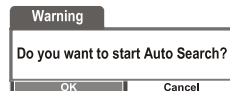
---Press MENU to exit from Main Menu screen.

B. Program Search

To enjoy the high quality of digital TV signals through the Set Top Box, you have to search for all the available TV program first. This unit provides you with 2 ways of program search, including Automatic Search and Manual Search.

B-1 Automatic Search

- 1 Under Main Menu, press PRO- button and LIST OK to select Program Search .
- 2 Under Program Search, press LIST OK to select Automatic Search .
- 3 An Automatic Search window appears on the screen. All the receivable TV/Music programs will be listed respectively in the TV List/Music boxes below. This process may take several minutes to be done.



In Advance:

After Program Search is done, you can start watching TV or listening to Music programs by pressing PRO+ / PRO- .

<< NOTE >>

You can also press **Search** <Search> button to re-do Automatic Search. If you want to re-do Automatic Search, the following will appear on the screen as the reminder:

Select YES to re-do Automatic Search; if not, select NO .

Chapter 2-2 Initial OSD Setting-continued

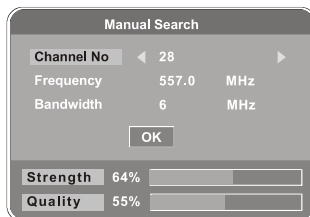
B. Program Search



B-2 Manual Search

You can locate specific programs by selecting frequency numbers.

- 1 Under Main Menu, press PRO- button and LIST OK to select Program Search .
- 2 Under Program Search, press PRO- button and LIST OK to select Manual Search .
- 3 An Manual Search window appears on the screen. Press VOL+ button / VOL- button to select Channel Number , and the corresponding frequency number will show from down below. Press PRO- button to highlight Frequency , and press VOL+ button / VOL- button to adjust/select the number of frequency.



- 4 Press PRO- button to highlight OK , and press LIST Ok

In Advance:

Almost all of the programs are available by Automatic Search. You can slightly adjust the frequency number, through Manual Search, to raise the quality of the digital signals in your area.

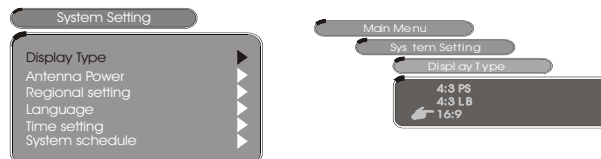
C. System Setting

This function allows you to setup the normal aspect ratio (picture display shape) according to source signal and monitor format of your TV, or your own viewing preference.

C-1 Display Type

This function enables you to set the screen format of the TV set connected so that those broadcast programs are displayed correctly.

- 1 Under Main Menu, press PRO- button and LIST OK to select System Setting .
- 2 Under System Setting, press LIST OK to select Display Type .
- 3 Press PRO+ button / PRO- button and LIST OK to select a preferred TV display.



- a. 4:3 PanScan

Select Pan & Scan (4:3) for a conventional size TV set.

*Video material formatted in the pan & scan style is played in that style (the left and right edges are cut off).



Chapter 2-2 Initial OSD Setting-continued

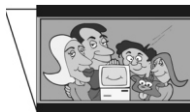
C. System Setting

b. 4:3 LetterBox



Select 4:3 LB for a conventional size TV set. Black bands appear at top and bottom of screen (letter-box style).

*Video material not formatted in the pan & scan style is played in the letter-box style.



C. 16:9



Select 16:9 for a wide-screen TV set.

*Played in FULL size.

- Setting the wide-screen TV to FULL mode is also necessary.
- Each screen shows an example when the video material for a wide-screen is played.



***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

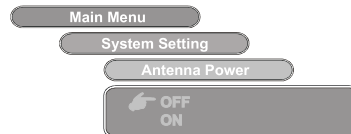
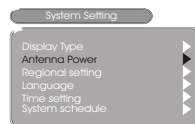
C-3 Antenna Power

If you are using passive Antenna Power, set Antenna Power to OFF ; if you are using active Antenna Power, set Antenna Power to ON .

