

English

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GENERAL INFORMATION

This Digital Terrestrial Receiver (DTR) will take you to the new and exciting world of Digital Television. A world of crystal clear widescreen pictures, digital sound, more information and new services. All this and more on "Free to Air" Digital Television.

To make full use of your new DTR please take the time to familiarize yourself with the extensive features of the unit detailed in this User's Guide.

If you need help in setting up please call your dealer or a customer service adviser.

Main Features

- MPEG-2 digital & fully DVB-T compliant
- 1000 channels TV and Radio programmable
- 8 different favorite groups selection
- On Screen Display with 12 languages
- Fully support to 7 days Electronic Program Guide (EPG)
- Picture in Graphics (PIG) support
- 256 colors On Screen Display
- Channel search in automatic and manual
- Various channel editing function (favorite, move and lock)
- Parental control for channels
- Plug and Play installation, with an ease to use Menu System
- Software upgrades through RS232 port

Main Features










- 1 sleep timer
- Subtitle support DVB EN300743 and EBU
- Teletext support DVB EN300472 by OSD
- Support Logic Channel Number(LCN)
- Active Antenna Power supply control
- Display the detail information of the active channel with signal level & quality indication
- Support 16:9 and 4:3 TV aspect ratios, by Pan & Scan and Letter Box conversion
- NTSC/PAL Converting Automatically and Manually
- Game

GENERAL INFORMATION

RCU

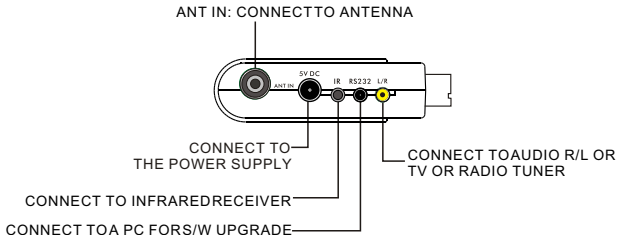


GENERAL INFORMATION

Key	Function	Key	Function
	Turns power ON/OFF of the DTR	PR+, PR-	When watching a program, change programs or move to the next higher or lower item in the menu
	When watching a program, mute the sound		When watching a program, adjust the volume or move to the left or right item in the menu
0~9	Enter number of the required menu item or select a program number to watch	EXIT	Returns to the previous menu on the menu screen or escape from the menu
TV/RADIO	Switches between TV and Radio mode	EPG	Calls up the EPG (Electronic Program Guide)
 PR	Switches back to previous program		Selects the different audio modes
FAV	Display the favorite program list	TV/AV	Switches between TV and AV modes
TXT	Switches to teletext mode		Switches to subtitle mode
AUDIO	Choose audio mode	UHF	No function
INFO	Shows information of the current program	PAUSE	Press once to pause the screen picture, press once again to go to the normal mode
MENU	Press this key one time to run menu on screen, and call command box	PAL/NTSC	Switcher between PAL and NTSC mode
 	Moves up/down a page in the program list		Enter into nine-pictures mode display on the screen
OK, LIST	Executes the selected item in the menu screen or enters the desired value in any input mode		

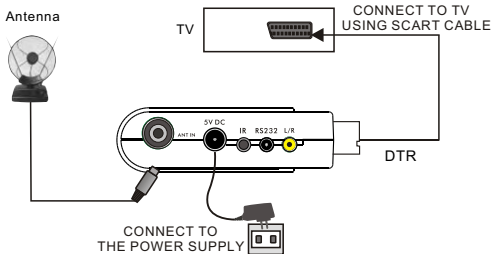
GENERAL INFORMATION

Rear Panel



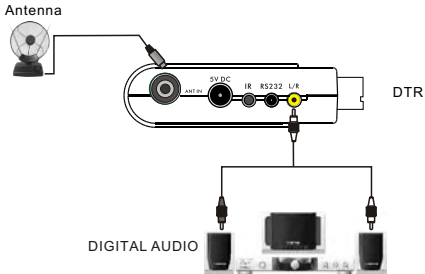
GENERAL INFORMATION

Connecting to TV using SCART support



INSTALLATION

Connecting to Digital Audio



WELCOME PAGE

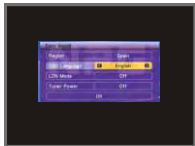
When power on first time, it will show welcome page as below.

