User's Guide

FTA-Model 725i

Advanced Digital Satellite Receiver

Product name : RHINOSAT

Product use : For Reception of Free-To-Air satellite television broadcast

DIGITAL SATELLITE RECIEVER

Production Year 2006

MODEL NO : 725i

POWER : Input Voltage 90 - 250V AC @ 50Hz/60Hz±5%

The socket-outlet shall be installed near the equipment and shall be easily accessible.

This device complies with part 15 of the FCC Rules, Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

◎ Reorient or relocate the receiving antenna.
◎ Increase the separation between the equipment and receiver.
◎ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
◎ Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operated the equipment under FCC rules.

"IMPORTANT SAFETY INSTRUCTIONS", or the equivalent. The safety instructions shall include, as applicable to the particular apparatus, the information and warnings listed below:

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with a dry cloth.

7) Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use the attachments/accessories specified by the manufacturer.

12) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

This Symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitue a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructionsin the literature accompanying the appliance.

Rhinosat

QUICK START GUIDE

This quick start guide will assist you to setup your receiver within minutes.

You must read the entire user's guide to learn how to use all the unique features of the Rhinosat FTA digital satellite receiver.

- Setup:

Unpack your receiver box and plug into wall socket. Turn on the receiver and wait for opening screen to show on your TV screen. Select Installation. Then Ant. Setup.

Selecting the Ant. Setup will take you directly to the antenna setup screen where you will select the appropriate satellite for your region.

Select your antenna number

Select your Satellite

Select your LNB frequency

Select your 2nd LNB Freq. if you have one

Select no to 12 volt

Select no to 22khz tone

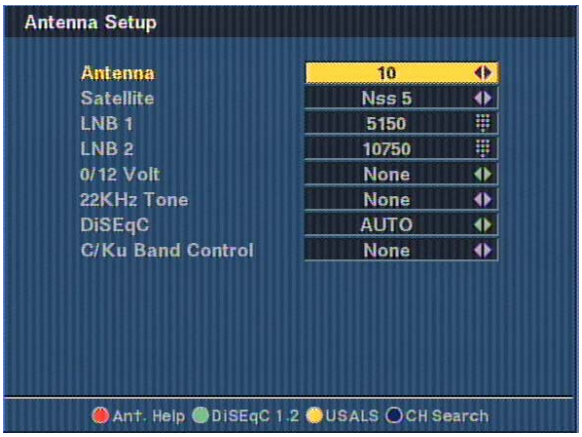
Select your DiseqC A for 1, B for 2 etc

Or Auto if you prefer

No for C/Ku Band

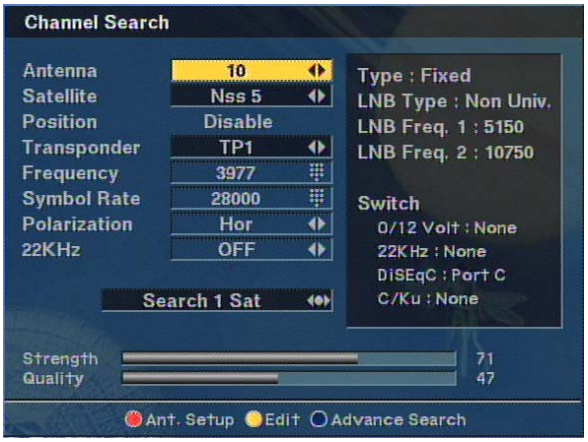
Then press the blue button (CH Search)

On your remote control



NEXT

Once you select your satellite you might Notice that the strength & quality bars are gray. This means your system is looking at a non active TP. You can not begin downloading channels If your bars are gray. You may get a Message after channel scan saying (No channels Found).



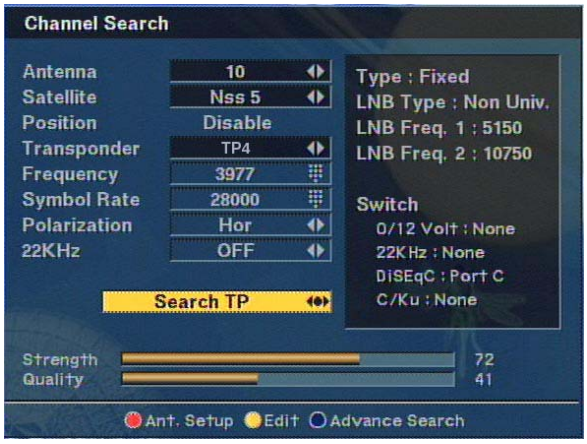
Move your yellow bar by using down arrow key to Transponder until it is highlighted with yellow.

Move the right arrow to switch TP from your first TP to the second or third or fourth TP which ever comes first with yellow bars on the strength bar and the quality bar. Meaning as you move the arrow to the right and once the S & Q bar becomes Yellow this means you have locked on the first active TP, so leave it there and do not switch any further and now you are ready to begin scanning For all free to air channels.

Then move the arrow to bottom of screen and Highlight the (Search Sat). This has three selec tions init. Search Sat or Search TP or Network Search. Push the right Arrow and select search TP.

NEXT

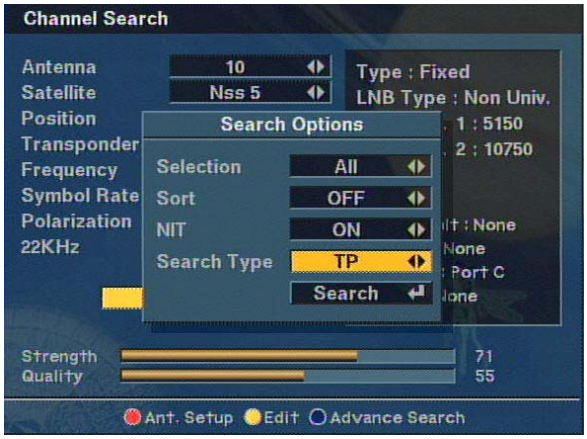
Once You moved selection to (Search TP) now Press the dark blue button on your remote Control and which appears on your screen as (Advanced Search).



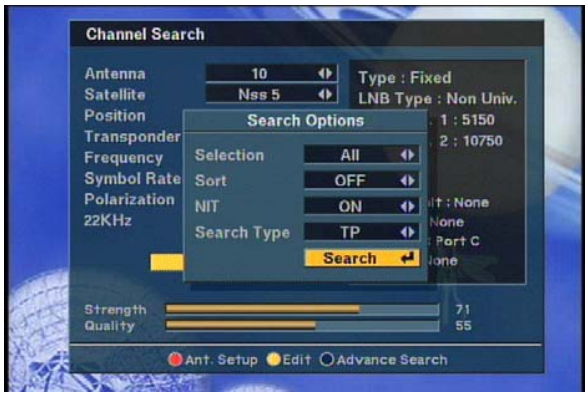
Note : Advanced Search is similar to features of Smart Search or Blind Scan.

You will now get a smaller screen with a Menu called Search options. Highlight the Fourth option on Search Type (Satellite) and Push the right arrow and change option to TP.

Once on TP , you are now ready to perform an advanced system search. The receiver is now going to search for all active transponders and download the channels accordingly.



Now move your selection to the last option At the bottom of the small sub screen and Select Search, then press OK on your remote Control. The system now will switch to the Search screen to begin channel downloading

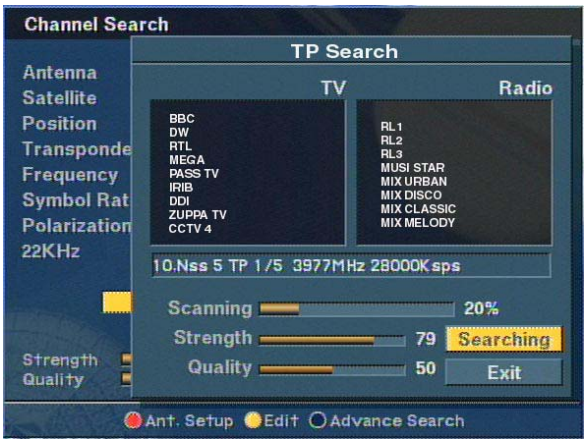


NEXT

You will immediately see the channel download Screen which is a TV/Radio list of all free to Air channels being downloaded. The first screen will look black foe few seconds until download be gins. This is a normal effect. Please wait For channel listing to show after few seconds.

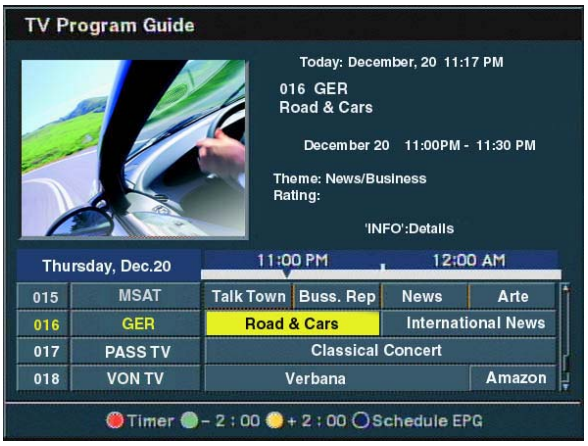
In few seconds, the download begins and the Channel names will show inside the block. Whil e system is downloading channels, you will see the yellow bar on the right saying (Searching). Once searching is complete, it will turn into (View). Please hit View and system will perform a saving data procedure then goes into the main screen to watch your television.

Depending on your software version, you may Have different download screens. One might Look like the one on the right and the other may Look like the one above. Either way, the result is The same.



Now, you can watch your free to air programs And you can also check the program listing when available by pressing EPG (Electronic Program Guide). You can get 7 day EPG if available on your satellite of choice. If you do not get EPG data This is because your satellite of choice does not Support EPG.

Do not forget to set the clock in your Rhinosat To get full EPG (program listing). Check time setting section in this manual to see details. You will not get EPG if you do not set the correct time zone in your receiver.



END

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GENERAL INFORMATION

A FTA-Model 725i is a convenient product that allows you to view a variety of programs provided through satellite. This user's guide covers the installation of the FTA-Model 725i and the necessary steps to implement various features. This also explains special features available only in this FTA-Model 725i in detail, which will allow you to make full of these features.

Main Feature

- Fully MPEG2, DVB compliant
- Fast FTA channel download
- Multi Language support
- Parental Lock
- DiSEqC 1.2 for multi-satellite (128 Satellites)
- C/Ku band control for each antenna
- Network Auto Search (Automatic search for newly added transponders)
- Multi LNB control by DiSEq 1.0
- Fast channel switching
- Built in support for Flat screen/plasma television set Y, Pr, Pb connections.
- Built in Video games
- PIG (Picture In Graphic) support
- Provide friendly and easy-to-use menu system
- Various channel editing function
  (favorite, moving, locking, renaming, deleting and sorting)
- Stores up to 5000 channels
- Easy and speedy software upgrade through RS-232 port
- Plug-and-play data transfer system (Receiver to Receiver)
- Timer function, automatically turns On/Off by setting function
  (daily, weekly, monthly and one time)
- Automatic reserved channel moving system
- Provide Electronic Program Guide (EPG)
- Antenna positioning help feature
- Digital Audio with AC-3 support by SPDIF
- More than 800 pages OSD Tele-text (DVB ETS 300 706) and Subtitle function support
- Support for various video output : CVBS, S-VHS, YUV
- 256 colors On-Screen-Display
- PAL/NTSC automatically conversion
- Last channel automatically saving

GENERAL INFORMATION

For Your Safety

This FTA-Model 725i has been manufactured to meet international safety standards. Please read all of the safety and operating instructions before operating the product. And keep all safety and operating instructions for future reference.