1 Under Main Menu, press PRO- button and LIST Ok to select System Setting .

2 Under System Setting, press LIST Ok to select Antenna Power .

3 Press PRO+ button / PRO- button / LIST Ok button to initiate antenna power.



***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

Chapter 2-2 Initial OSD Setting-continued

C-4 regional settings

This function allows you to set the time zone of your location and corresponding bandwidth of the digital signals all at once simply by selecting the country you are currently in.

- 1 Under Main Menu, press PRO- button/ LIST Ok button to select System Setting .
- 2 Under System Setting, press LIST Ok button to select Country .
- 3 Press VOL+ button / VOL- button/ LIST Ok button select the country where you're in.



In Advance:

GMT: The current time is set automatically whenever GMT offset changes.

***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

C-5 OSD Language

This function allows you to set the language of your OSD (On-Screen Display) Menu.

- 1 Under Main Menu, press PRO- button/ LIST Ok button to select System Setting .
- 2 Under System Setting, press LIST Ok button to select OSD Language .
- 3 Press PRO+ button / PRO- button and LIST OK to select the preferred OSD language.



***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

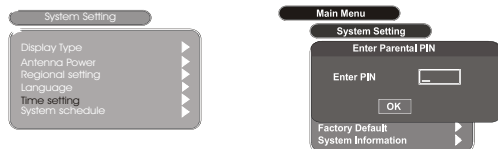
C-6 Parental Control

This function allows you to lock the programs that you do not want your children to view. For example, if you set the selected program to be locked, then the program can't be watched unless the correct PIN code is entered.

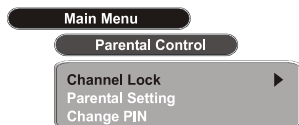
- 1 Under Main Menu, press PRO- button and LIST OK to select System Setting .
- 2 Under System Setting, press LIST OK to select Parental Control .
- 3 Press VOL+ button/ LIST Ok button to enter the Parental Pin window.

Chapter 2-2 Initial OSD Setting-continued

C-6 Parental Control



- 4 Enter the 4-digital Pin number and press LIST OK to enter the Parental Control window.



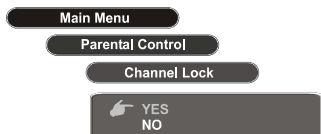
C-6 Parental Control-continued

- 5 Press PRO+ button / PRO- button and LIST OK to select the preferred Parental Control option.

a. Channel Lock

Channel Lock allows the parents to prevent younger members of the family to watch. Any channel can be locked so that it cannot be selected for viewing without a 4-digit PIN code being entered. In this way, any channel not suitable for younger viewers can be protected.

If you want to lock the current channel you are watching, select YES and then press LIST OK to lock the channel.



C-6 Parental Control-continued

b. Parental Setting

Step 1. Press PRO+ button / PRO- button to select the preferred program.

Step 2. If you want to lock the selected program, press LIST OK, a lock icon appears on the Lock box. Then the selected program is locked. Press LIST OK again if you want to unlock it.

Parental Setting		
No.	Program Name	Lock
1	FTV	
2	TVS	
3	FTVN	
4		
5		
6		
7		
8		

c. Change PIN

You can change the PIN code.

Step 1. Press the numeric button to enter 4-digit old PIN code.

Step 2. Press the numeric button to enter new PIN code.

Step 2. Re-enter new PIN code to confirm it.

Change Parental PIN	
Old PIN	<input type="text"/>
New PIN	<input type="text"/>
Confirm New PIN	<input type="text"/>
OK	

*To return to the MAIN MENU

---Press EXIT button.

*To finish the setup operation

---Press MENU to exit from Main Menu screen.

In Advance:

The default PIN is 8888. You may change your PIN code soon as you enter this menu. Remember to keep your PIN Code in a secure place.

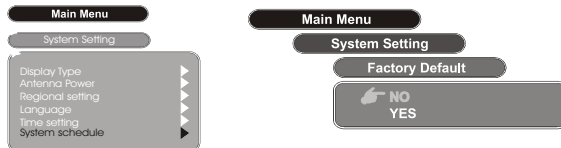
The super password is 9999.

Chapter 2-2 Initial OSD Setting-continued

C-7 Factory Default

This function allows you to erase the previous/current OSD setting and to restore Factory Default setting.