Press [Up/Down] key to move highlight to choose your choice.

Press [Left/Right] key to move highlight to select **Region** and **OSD language**.

Move highlight to [**OK**] option and press [**enter**] key to begin to auto scan.

Press [EXIT] key to exit this menu.



MAIN MENU

When you press [MENU] key, you can enter **Main Menu**

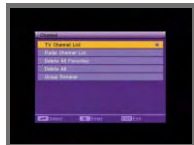
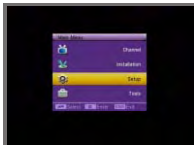
This menu consists of 4 major sub-menus as below.

- Channel
- Installation
- Setup
- Tools

1. Channel

Move highlight on Channel item and press [OK] key to enter Channel menu as below.

This menu has five sub-menus such as: **TV Channel list, Radio Channel List, Delete All Favorites, Delete All, Group Rename.**



MAIN MENU

1.1 TV Channel List

When you enter “Channel List” menu, the screen will display as below.

You can move highlight by press **[Up/Down]** key and preview the highlighted program in preview window beside the channel list.

You can press **[Page Up/Page Down]** key to implement the Page up or Page down function.



You can press **[OK]** key or **[EXIT]** key to enter full screen mode.

Press number keys **[0]~[4]** to carry out the corresponding functions that show you at the bottom of screen.

MAIN MENU

1.1.1 Edit

Pressing number key [1] can pop up the Sort drop-down list.

Pressing [Up/Down] key to move the cursor up and down. You can choose between Group1-Group8.

Pressing [OK] key will pop up a dialogue to ask whether assign channel to the group or not.

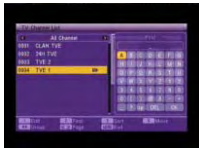
Press [OK] key at the Yes button to assign the selected channel, or press [EXIT] key to cancel the operation.



MAIN MENU

1.1.2 Find

Pressing number key [2] will enter **Find** window. Pressing [Up/Down] key or [Left/Right] key to choose the letter in right window. Move cursor to [OK] button and press, you can find the channel you want.



1.1.3 Sort

Pressing number key [3] will popup the Sort drop-down list.

Name(A-Z): The ascending order, omitting the \$ character, the number is ahead, then the capital letter, at last the lowercase.

Name (Z-A): The opposite order of the above Name (A-Z).

MAIN MENU

Free/Scramble: All FTA programs are listed ahead, while all scrambled programs are listed last.

Lock: all locked programs are listed at the last.

1.1.4 Move

Pressing number key [4], there will be a moving mark on the right of the selected channel.

Then, you can move the selected channel to the position where you want to place it by press [Up/Down] key . And press [OK] key to confirm your decision.



MAIN MENU

1.2 Radio Channel List

Basically, the operation of “Radio Channel List” is same as “TV Channel List”. But there is only one different: In “Radio Channel List” mode, there is no video information, so it always display Radio’s logo in the preview window.

1.3 Delete All Favorites

When you move highlight on this option and press [OK] key, a message box will appear and ask you to choose.

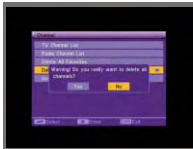
If you choose yes, it will remove all the favorite channels (include TV and Radio favorite channels) from favorite list.



MAIN MENU

1.4 Delete All

This operation is same as 1.3, but it will delete all the channels including TV channels and Radio channels.



1.5 Group Rename

When you enter "Group Rename" menu, the screen will display as below. Press [Up/Down] Keys to move the cursor up and down.

Press [OK] Key to enter Group Rename window.

The operation is the same as **1.1.2 Find**, here we don't explain any more.

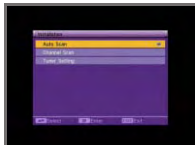


MAIN MENU

2. Installation

When you enter **Installation** menu, the screen will display on the right.