1. Main Supply : 90-250V AC, 50/60Hz, 30W
2. Overloading
   Do not overload a wall outlet, extension cord, or adapter as this may result in fire electric shock.

3. Liquids
   Do not expose the FTA-Model 725ito rain or moisture. The apparatus shall not be exposed to dripping or splashing water and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

4. Cleaning
   Disconnect the FTA-Model 725ifrom the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a light damp cloth for cleaning.

5. Ventilation
   The slots on top of the FTA-Model 725imust be left uncovered to allow proper airflow to the unit. Do not stand the FTA-Model 725ion soft furnishing carpets. Do not expose the FTA-Model 725ito direct sunlight or do not place it near a heater. Do not stack electronic equipments on top of the Brand Name. Keep distance about minimum 10cm from the wall when it's installed.

6. Attachments
   Do not use any attachments not recommended by product manufacturer as they may cause hazards.

7. Connection to the Satellite Dish LNB
   Disconnect the FTA-Model 725ifrom the mains before connecting or disconnecting the cable from the satellite dish. FAILURE TO DO SO CAN DAMAGE THE LNB.

8. Connection to the TV
   Disconnect the FTA-Model 725ifrom the mains before connecting or disconnecting the cable from the TV. FAILURE TO DO SO CAN DAMAGE THE TV.

9. Earthing
   The LNB cable MUST BE EARTHED to the system earth for the satellite dish. The earth system must comply with SABS 061.

10. Location
    Place the FTA-Model 725iindoor in order to prevent potential damage from lightning, rain, or direct sunlight.

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

WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN

To reduce the risk of electric shock, do not remove cover(or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury

This symbol indicates important instructions accompanying the product

GENERAL INFORMATION

Unpacking

Make sure you have received all the items in the **FTA-Model 725i**Satellite Receiver carton.

FTA-Model 725i

Remote Control Unit

User's Guide

Batteries

RCA CABLE

General Operation

Throughout this manual you will notice that the everyday operation of your FTA-Model 725i is based on a series of user friendly on screen display and menus. These menus will help you get the most from your Brand Name, guiding you through installation, channel organizing, viewing and many other functions.

All function can be carried out using the buttons on the RCU, and some of the function can also be carried out using the buttons on the front panel.

If at any time when you using the menus you want to return to the normal TV mode, press the TV/AV button.

The FTA-Model 725i is easy to use, always at your command and adaptable for future advances.

Please be aware that new software may change the functionality of the Brand Name.

In the case of your facing difficulties with the operation of your Brand Name, please consult the relevant section of this manual, including the Problem Shooting, or alternatively call your dealer or a customer service adviser.

GENERAL INFORMATION

Remote Control Unit (RCU)

Key	Function
⏻	Turns power ON/OFF of the DSR
🔇	When watching a channel, mutes the sound
0 ~ 9	Enter number of the required menu item or select a channel number to watch.
TV/RADIO	Switches between TV and Radio mode
←PR	Switches back to previous channel
FAV	Display the favorite channel list
INFO	Shows information of the current channel
MENU	Press this key one time to run menu on screen, and call command box
⏫ ⏬	Moves up / down a page in the channel list
OK, LIST	Executes the selected item in the menu screen, or enters the desired value in any input mode.
PR+, PR-	When watching a channel, change channels, or moves to the next higher or lower item in the menu.
− +	When watching a channel, adjust the volume, or move to the left or right item in menu
EXIT	Returns to the previous menu on the menu screen or escape from the menu
ALT-AUDIO	When watching a channel, switches the audio languages
EPG	Calls up the EPG (Electronic Program Guide)
L R	Selects the different audio modes.
TV/AV	Switches between TV or AV mode.
Position	Display position bar on the screen to adjust the antenna or for manual search.
⊟	Switches to subtitle and teletext mode.
UHF	Switches to UHF tuning mode
PAUSE	Press once to pause the screen picture, press once again to go to the normal mode
4:3/16:9	Selectable 4:3 letter box and 16:9 screen mode

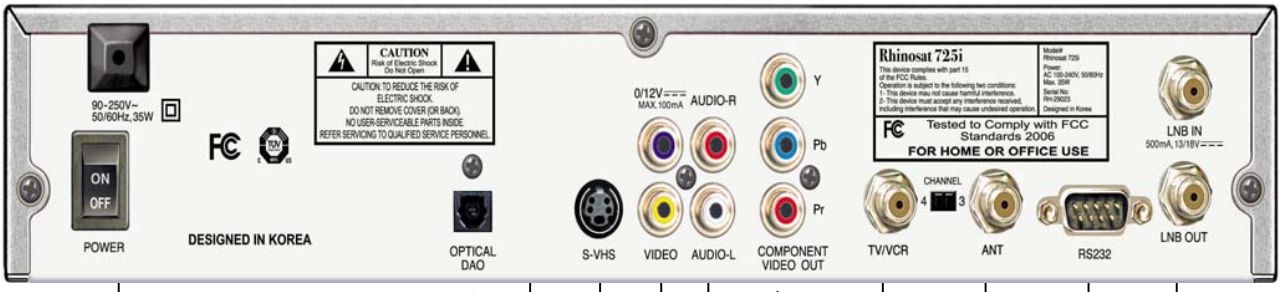
GENERAL INFORMATION

Front Panel

Key	Function
MENU	Shows the main menu and command box on the screen.
OK	Executes the selected item in the menu.
EXIT	Returns to the previous menu on the menu screen.
⏻	Turns on and off the power of the receiver.
CH	When watching, changing to the previous and next channel, or moves to the next higher or lower item in the menu.
VOL	When watching a channel, adjust the volume or move to the left or right item in the menu.

General Information

Rear Panel



POWER ON/OFF

CONNECT TO OPTICAL DIGITAL AMPLIFIER

CONNECT TO 12V TO AN EXTERNAL 0/12V SWITCH

CONNECT TO THE S-VHS JACK OF TV OR VCR

CONNECT VIDEO TO TV USING RCA JACK

CONNECT TO AUDIO R/L TO TV OR AUDIO TUNER

COMPONENT VIDEO OUT : CONNECT TO COMPONENT VIDEO INPUTS OF TV

CONNECT TO AUDIO R/L TO TV OR AUDIO TUNER

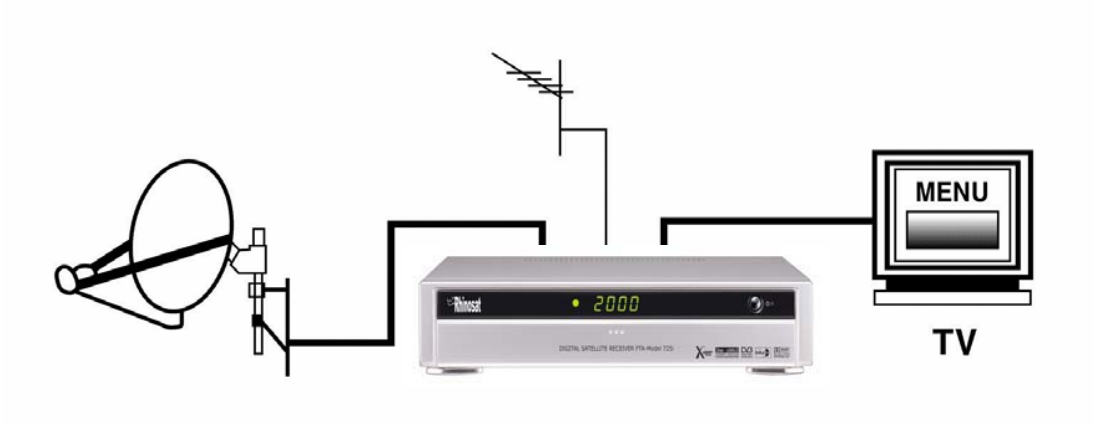
CONNECT TO A PC FOR S/W UPGRADE

LNB IN : CONNECT TO SATELLITE ANTENNA LNB OUT : CONNECT TO THE OTHER RECEIVER

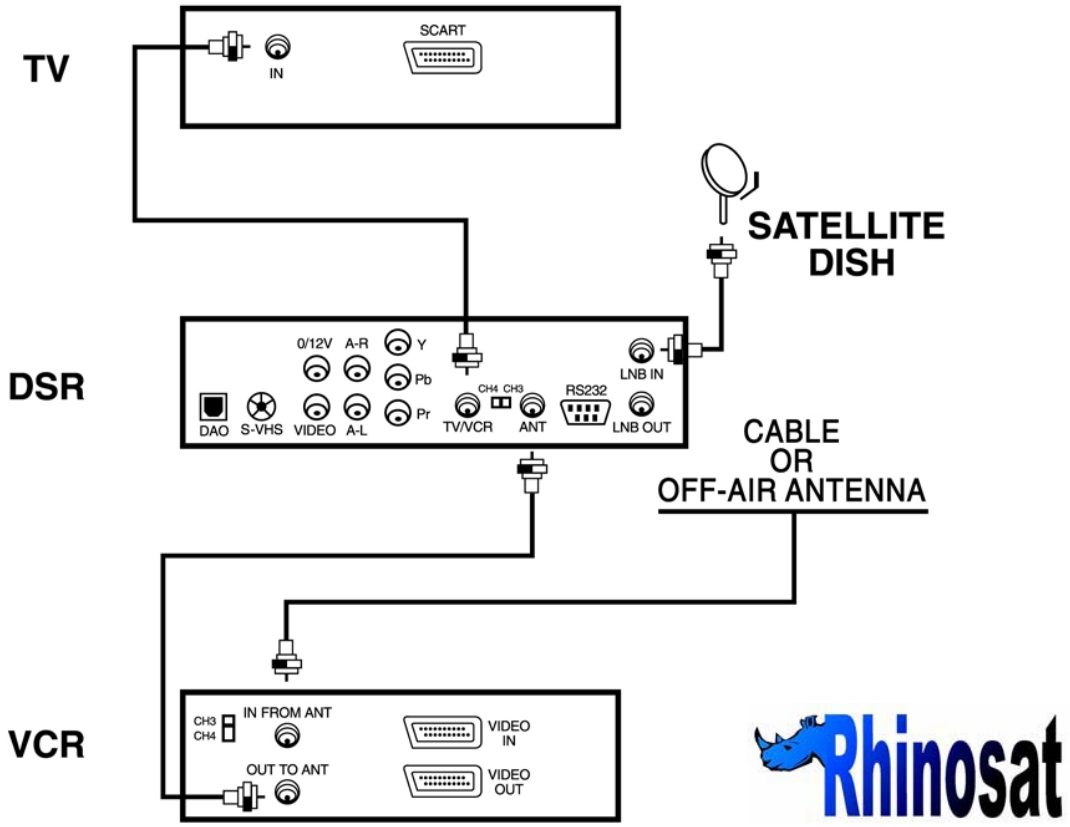
Installation

This section explains the installation of FTA-Model 725i. Refer to the manuals supplied with the equipment for the installation of outdoor equipment such as the dish antenna. When adding new equipment, be sure to refer to the related parts of the manual for the installation.