- 1 Under Main Menu, press PRO- button and LIST Ok button to select System Setting .
- 2 Under System Setting, press LIST Ok button to select Factory Default .
- 3 Press VOL+ button/ LIST Ok button to enter the Factory Default window.



- 4 Press PRO- button and LIST Ok button to select YES to go back to Factory Default setting.

***To return to the MAIN MENU**

---Press EXIT button.

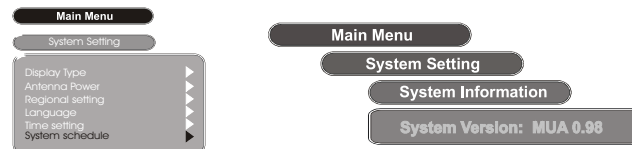
***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

C-8 System Information

This function allows you to view the version number of the system.

- 1 Under Main Menu, press PRO- button and LIST Ok button to select System Setting .
- 2 Under System Setting, press LIST Ok button to select System Information .



***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

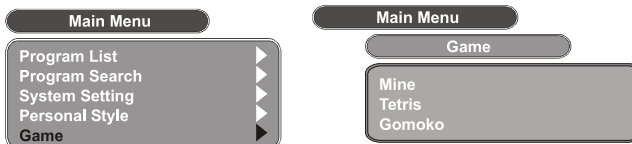
---Press MENU to exit from Main Menu screen.

D. Game

This section provides you bonus games for extra fun and enjoyment.

D-1 Game selecting

- 1 Under Main Menu, press PRO- button and LIST Ok button to select Game .
- 2 Under Game, press LIST Ok to select Display Type .
- 3 Press VOL+ button/ LIST Ok button to select one game to play.



Chapter 2-2 Initial OSD Setting-continued

D. Game

***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

In Advance:

By pressing  <Game> button, you can enter Game mode.

E. Personal Style

This section provides you many additional features to make your OSD setting more personal and stylish.

E-1 Menu Color

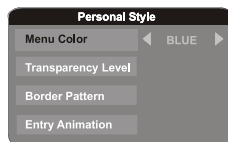
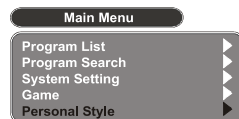
This function allows you to set the language of your OSD (On-Screen Display) Menu.

1 Under Main Menu, press PRO- button and LIST Ok button to select Personal Style .

2 Under Personal Style, press LIST Ok button to select Menu Color .

3 Press VOL+ button / VOL- button to select the preferred Menu color.

The following is for your selection: blue, red, yellow, orange, green and gray.



***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

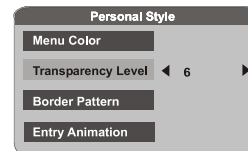
E-2 Transparency Level

This function allows you to set the level of transparency of your OSD menu frames.

1 Under Main Menu, press PRO- button and LIST Ok button to select Personal Style .

2 Under Personal Style, press LIST Ok button to select Transparency Level .

3 Press VOL+ button / VOL- button to select the preferred level of transparency from 1 to 8.



***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

E-3 Border Pattern

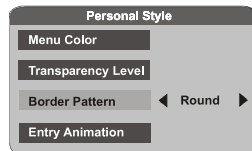
This function allows you to set the border pattern of your OSD (On-Screen Display) Menu frames.

1 Under Main Menu, press PRO- button and LIST Ok button to select Personal Style .

2 Under Personal Style, press LIST Ok button to select Border Pattern .

3 Press VOL+ button / VOL- button to select the preferred border pattern.

E-3 Border Pattern



***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

E-4 Entry Animation

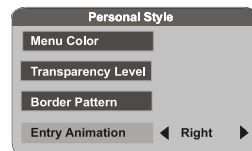
This function allows you to set the entry animation of your Fast Preview OSD menu frame.

1 Under Main Menu, press PRO- button and LIST Ok button to select Personal Style .

2 Under Personal Style, press LIST Ok button to select Entry Animation .

3 Press VOL+ button / VOL- button to select the preferred entry animation.

The following is for your selection: Right, Down, Right Down, Blind Right and Blind Down.



***To return to the MAIN MENU**

---Press EXIT button.

***To finish the setup operation**

---Press MENU to exit from Main Menu screen.