In this menu, you can press [Up/Down] key to select sub-menus and press [OK] key to enter the menu which is chosen.



2.1 Auto Scan

When you enter **Auto Scan** menu, the screen will display on the right.

In **Scan Mode** item, press [Left/Right] key to choose scans all the channels or just scans free channels.



MAIN MENU

Move the highlight on the **search** option, and press [OK] key to start scanning.

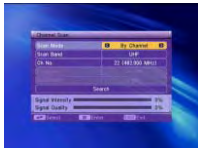
Press [EXIT] key to exit this menu.

2.2 Channel Scan

When you enter **Channel Scan**, the screen will display as beside.

There are two scan modes for you. You can choose to scan by channel or by frequency.

When scan band is UHF and region is "China", the range of Ch Number is from 13 to 61. When scan band is VHF and region is "China", the range of Ch Number is from 1 to 12. (It's according to region.)



MAIN MENU

When you complete you configure, move highlight to **search** option, and press [OK] key to start scanning.

Press [EXIT] key to exit the scanning and save the current parameters.

2.3 Tuner Setting

When you enter **Tuner Setting**, the screen will display as beside.

In **Tuner Power** item, press [Left/Right] key to choose off or on.



3. Setup

When you enter **System Setup** menu, you will see the screen like below.

MAIN MENU

It contains six sub-menus such as: **OSD Language**, **TV System**, **Region and Time**, **Timer Setting**, **OSD Setting**, **Parental Lock**.

Press [Up/Down] key to select menu among all the items.

Press [OK] key to enter the selected item.



3.1 OSD Language

When you enter **OSD Language**, the screen will display as beside.

You can press [Left/Right] key to choose OSD Language.



MAIN MENU

3.2 TV System

When you enter **TV System**, you will see the screen as beside.

1) Display Mode is used for select the screen-displaying mode. Now we provide three display mode that were Auto, PAL and NTSC. You can press [Left/Right] key to select each mode .



2) Aspect Ratio is used for switching the screen aspect ratio mode. several options: 4:3LB/4:3PS/16:9. You can press [Left/Right] key to select each mode circularly.

MAIN MENU

3) **Video Output** is used for switching the video output mode. Now we provide two modes: CVBS and RGB. You can press [Left/Right] key to choose.

4) **LCN Mode** can control the channel whether sort by the sequence information in streams. You should press [Left/Right] key to choose between On and Off.

3.3 Region and Time

When you enter Region and Time, the screen will display on the right.

1) **Region:** You can press [Left/Right] key to choose the country which you are in by the option of **Region**.



MAIN MENU

2) **GMT Usage:** This option is used to open the usage of GMT. You can press [Left/Right] key to switch “Off/User Define/By Region”.

3) **GMT Offset:** This option is able just when the **GMT Usage** mode 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.

4) **Date:** This option is able just when the **GMT Usage** mode is **Off**. You can press [OK] key to begin to setup. Then you can setup it by the number key.

5) **Time:** The operation of this option is same as **Date**.

MAIN MENU

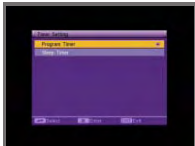
- 6) **Summer Time:** This item is able just when the **GMT Usage** mode is by **Region**. You can press [Left/Right] to choose.
- 7) **Time Display:** The item can control whether the time will display on the screen or not.
- 8) **Exit:** Press [EXIT] key to draw back from **Time** menu.

3.4 Timer Setting

When you enter **Sleep Timer** you will see the screen on the right.

Press [Up/Down] key to select menu among all the items.

Press [OK] key to enter the selected item.



MAIN MENU

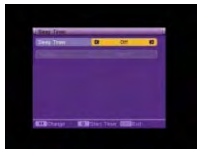
Program Timer

Sleep Timer can set the time when the system can enter standby mode automatically.

You can use [Left/Right] key to switch the parameter which offered in this item. Then press the [OK] key to active it.

After you active it, the option of **remains** will show the remaining time. This option is only used to display but not be modified.

Press [EXIT] key to exit the current menu.