Connecting to ANTENNA & TV

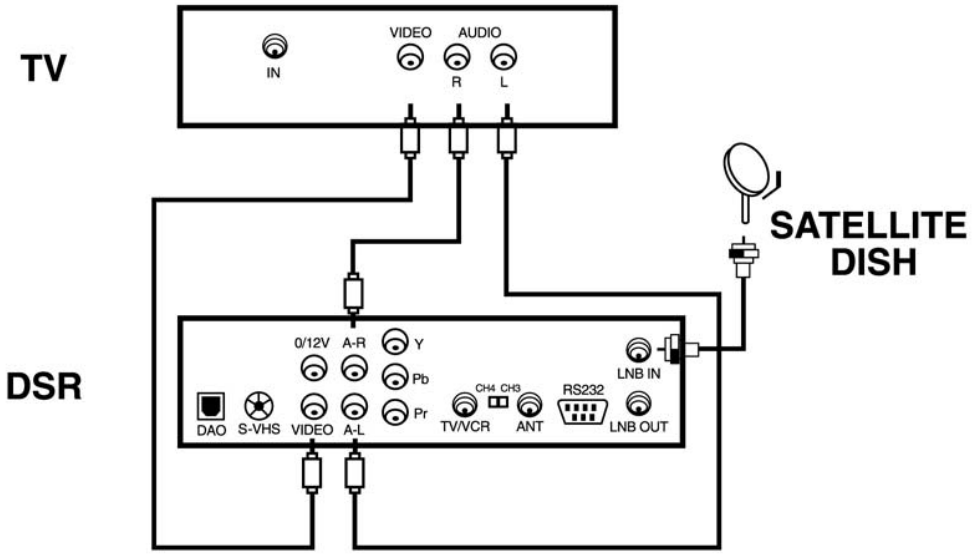


Connecting to TV using RF support

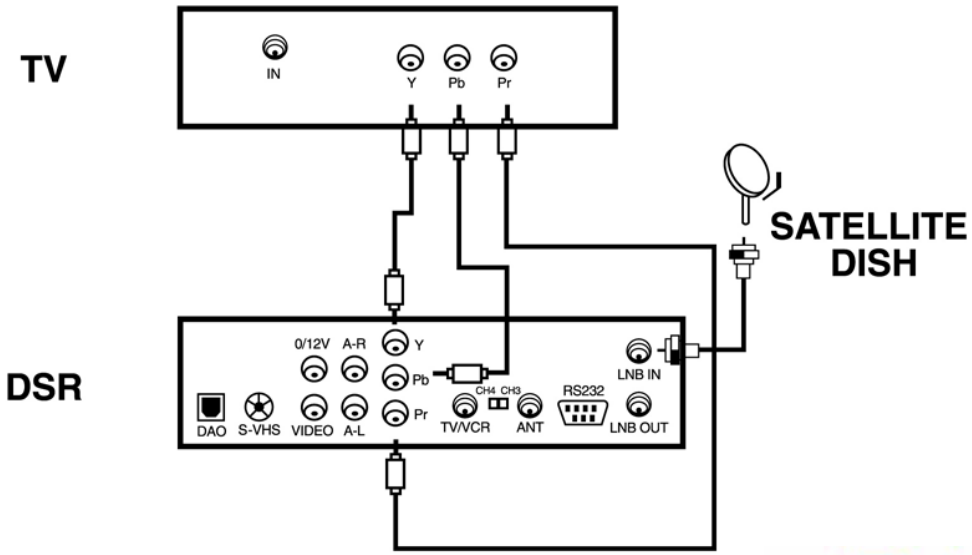


Installation

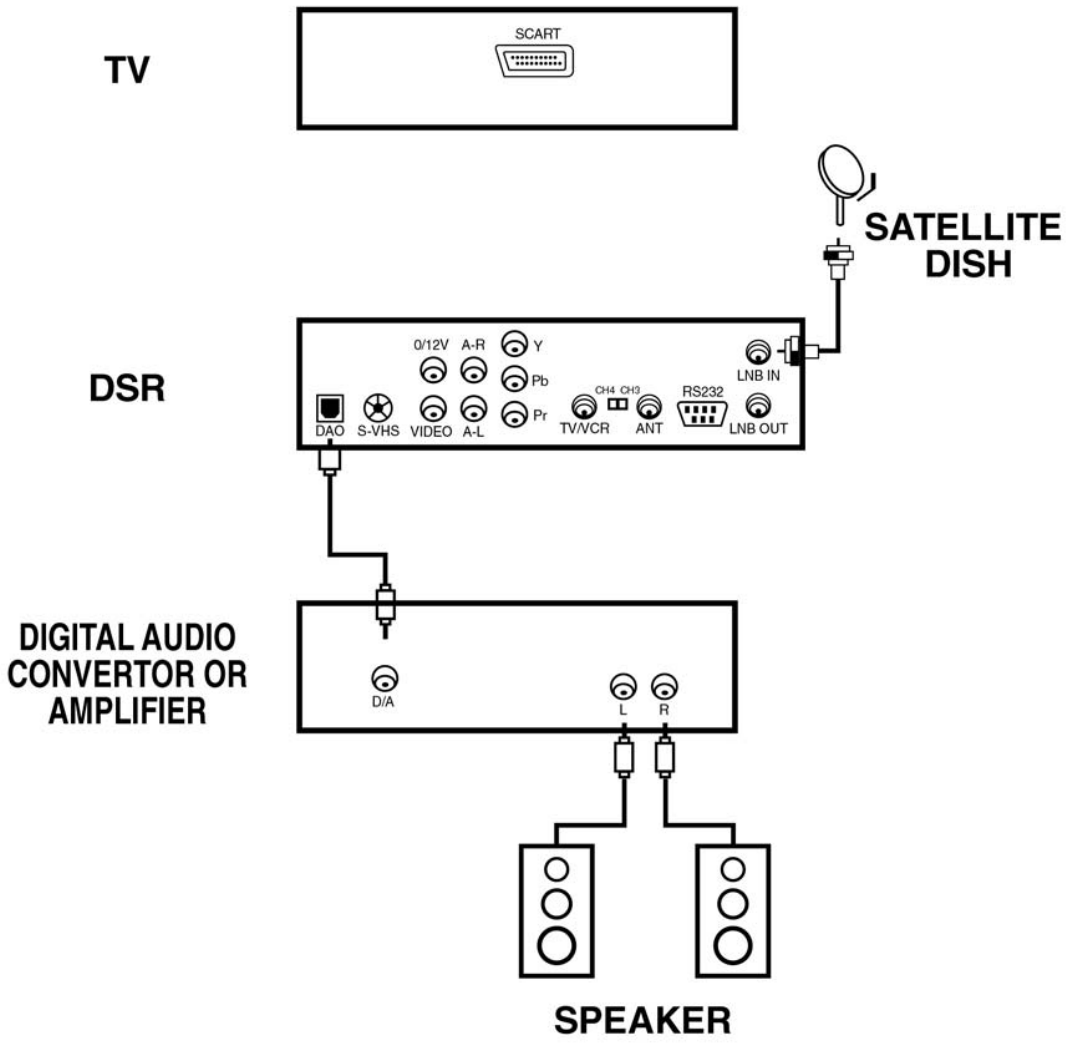
Connecting to TV using RCA support



Connecting to TV using Component support



Connecting to Digital Amplifier



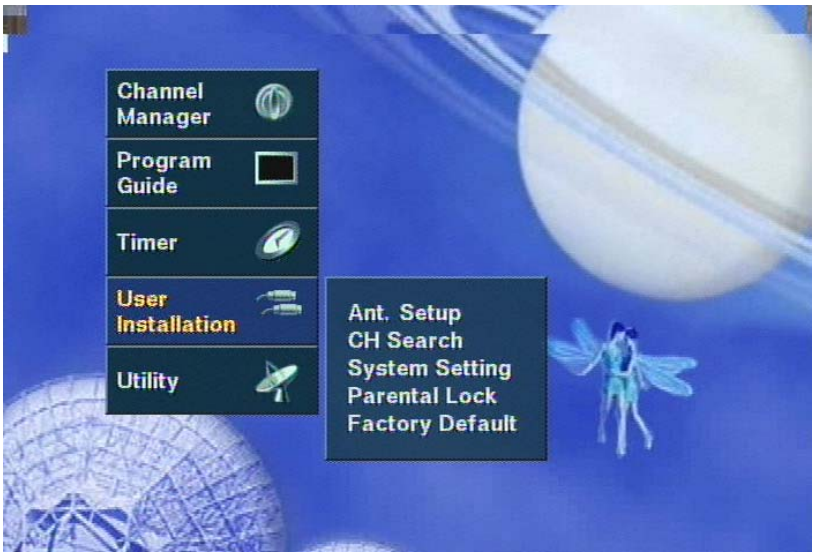
INSTALLATION WIZARD

Once you properly install and connect cables of the receiver and turn the power on, the Installation wizard will be automatically displayed as below.

You can start from this Installation wizard which enables end-users to set up the receiver from a factory default or you can push CANCEL to set up the receiver from the main page.

You can choose your preference for language and you can push NEXT to move to next step or simply push CANCEL to go to a main page.

In next page, you can set up a timer and see a full list of satellite and push NEXT to set up an Antenna set up and channel search through this installation wizard.

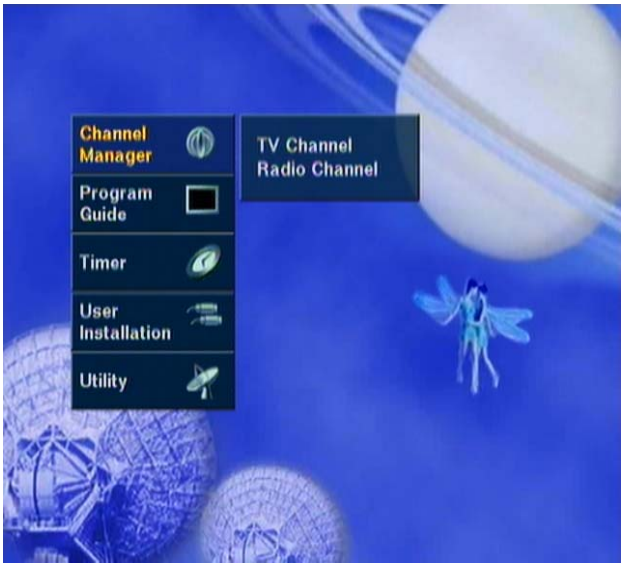


MAIN PAGE

You can set up all the necessary functions and settings for the FTA-Model 725i in this main page

The main menu has 5 sub-menus as follows.