In Advance:

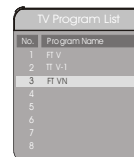
For information on the Fast Preview OSD setting, please refer to Fast Preview on page.

Fast Preview

The DVB-T player provides you fast preview of live broadcasts from each TV channel. You can use this function to take a fast preview at all the TV programs in advance of watching it in full screen.

1 Press LIST Ok

A TV Channel Menu appears to the left with corresponding live broadcast of the selected program to the right.



2 Press PRO+ button / PRO- button to toggle each TV channel and to see its live broadcast.

3 Press LIST Ok to watch your preferred program in full screen.

In Advance:

The DVB-T player also provide a Channel Guide window of live broadcasts in thumbnail images. For details, please refer to Channel Guide .

***To exit from this page**

---Press EXIT button.

How to select programs

The DVB-T player provides you the following ways to select programs.

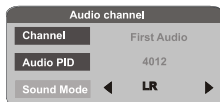
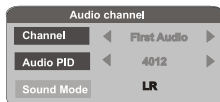
- * Press PRO+ button / PRO- button to step through the program selection.
- * Press numeric button(s) to enter the program number you want to view.
- * Select program from the program list.
- * Select program from the Electronic Program Guide (EPG).

Chapter 2-3 Convenient Functions

Audio Channel

You can select the preferred audio channel and sound mode.

- 1 Press **AUDIO** <Audio>, the Audio Channel window appears on the screen.
- 2 Press **PRO+** button / **PRO-** button to select Channel or Sound Mode.



- 3 Press **VOL+** button / **VOL-** button to select the preferred audio channel or sound mode.

When the Channel option is changed, the value of Audio PID will also change to the correct value.

*To exit from Audio channel

---Press **AUDIO** <Audio> button again.

EPG (Electronic Program Guide)

The DVB-T player provides you an Electronic Program Guide to take a fast preview of live broadcasts from each TV channel in advance of watching it in full screen.

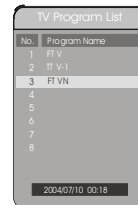
- 1 Press **EPG** <EPG>.

An Electronic Program Guide Menu appears on the screen, with a TV channel menu to the left and corresponding live broadcast of the selected program to the right.



EPG (Electronic Program Guide)

- 2 Press **VOL+** button to more digital teletext provided by the selected channel.



Press **VOL-** button and **EXIT** button to return to program list.

In Advance:

The content of digital teletext varies according to the program provider. It could be pictures and sound for the program, pages of information on the programs, the weather, the news or other options.

Some channels provide only digital teletext that carry no normal TV program; if so, you can't see the preview of the channels with EPG function.

- 3 Press **PRO+** button / **PRO-** button to toggle through each TV channel and to see its live broadcast.
- 4 Press **LIST** **Ok** to watch your preferred program in full screen.

*To exit from this page

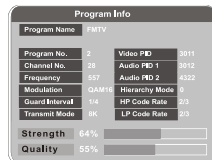
---Press **EXIT** button.

Displaying Information of the Program

Press **Info** <INFO.> during playback, and the corresponding information of the program will appear on the screen.

Chapter 2-3 Convenient Functions-continued

Displaying Information of the Program



***To exit from this page**
---Press **Info** <INFO.> button.

PR List (Program List)

Program List displays the complete list of available channels. Program List can be altered or amended to remove any unwanted channels and to suit to your own preferences. You can setup your favorite program lists.

Press **List ok** <List ok> in the STB mode.
Program edit table appears on the screen, you can edit your favorite program list. (Please refer to Program edit table on page 27 and 28 for further information.)

***To exit from Program edit table**
---Press **List ok** <List ok> button again.

Digital Teletext

If the program you are watching broadcasts digital teletext, the DVB-T player can display teletext. The content of digital teletext varies according to the program provider. It could be pictures and sound for the program, pages of information on the programs, the weather, the news or other options.

Press **Teletext** <Teletext> button, the teletext window appear on the screen.

***To exit from teletext**
---Press **Teletext** <Teletext> button again.

Favorite PR (Favorite Program)

There are some channels that you tend to watch more often and some only occasionally. Favorite PR allows the most-watched channels to access more easily, leaving less watched channels accessible but out of way.