MAIN MENU

3.5 OSD Setting

When you enter OSD Setting, you will see the screen on the right.

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 function 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. Press [Left/Right] key to select the values. There are five levels of the transparency: 10%, 20%, 30%, 40%, 50% and off.

MAIN MENU

- 3) **OSD Style:** You can set the style of OSD. Press [Left/Right] key to select the values. You can select between style 1 and style 2.
- 4) **Load Default OSD Setting:** You can set the Load Default OSD Setting. Press [OK]key ,the OSD transparency will turn to 10%.
- 5) Press [EXIT] key to draw back from current menu.

3.6 Parental Lock

When you choose the option of **Parental Lock** and press [OK]key, there will be a dialogue for you to input the password. The default password is 3330. If you input the correct password, you will see a screen like beside.



MAIN MENU

1) Menu Lock: Menu Lock determining that when user wish to enter “Installation” menu, whether have to input Password or not.

If the setting of “Menu Lock” is “Yes” which means user have to input password, set “No” means unlock.

2) Channel Lock: Channel Lock can set the channel which user want to lock.

3) New Password: You should use number keys to set the new password. When you enter 4 numbers, the highlight will skip to **Confirm Password** automatically. You should enter the password again to confirm it.

MAIN MENU

4. Tools

When you enter **Tools** menu, you will see the screen like below.

It contains four sub-menus such as: **Receiver Information**, **Game**, **Load Factory Default**, **Software Upgrade**.

Press [Up/Down] key to select menu among all the items.

Press [OK] key to enter the selected item.



4.1 Receiver Information

When you enter **Receiver Information** menu, you should see the screen like it displays as below.

MAIN MENU

This screen displays receiver information.

You should press [EXIT] key to cancel this menu.

4.2 Game

When you enter Game menu like beside, you will find it provides games for you to play.

When you choose game and press [OK] key to enter.

Then you can play the game which you have chosen according to the clues on the screen.



MAIN MENU

4.3 Load Factory Default

When you choose this item, and press [OK] key, there will be a message box to ask you whether you decide to continue.

If you choose **Yes**, all the parameters of this receiver will reset to the default value.

Note: Please use this function carefully.



4.4 Software Upgrade

In this function, we offer a upgrade service for users.

Press [Up/Down] key to select menu among all the items.

MAIN MENU

Press [OK] key to enter the selected item.

Press [EXIT] key to save the parameters and drawback.

4.4.1 Upgrade By RS-232

Transfer Mode: Press [Right/Left] key to select between among P2P and P2M.

Upgrade Mode: If you select the P2P mode, we provide five upgrade mode for you ALL, CODE, LOGO, COUNTRYBAN, DATABASE. Move highlight to start and press [OK] key to start upgrade.



Press [EXIT] key to save the parameters and drawback.

TROUBLE SHOOTING

Problem	Possible causes	What to do
The display on the front panel does not light up.	Main cable is not connected.	Check that the main cable is plugged into the power socket.
No sound or picture, but the front panel shows red light.	The receiver is in standby mode.	Press the standby button.
No sound or picture.	No signal or weak signal.	Check the cable connections, antenna and other equipment connected between the antenna and the receiver.
	Signal is too strong.	Connect a signal attenuator to the antenna input.
Bad picture / blocking error.	Antenna noise factor too high.	Change to an antenna with lower noise factor.
	The antenna is faulty.	Change the antenna.

TROUBLE SHOOTING

Problem	Possible causes	What to do
The picture is not displayed on the screen, when switching on.	The system is connected by RF leads.	Check the UHF channel fixed in your system and tune the UHF channel properly.
There is interference on your terrestrial program or video signal.	The system is connected by RF leads and the output program of the receiver interferes with an existing terrestrial programs or Video signal.	Change the receiver output program to a more suitable program, or connect the system by SCART leads.
The RCU is not working.	Battery exhausted.	Change the batteries.
	RCU is incorrectly aimed.	Aim RCU at the receiver, or check that nothing blocks the front panel.

Note : If you have tried all of the actions suggested above, without solving the problem, please contact your dealer or a customer service adviser.