- Channel Manager
- Program Guide
- Timer
- User Installation
- Utility

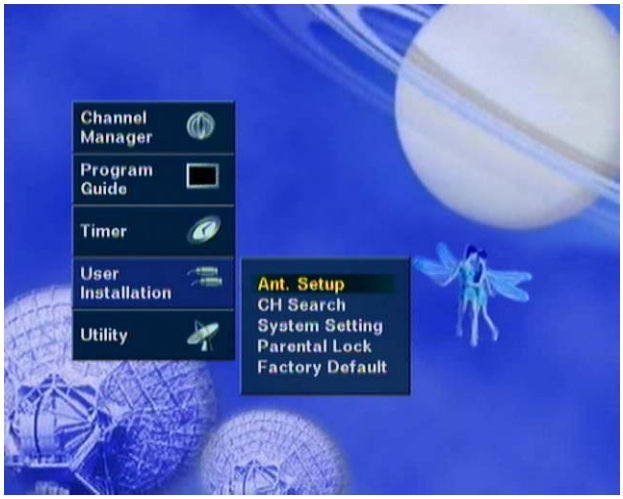


To move up and down, press “PR+ or PR-”. To move left and right, press keys on the RCU. Place cursor on the “User Installation”, then sub-menu will be displayed on the screen. (Refer to the picture)

USER INSTALLATION

This menu consists of 5 major sub-menus as below.

- **Antenna Setup**
- **Channel Search**
- **System Setting**
- **Parental Lock**
- **Factory Default**



Antenna Setup-1) DiSEqC 1.2

1)Antenna : You can select maximum 16 antennas with the combination switches.

2) Satellite : Select your preferable satellite

3) LNB1, 2

: Enter the proper LNB frequency referring to your LNB using numeric key on the RCU or use KEY PAD displayed by pressing OK key.

If you have a dual LNB, enter the proper value in the both of value box.

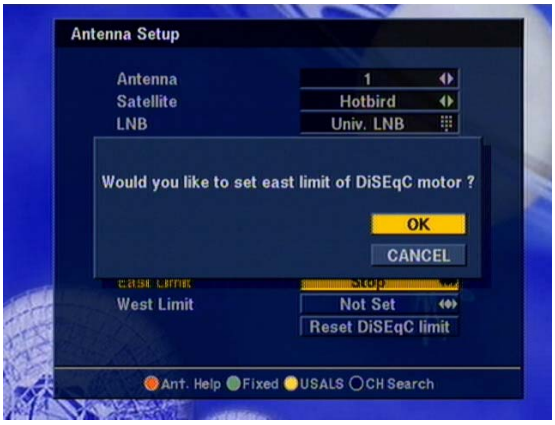
4) Switches (0/12 Volt, 22KHz Tone/ DiSEqC) : You can select the switches with which you want to configure the antenna.

5) C/Ku band control : You can select C/Ku band control by switches types.

6) East, West Limit

: Press E key on the RCU until your antenna will be reach to be easternmost and then press OK key on the RCU. The message of “Would you like to set East limit of DiSEqC motor?” will be displayed for your confirmation, please select OK button by pressing OK key on the RCU and then East limit value will be changed as SET.

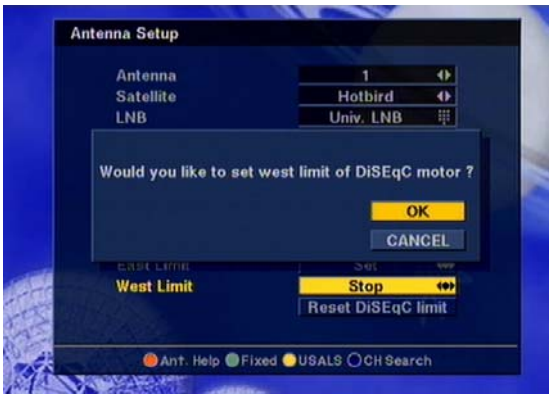
The usage of West limit is same as East limit.



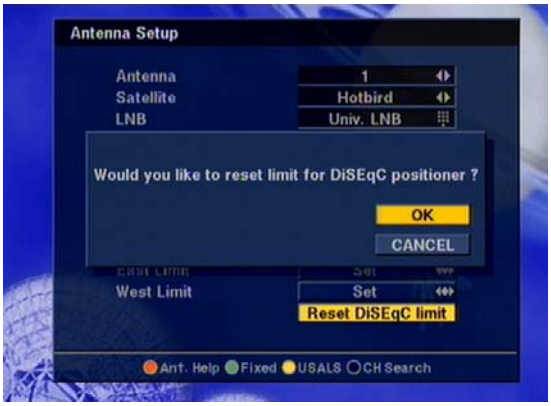
7) Reset DiSEqC limit

: If you want to reset the East limit or West limit, place a cursor on Reset DiSEqC Limit button and then press OK key on the RCU. The message of “Would you like to reset limit for DiSEqC positioner?” will be displayed for your confirmation, please select OK button by pressing OK key on the RCU.

The cursor will move to the East limit button so that you can reset the limit. After that, please reset West limit same as before.



After setting all necessaries, please push ● **CH Search** on your Remote to finish antenna setup menu and move to channel search page.

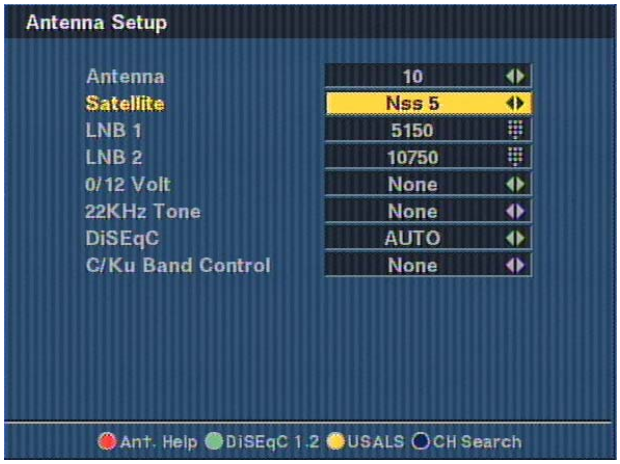


★ Short-Cut Color Keys ★

- ● **Ant.Help : Antenna set-up page**
- ● **Fixed : Fixed/ DiSEqC**
- ● **USALS : USALS function**
- ● **CH Search : Channel search page**

USER INSTALLATION

Antenna Setup-2) Fixed



1) Antenna : You can select maximum 16 antenna with the combination switches.

2) Satellite : Select your preferable satellite

3) LNB1, 2

: Enter the proper LNB frequency referring to your LNB using numeric key on the RCU or use KEY PAD displayed by pressing OK key.

If you have a dual LNB, enter the proper value in the both of value box.

4) Switches (0/12 Volt, 22KHz Tone/ DiSEqC) : You can select the switches with which you want to configure the antenna.

5) C/Ku band control : You can select C/Ku band control by switches types.

After setting all necessaries, please push ● **CH Search** on your Remote to finish antenna setup menu and move to channel search page.

Antenna Setup-3) USALS

1)Antenna : You can select maximum 16 antennas with the combination switches.

2) Satellite : Select your preferable satellite

3) LNB1, 2

: Enter the proper LNB frequency referring to your LNB using numeric key on the RCU or use KEY PAD displayed by pressing OK key.

If you have a dual LNB, enter the proper value in the both of value box.

4) Switches (0/12 Volt, 22KHz Tone, DiSEqC)

: You can select the switches with which you want to configure the antenna.

5) C/Ku band control : You can select C/Ku band control by switches types.

**** The default value is "OFF".***
**** Precondition for using USALS function.***
-> Check if the position of the antenna motor is on "0" degree.
-> Now the maximum limit of the antenna is 1 meter.

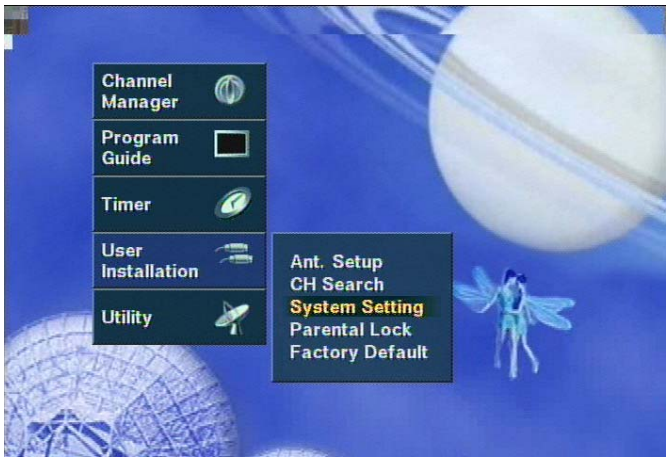
When you choose the satellite of which you want to use the USALS function, its direction and longitude will be displayed.

Input Your Longitude and Your Latitude.

(Please refer to the manual attached to the USALS Motor.)

It will search for "Satellite Location" and automatically go to the Channel Search screen.

After setting all necessaries, please press **"Go to Sat Position"** to finish USALS antenna setup menu and move to channel search page.



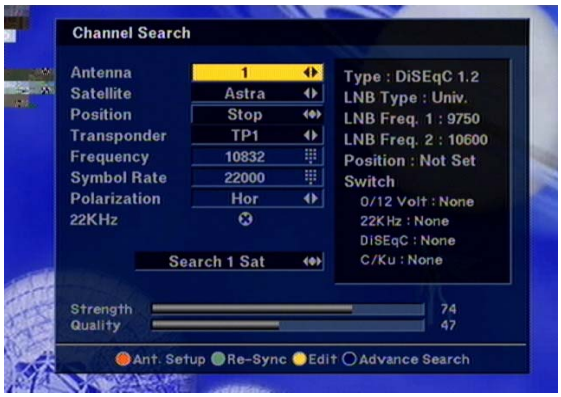
USER INSTALLATION

Channel Search-1)DiSEqC 1.2

1) Antenna : Select your antenna number.

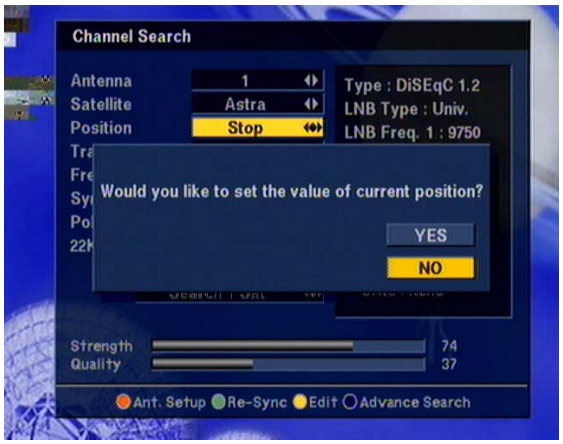
2) Satellite : Select a satellite using keys or if you press OK key. Then, the list of satellite will be displayed so that you can select easily.

You can see the information of the selected satellite in the right side.



3) Position : After selecting a satellite, please select Position button and then keep pressing E or W key on the RCU until selected satellite is locked. If the satellite is locked correctly, the white color of signal label bar will be changed to yellow.

When you press OK key on the RCU, the message of "Would you like to set the value of current positioner?" will be displayed for your confirmation.

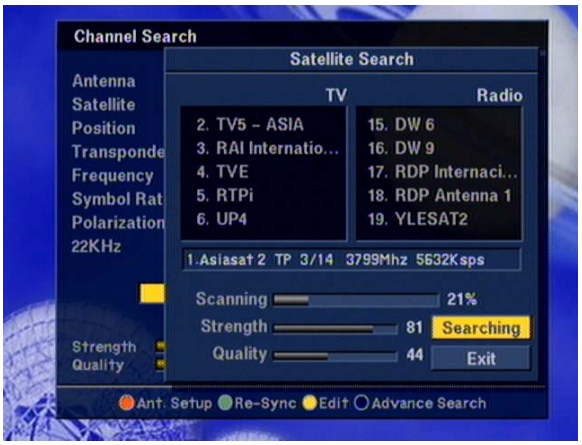


4) Transponder

: Press OK key to select one of the transponders

5) Frequency, Symbol Rate, Polarization & 22KHz

: You can press ● **Edit** key on the RCU and choose "Modify TP On/Off" to change the values in these functions.



6) ● CH Search/ Advance

★ Selection : All/ FTA Only

You can search either All channels or FTA only

★ Sort : FTA/ CAS/ A~Z/ OFF

You can search either FTA channels, Scrambled channels, A~Z or all channels.

★ NIT : On/ Off

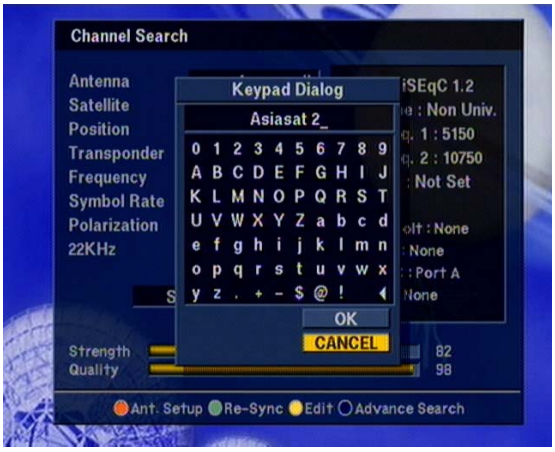
Search Channels transmitted by satellite network information table (NIT)

★ Search : SAT/ TP/ PID

1) Search channels in one satellite which selected on Satellite column.
2) Search channels in one TP which selected on TP column.
3) Search channels in one PID which selected on PID column

7) Delete TP

: You can press ● **Edit** key and select "Delete TP" to delete any of the transponders listed.



8) Rename SAT

: If you want to change the name of a satellites, select a satellite and press ● **Edit** key and choose "Rename SAT" and keypad dialog box will be displayed and then you can change the name of a satellite by using an arrow keys on the key pad.

9) Search : After all the set up for a channel search, you can press "SEARCH" to scan the channels by a satellite, TP or network.

★ Short-Cut Color Keys ★

● **Edit (Edit Mode)**:

Please press ● Edit key on the RCU to display the sub-command box and edit the pre-programmed data such as Frequency, Symbol rate, Polarization, 22KHz.

You can also use "Delete TP" & "Rename SAT" as well in this Edit Mode.

● **Re-Sync**

When all location of searched satellites are shifted by unknown reason, you can realign all of them at once if you adjust one satellite's location.

USER INSTALLATION

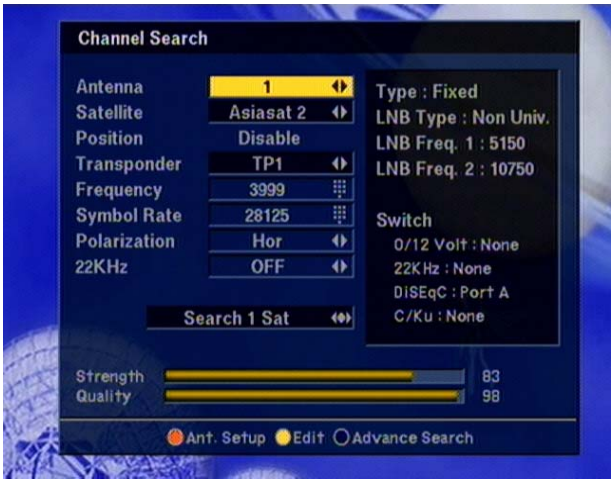
Channel Search-2) Fixed

1) Antenna : Select your antenna number.

2) Satellite : Select a desired satellite using ⊿ ⊾ keys or if you press OK key, the list of satellite will be displayed so that you can select easily.

You can see the information of selected satellite in the right side.

4) ~ 9) Please refer to DiSEqC 1.2 type antenna.



★ Short-Cut Color Keys ★

Edit (Edit Mode):

Please press Edit key on the RCU to display the sub-command box and edit the pre-programmed data such as Frequency, Symbol rate, Polarization, 22KHz.

You can also use “Delete TP” & “Rename SAT” as well in this Edit Mode.

USER INSTALLATION

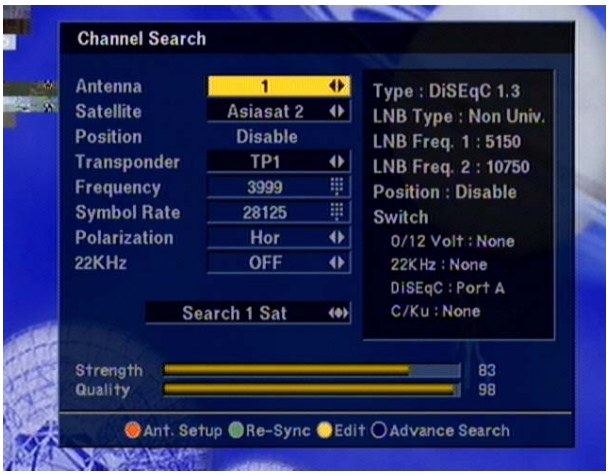
Channel Search-3) USALS

1) Antenna : Select your antenna number.

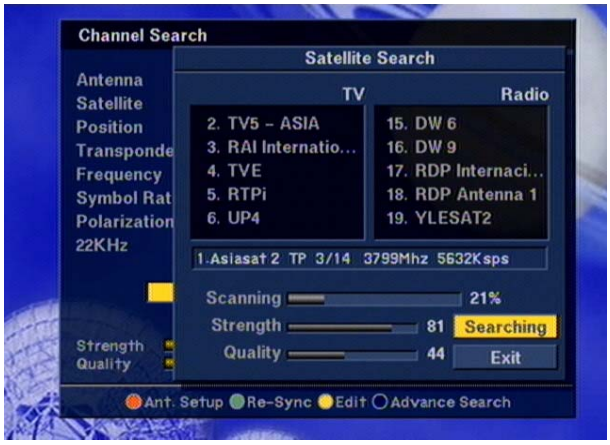
2) Satellite : Select a desired satellite using ⊿ ⊾ keys or if you press **OK** key, the list of satellite will be displayed so that you can select easily.

You can see the information of selected satellite in the right side.

4) ~ 9) Please refer to DiSEqC 1.2 type antenna.



After searching for SATELLITE 1, choose another satellite on the CHANNEL SEARCH screen. It will automatically locate the satellite and search for SIGNAL to start channel searching.



★ Short-Cut Color Keys ★

Edit (Edit Mode):

Please press Edit key on the RCU to display the sub-command box and edit the pre-programmed data such as Frequency, Symborate, Polarization, 22KHz.

You can also use “Delete TP” & “Rename SAT” as well in this Edit Mode.

Re-Sync

When all location of searched satellites are shifted by unknown reason, you can realign all of them at once if you adjust one satellite’s location.

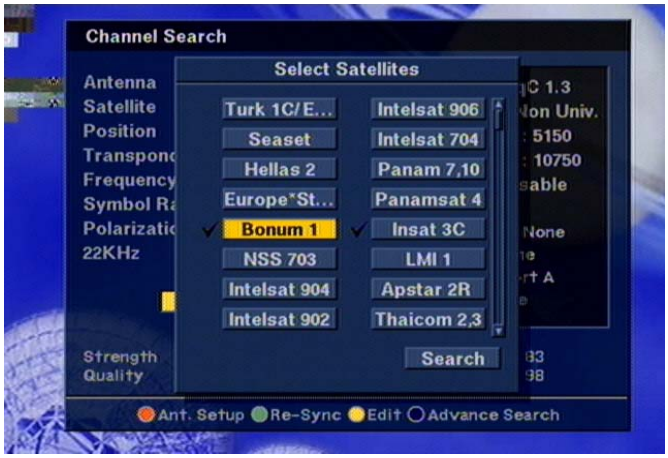
USER INSTALLATION

MultiSAT Search

FTA-Model 725i enables end users to have a multi-SAT search in each antenna type such as Fixed, DiSEqC1.2 and DiSEqC1.3.

After all the necessary antenna set-up, simply press ●CH Search/ Advance key to open a search options.

You can choose one of the options and press **SEARCH** and you are automatically moved to multi-sat search box and you can choose all the satellites you are searching for.



★ Short-Cut Color Keys ★

● **Edit (Edit Mode)**:

Please press ● Edit key on the RCU to display the sub-command box and edit the pre-programmed data such as Frequency, Symborate, Polarization, 22KHz.

You can also use “Delete TP” & “Rename SAT” as well in this Edit Mode.

● **Re-Sync**

When all location of searched satellites are shifted by unknown reason, you can realign all of them at once if you adjust one satellite’s location.

USER INSTALLATION

System Setting

System Setting menu allows you to change the principal option and to set other items proper to your environment by pressing OK key on the RCU.

1) OSD Language

Select your desired OSD Language.

2) Audio Language

Select your desired audio language to be in the top priority under the condition that this language is supported from the channel.

3) Subtitle Language

Select your desired Subtitle Language.

4) LNB power

The default value of LNB power is ON. Select Off in the case of the LNB power is not necessary.

5) Screen Format

If your TV supports 16:9 screen format and selected channel provides 16:9 format program, select 16:9.

6) TV type

Select the type according to your TV type.

7) Display Info Bar

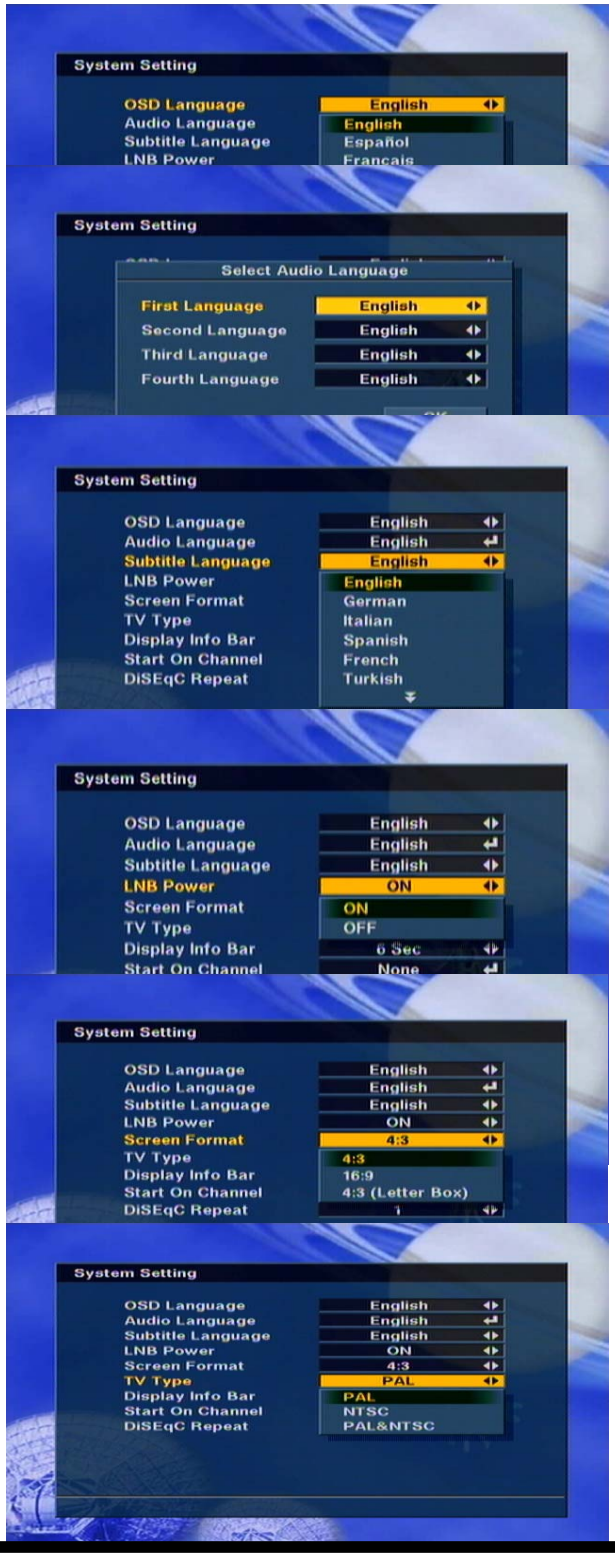
You can select the second Info Bar displayed on the screen.

8) Start On Channel

If you press **OK** key, then the channel list is displayed. You can select one channel of the list, the selected channel starts whenever you turn on FTA-Model 725i.

9) DiSEqC Repeat

Select your DiSEqC.



Parent Lock

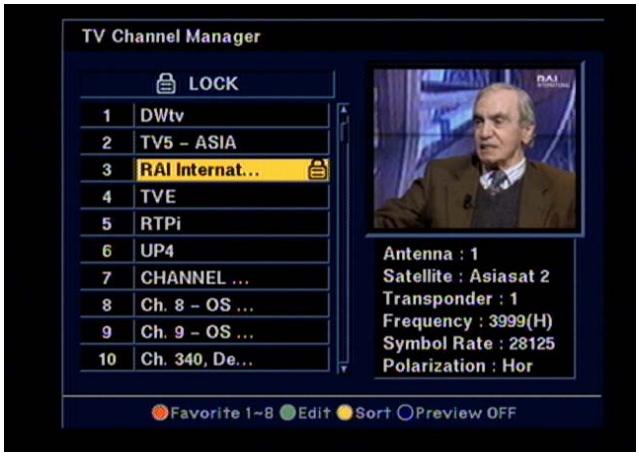
This function allows you to lock the channel with your password in order to prevent from accessing the channel by your children or any other person.

And also you can protect your installed data and information using Install Lock.

★ How to change Password

1) Enter the current password.
2) Select ON of Parent Lock.
3) Enter new password.
4) Confirm your new password entering new password again.

Note *: Default password is 0000.*
Warning *: Do not forget your password in order not to fail to view the channel.*

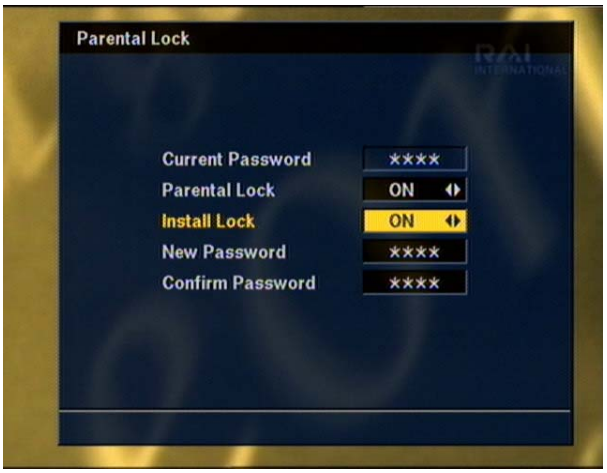


USER INSTALLATION

★ How to use Parent Lock

1) If you activate parent lock function, go to the TV channel Manager Page.
2) Press Open command box and select Lock
3) Select channel which you want to Lock
4) Press OK then 🔒 symbol is marked.
5) Exit this menu and Turn off the FTA-Model 725i

***Note** : To activate Parent Lock, you have to turn off FTA-Model 725i once. And turn on the FTA-Model 725i and select channel which is locked. Then enter your password.*



★ How to use Install Lock
1) Enter the current password.
2) Select ON of Install Lock
3) Enter new password
4) Confirm your new password entering new password again
5) Exit this menu and Turn off the FTA-Model 725i.
6) Turn on FTA-Model 725i and press MENU key on the RCU
7) Select any menu and press **OK**.
8) Then Enter Password Box will be displayed.
9) Unless enter correct password, you can not run any menu.
***Note** : Default password is 0000*
***Warning** : Do not forget your password in order not to fail to operate FTA-Model 725i*

Factory Default

If you want to bring FTA-Model 725i back to the factory default condition, select Factory Default and press **OK** key.

Then Warning message will be displayed. To confirm select OK and press **OK** key.

***Warning** : You will lose all of data and information which was installed.*

GENERAL FUNCTION

The following describes the basic functions of your FTA-Model 725i while watching satellite TV or listening to satellite radio.
FTA-Model 725i enables you to watch various scrambled channels by inserting the Smartcards according to your choice.
While watching, the current channel information will be shown on the bottom of the screen if you press INFO button on the RCU.

Select Channel

If you want to select channel, use CH key on the front panel, PR+, PR- key on the RCU or numeric key on the RCU to select a channel and press OK key on the RCU.

In addition to the above normal function, FTA-Model 725i provides more convenient channel change function.

While watching, press OK/LIST key on the RCU or front panel. Then channel list will be displayed on the screen. If press EXIT key, the channel list will be disappeared.

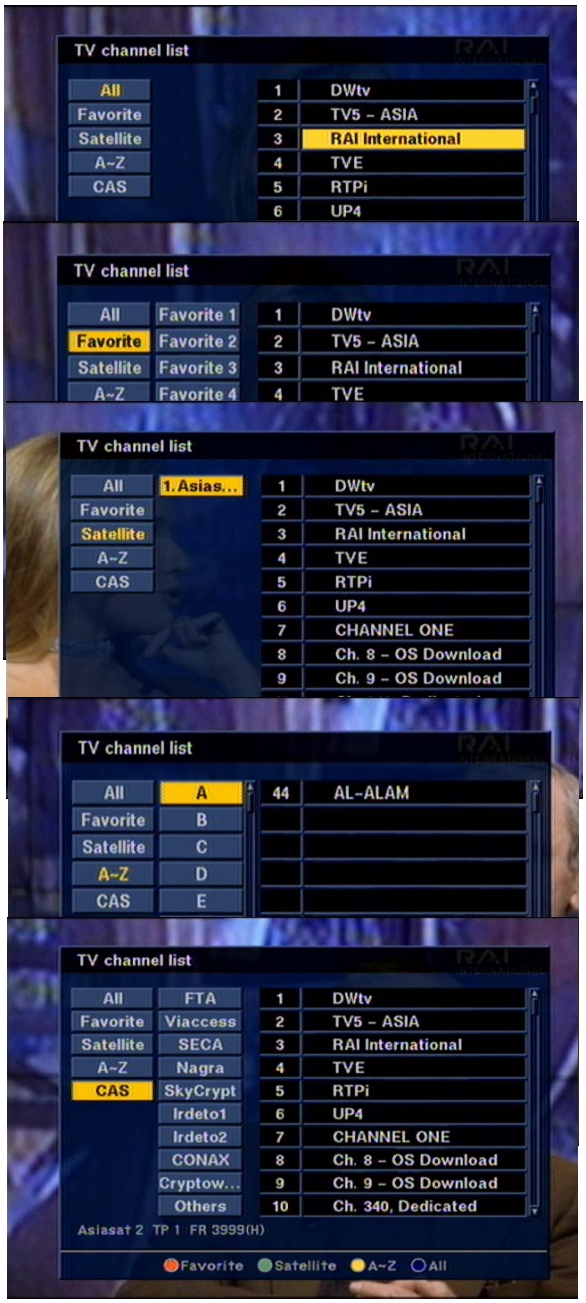
You can sort channel list by All, Favorite group, Satellite, Alphabet, CAS as follows.

1) All : It shows you all channel list sort by alphabet.

2) Favorite group : You can make favorite group in the menu of channel manager. It shows that group, and you can select one favorite group, then channel list belongs that group will be displayed.

3) Satellite : If you select 'Satellite', the list of satellite searched in FTA-Model 725i will be displayed. Then you can select satellite you want. After that, you can see channel list belongs to the satellite.

4) Alphabet : If you select A or B… channel list(head of channel name A or B…) will be displayed.



5) CAS: If you select 'CAS', you can sort the channels by CA system.

GENERAL FUNCTION

Pause the frame

Press PAUSE key on the RCU to pause the screen. To bring it back to the normal mode, press PAUSE key once again.

* Only video will be paused during PAUSE function. (Audio is active.)

Previous channel recall

Press ←PR key on the RCU to move the previous channel which you watched before.

TV & Radio switching

While viewing TV channel, press TV/RADIO key on the RCU to move radio mode. Press this key once again, it will bring you back to the TV mode..

TV & VCR mode

While viewing satellite channel, press TV/AV key on the RCU to move TV mode. Press this key once again, it will bring you to the VCR mode. To move satellite channel, press this key once again.

***Note** : In this case, you can see the current mode through LED display on the front panel.*

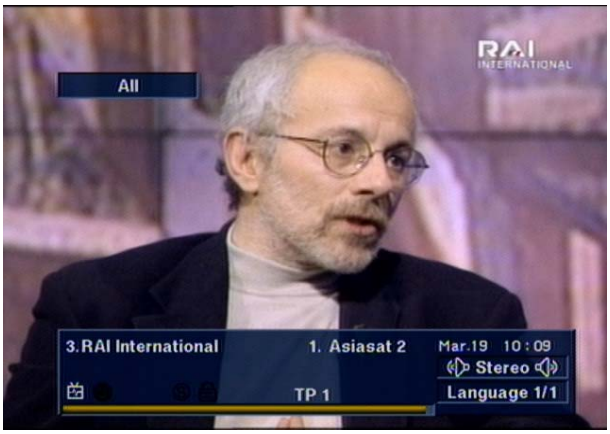
**This function will be provided with "Scart" Connector.*

GENERAL FUNCTION

Channel Information

Every time you change channels, you will receive program information for a few second.

While viewing channel, you can see the current channel information anytime, pressing INFO key on the RCU.



Note : The channel information can be displayed for 2,4,6,8,10, or 12 seconds on the screen. (You can arrange the time by the System setting menu.)

Volume & Audio Control

1) Volume Control

To increase or decrease volume, use key on the RCU or VOL on the front panel.

Note *:* FTA-Model 725i *has 18 volume levels and this shall be controlled from the adjusted volume level of your TV.*

2) Mute

To mute the sound, press button on the remote control. To bring back the normal sound condition, press key once again.

3) Audio Control

Press the key repeatedly to select one of three possible Audio settings (Left, Right and Stereo)

The current audio condition will be displayed in the channel information

4) Language Selection

Press the AUDIO key on the RCU to repeatedly select audio-language. This is dependent on the transmission of audio signal which supports Multi-language.

GENERAL FUNCTION

Position

If you need to adjust the antenna more accurately to watch a clear channel, press POSITION key on the RCU and then the position bar will be displayed. Press E or W key on the RCU to adjust for clear channel.

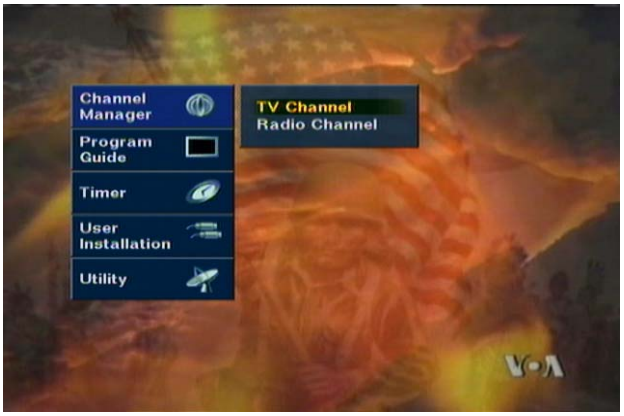
Otherwise, you can use this function for manual search instead of Auto tracking.

CHANNEL MANAGER

FTA-Model 725i provides most powerful channel managing function in the world and this function allows you to have a more interesting and useful operation as well as viewing channels simply.

Channel Manager

Channel manager consists of TV channel manager and Radio channel manager. Press OK key placing the cursor on the TV Channel.



Note :Since the usage of Radio Channel manager is same as that of TV channel manager, in this menu only TV Channel manager is explained.

In this menu you can see the channel list which FTA-Model 725i searched in the left side and in the right side, Current channel information is displayed.

Press MENU key on the RCU, then command menu will be displayed

TV channel manager has 4 short-cut color keys as below;

● FAVORITE 1 ~8

● EDIT
1. MOVE
2. LOCK
3. DELETE BY CH
4. DELETE BY TP
5. DELETE BY SAT
6. DELETE ALL
7. RENAME CH
8. RENAME FAV

● SORT
1. LOCK
2. SCRAMBLE
3. SAT NAME
4. CH NAME

● PREVIEW OFF
You can turn off the picture on the screen

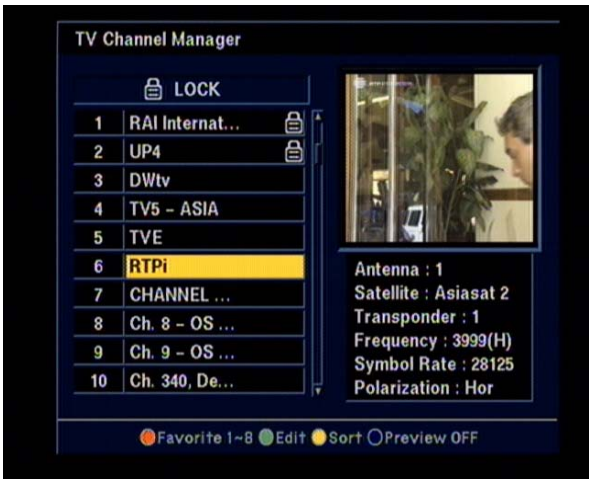
CHANNEL MANAGER

Favorite Channel

When you select channel manager, default favorite list will be shown on the screen as Favorite 1.
Select your favorite channel and then press OK key. Then ☻ will be marked at rear of your selected channel name.
And if you want to delete the channel name in the favorite channel list, press OK key once again, then the ☻ mark will be disappeared.

After the selection of favorite channels press EXIT key and press FAV key to see if each of the favorite groups are properly selected.

* ⊕ means scrambled channel.



★ How to make favorite group

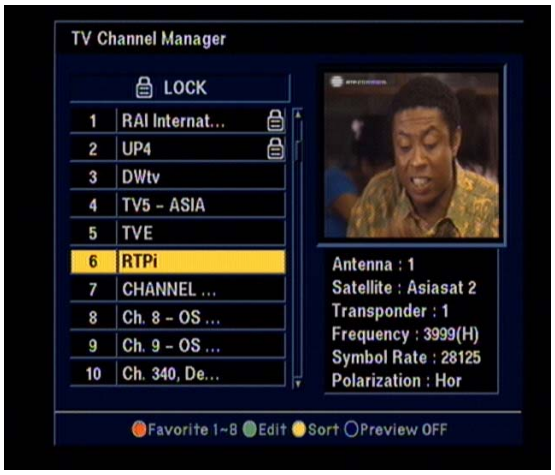
1. When you enter channel manager, the default favorite group will be shown once on the screen as Favorite 1.
2. In the channel manager page, press ● **FAVORITE 1 ~8** key and select FAVORITE, then Favorite group 1,2,3 will be displayed. After that, select group and cursor channel what you want and press ok key by group.

Move channel

In the TV channel Manager Page, press ● **Edit** key on the RCU and select MOVE in the command box.
Select a channel by pressing OK key and move the cursor to the location in which you want to move the selected channel and press OK key. Then, you will find the selected channel has moved to the desired location and channel no. also changed in order accordingly.
And check whether the channel number is changed on the channel list or not.

CHANNEL MANAGER

Lock Channel

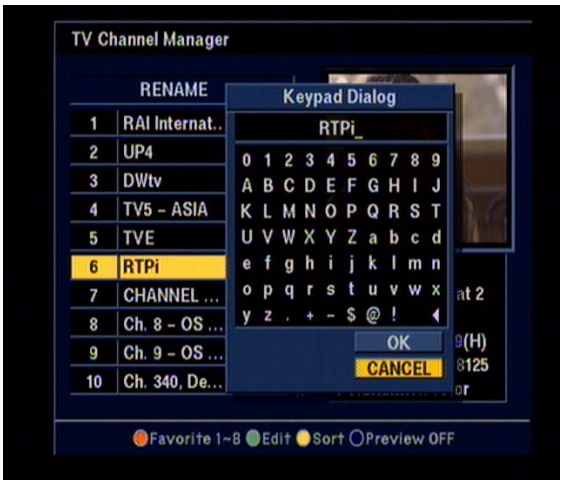


In Main Page, press ● **SORT** key on the RCU, and then select Lock on the command menu.

This Lock command allows you to lock the channel. First select the channel, which you want to lock, pressing OK key and then 🔒 will be marked at rear of your selected channel name.

Note : To perform this function, you should set up the Parent Lock which is explained after.

Rename Channel



In Main Page, press ● **Edit** key on the RCU, and then select Rename CH on the command menu.

This Rename CH command allows you to rename the channel. First select the channel, which you want to lock, pressing OK key and then Keypad Dialog Box will be displayed. Edit your desired name entering word or number.
(If you select ◄, it deletes the previous word)

And check whether the channel name is changed on channel list.

CHANNEL MANAGER

Delete channel

In Main Page, press ● **Edit** key on the RCU, and then select Delete on the command menu.

This Delete command allows you to delete the channel permanently. First select the channels, which you want to delete, then selected channel number will be changed to X If you cancel the selection, press OK key again, then the number will be back as it was

If you decided to delete, press EXIT key and then Message box will be displayed. Press OK to delete.

And check whether the channel number is changed exiting on channel list.

***Warning** : The deleted channel can not be recovered unless you search again. Please be careful when you decide to delete channel.*

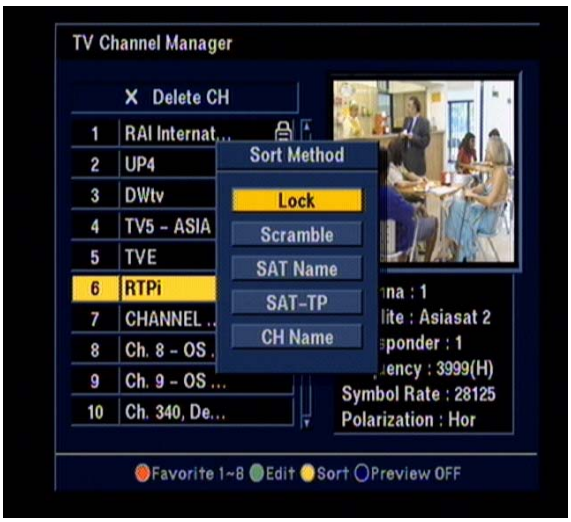
Sort Method

In Main Page, press ● **SORT** key on the RCU, and Sort Method will be displayed.

This Sort method has 4 sub commands and it allows you to sort the channels as provided.

You can sort the channels by Lock, Scramble, SAT name and CH name.
Place the cursor on your desired line, and then press OK key.

And check whether the channels are sorted exiting on the channel list.



***Note** : Radio Channel Manager is same operation as TV channel Manager.*

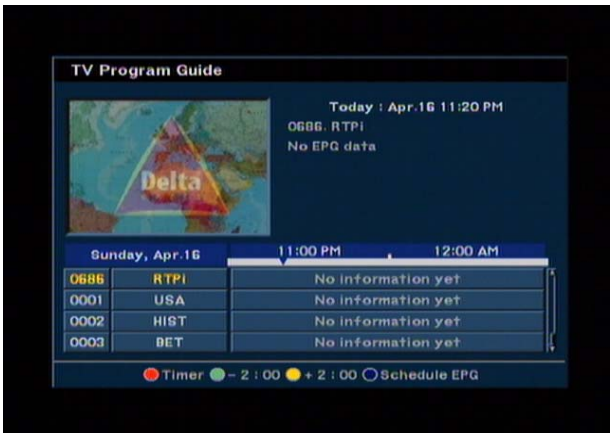
ELECTRONIC PROGRAM GUIDE (EPG)

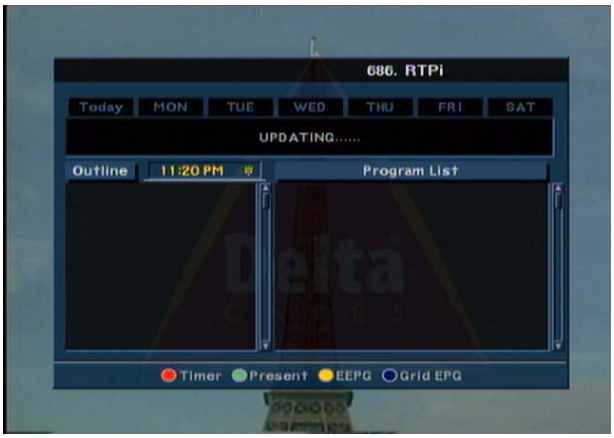
FTA-Model 725i provides EPG function for you to get access to the TV Guide (or Radio Guide if you are listening to radio channels) which will give the titles of the current and next programs on different channels. The information is only available from the network to which the channel you are watching belongs.

Press EPG key on your RCU or select Program Guide in the Main Page

Two different types of EPG available, which is GRID EPG and SCHEDULE EPG

.





***GRID EPG**

You can see the channel list in the left side and Program schedule for selected channel will be displayed in the right side. The time will be displayed relating to the program schedule.

Select one channel and placing the "▼" mark on the time of Program name which detail information you want to know. Then you can see the program details in information box.

Note : A 'No data available" message will be shown if the selected channel does not provide EPG date.

EEPG FUNCTION will work on DISHNET PACKAGE.

***SCHEDULE EPG**

If you press ● Schedule EPG Key on RCU. , then "Attention Dialog" box will be appeared on the screen. After receiving EPG data, it will move to SCHEDULE EPG page. Then EPG schedule for 2 days will be updated .

If you press ● EEPG key on RUC in SCHEDULE EPG PAGE, "Attention Dialog" box will be appeared on the screen. Then EPG schedule for 7 days will be updated .

TIMER

The “TIMER” function allows you program the timer with various ways. This function is one of the strong point of FTA-Model 725i

To activate the “Turn on time” and/or “Turn Off the time”, Select YES and enter your desired time.

Note : The FTA-Model 725i display the time which is given by Satellite, so it may be a some differences between actual time and FTA-Model 725i’s time.

Time Adjust

To activate the “Turn on time” and/or “Turn Off the time”, select YES and enter your desired time.

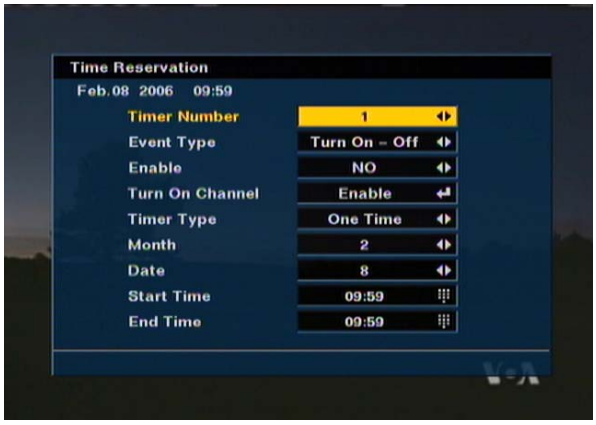
And you can also select channel which will be turn on or turn off.

Note *: Easy timer is default for the first time.*

Time Reservation

Time Reservation allows you to program the various timer function.

You can set the timer daily, weekly, monthly and yearly



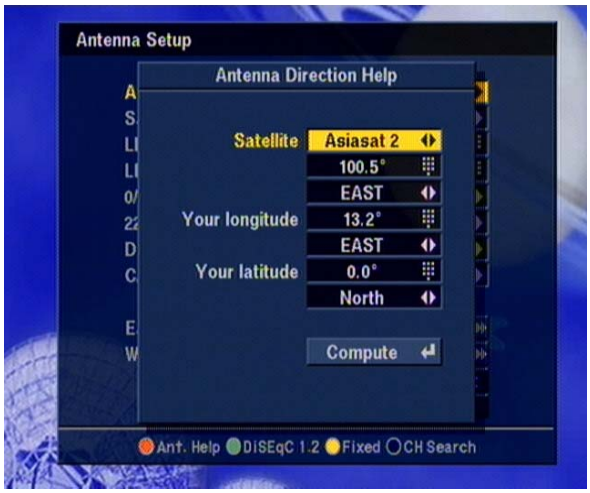
ANTENNA DIRECTION HELP

Although you entered correct value in Antenna Set up menu, if your antenna is positioned incorrectly, you could not receive signal form the Satellite.

So FTA-Model 725i provides Antenna Direction Help in order for you to have exact information for the pointing of your antenna.

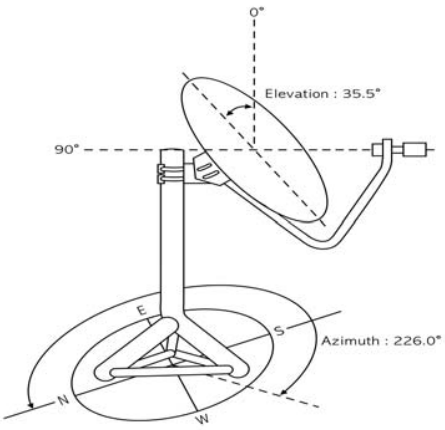
First select your desired Satellite name and then the location of selected satellite will be displayed. In case of that the location of the satellite is changed, you can re-set up the new location.

Second, enter the value of Longitude and Latitude of your location.



If you entered correct value of your position, place your cursor on Compute and press OK key.

Then FTA-Model 725i show the exact information of antenna pointing.



GAME

GAME

FTA-Model 725i provides you with three different

types of very exciting video games.

The video games are simply available at

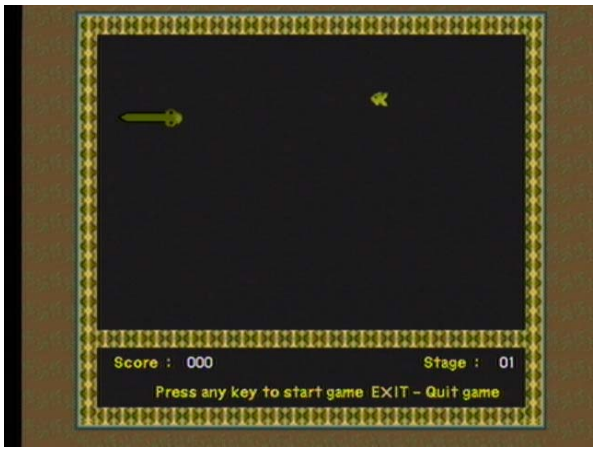
the sub-menu of the main menu "Utility".

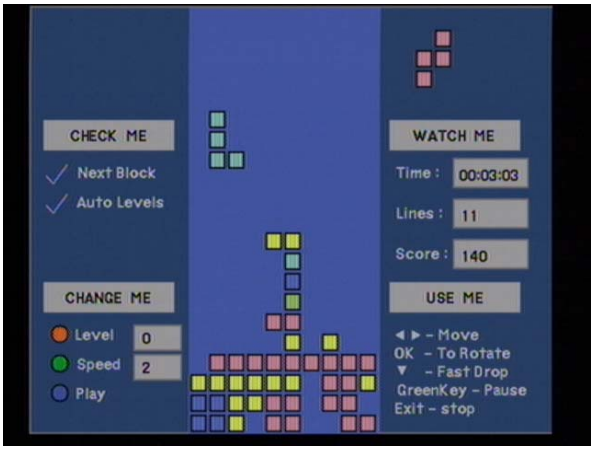
The available games are,

1) SNAKE

2) MINE SWEEPER

3) CRAZY TETRIS





RECEIVER INFO & FRONT PANEL DISPLAY

Receiver Information

In the Receiver Information, you can show the information of the product, its version and contact point of supplier. If you have a problem on this products and any question, please feel free to contact the supplier which contact point is mentioned in this Receiver Information.

Front Panel Display

: UP LOAD PROCEDURE

: DOWN LOAD PROCEDURE

: ERROR IN DATA TRANSMITTING

: TV MODE

: VCR MODE

: SYSTEM WAITTING

: FLASH ROM ERROR

: SYSTEM BOOTING

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 FTA-Model 725i is in standby mode.	Press the standby button.
No sound or picture.	The satellite dish is not pointing at the satellite.	Adjust the dish. Check the signal level in the Antenna Setup menu.
	No signal or weak signal.	Check the cable connections, LNB and other equipment connected between the LNB and the receiver, or adjust the dish.
Bad picture / blocking error.	The satellite dish is not pointing at the satellite.	Adjust the dish.
	Signal is too strong.	Connect a signal attenuator to the LNB input.
	Satellite dish is too small.	Change to a larger dish.
	LNB noise factor too high.	Change to an LNB with lower noise factor.
	The LNB is faulty.	Change the LNB.

TROUBLE SHOOTING

Problem	Possible causes	What to do
No Welcome Menu on the screen after you switched on the FTA-Model 725i for the first time.	The system is connected by SCART leads and TV is not in AV/EXT mode.	If the system is connected by SCART leads, switch the TV to the appropriate AV input.
	The system is connected by RF leads.	Check the UHF channel fixed in your system and tune the UHF channel properly..
There is interface on your digital satellite channels, an existing terrestrial channel or video signal.	The system is connected by RF leads and the output channel of the FTA-Model 725i interferes with an existing terrestrial channels or Video signal.	Change the FTA-Model 725i output channel to a more suitable channel, or connect the system by SCART leads.
The RCU is not working.	Battery exhausted.	Change the batteries.
	RCU is incorrectly aimed.	Aim RCU at FTA-Model 725i, 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 service provider.

SYSTEM SPECIFICATION

1) SYSTEM CAPACITY
Fully MPEG2, DVB complaint

2) DEMODULATION

QPSK demodulation and FEC decoding

Symbol rate (Rs) 2 < Rs < 45 Mbaud

3) VIDEO DECODER

MPEG-2 Main Profile @ Main Level With Letter Box filter

Data rate up to 15Mbits/s

Video Formats 4:3, 16:9

4) AUDIO DECODER

MPEG-1 layer I and II, Musicam

Stereo Channel, Dual Mono, Joint Stereo Channel, Mono

5) PROCESSOR RESSOURCES

Processor SGS-Thomson Sti5518

SDRAM 8 Mbyte

Flash 2 Mbyte

6) LNB INPUT

Connector 2 x F-Type, 3/8-32UNEF-2A (1 Input / 1 Loop through)

Input Frequency 950 to 2150 Mhz

LNB Supply 13.5±0.5V / 18.5±0.7V, max.500mA

Band Switch Control 22 KHz

7) Component Outputs (YUV)

Connector type : 3 x RCA (Y Pb Pr)

Output impedance 75Ω unbalanced

8) S-VHS Output

Video format Y,C

Output impedance 75W unbalanced

SYSTEM SPECIFICATION

9) VIDEO OUTPUT/ AUDIO OUTPUT

Connector one RCA/ Connector two RCA (L/R)

10) Digital Audio Output

Connector type 1 x Optic

Sampling frequency rate 32 , 44.1 or 48khz

11) RF MODULATOR

Connector two IEC(M/F)

RF Output Signal NTSC M

Video Carrier Frequency 61.25 ± 90 ㎑ US 3 CH

67.25 ± 90 ㎑ US 4 CH

12) RS232 SERIAL DATA PORT

Connector 9 pin DB9(M)

Data protocol RS232C interface

13) POWER SUPPLY

Type Switching mode

Input Voltage 90 - 250V AC @ 50Hz/60Hz±5%

Norminal Power Consumption 27W

14) CONNECTORS

1 LNB Input / 1 Loop through output (2F-type : IEC169-24)

1 x 0/12 Volt (RCA)

2 x Audio L/R (RCA)

1 x CVBS (RCA)

3 x YUV (RCA)

1 x RS-232 (9-pin D-sub male)

1 x RF Modulator (2F-type : IEC169-24)

1 x S-VHS (4-pin Mini-Din)

1 x Digital Audio Output (optic)

Thank you for purchasing

Rhinosat

FTA-Model 725i

Advanced Digital Satellite Receiver

DESIGNED IN KOREA