Press **FAV** <Favorite PR>

Fav on appears on the screen, and the favorite program is activated; by pressing PRO+ button / PRO- button, you can only step through the favorite programs. Other programs can still be accessed by entering the program number.

In Advance:
If you press **List ok** <List ok> button after the favorite program is activated, TV Favorite List will appear on the screen.

***To exit from Favorite Program**

---Press **FAV** <Favorite PR> button until Fav off appears on the screen.

Music mode

The DVB-T player provides you the convenient function to listen to the digital radio.

1 Press **Radio <TV/Radio> button to switch between TV channel and Music channel.**

Wait a few seconds, it will switch from TV mode to Music mode.

2 Press **LIST Ok to switch the Music Welcome background picture.**

There are 5 different Music Welcome background pictures for selection. Press **LIST Ok** repeatedly to circle through different Music Welcome background pictures.

***To exit from Music mode**

---Press **Radio** <TV/Radio> button again.

Parameters and specifications

Battery Parameters

Battery Specifications

1. Output 7.4V
2. Capacity 3500 mA h

Charge / Discharge Time

1. Standard charge time 4h ~ 6h
2. Standard discharge time 3h

Storage and work circumstances

1. Storage circumstances	Temperature	Humidity
6 months	-20°C ~ +45°C	65±20%
1 week	-20°C ~ +65°C	65±20%

2. Work circumstances	Temperature	Humidity
Standard charge	0°C ~ +45°C	65±20%
Standard discharge	-20°C ~ +65°C	65±20%

Maintenance and Service

- Refer to the information in this chapter before contacting a service technician.
- **Handling the unit**
- **When shipping the unit**
Please save the original shipping carton and packing materials. If you need to ship the unit, for maximum protection, re-pack the unit as it was originally packed at the factory.
- **Keeping the exterior surfaces clean**
Do not use volatile liquids such as insecticide spray near the unit. Do not leave rubber or plastic products in contact with the unit for a long period of time, since they leave marks on the surface.
- **Cleaning the unit**
To clean the player, use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents such as alcohol, benzine, or thinner, as these might damage the surface of the Unit.

Electronical parameters

Item		Standard requirement
Power requirements		: AC 100-240 V , 50/60 Hz
Dimensions (Approx.)		: 202(L)X192(W)X27.8MM
Power consumption		: <10W
Weight (Approx.)		: 1 kg
Operating humidity		: 5 % to 90 %
Output	VIDEO OUT	:1 Vp-p (75Ω)
	AUDIO OUT	:1.4 Vrms (1 KHz, 0 dB)
	Audio	:Speaker:1WX2,2XHeadphones output
Input	Video	:CVBS input:(PAL/NTSC): 1 Vp-p (75Ω)
	Audio	:2 channel : 2Vrms (1KHz 0dB)

System

Signal system	: PAL / NTSC
Frequency response	: 20Hz to 20 kHz(1dB)
Signal-to-noise ratio	:More than 80 dB (ANALOG OUT connectors only)
Dynamic range	:More than 85 dB
Accessories	:Video/Audio cable,Remote control, Stereo headphone,Rechargeable battery, Car cigarette Adapter,antenna,car Bag

 Note: Design and specifications are subject to change prior notice.

Troubleshooting tips(Common)

Before calling for service, you can check the following items on symptoms and solutions

No sound or distorted sound:

Ensure that the equipment is connected properly.
Ensure that the input settings for the TV and stereo system are proper.

No picture:

Ensure that the equipment is connected properly.
Ensure that the input setting for the TV is "video".
Ensure that the LCD is on.

No remote control:

Check the batteries are installed with the correct polarities(+&-).
The batteries are depleted: replace them with new ones.
Point the remote control unit at the remote control sensor and operate.
Remove the obstacles between the remote control unit and the remote control sensor.
Operate the remote control unit at a distance of not more than 8 meters from the remote control sensor.

No key operation(by the unit and/or the remote control) is effective:

Turn the unit off and then back to on. Alternatively, turn off the unit, disconnect the AC power cord and the re-connect it.(The player may not be operating properly due to lightning, static electricity or some other external factor.)

Battery does not work

check whether the battery is out of power or in proper connection.

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Please fill the blank with the model number
of this player for future reference

Model no.:

