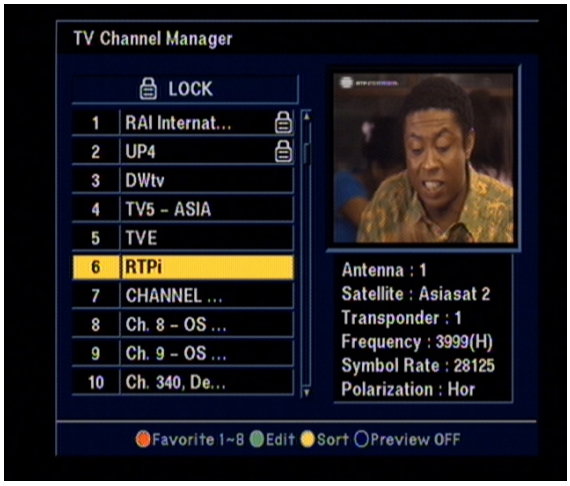
CHANNEL MANAGER

Lock Channel

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

This Lock command allow 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.

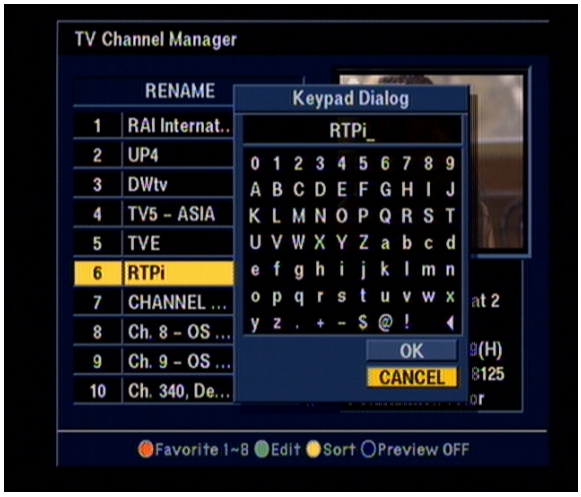


Rename Channel

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

This Rename CH command allow 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

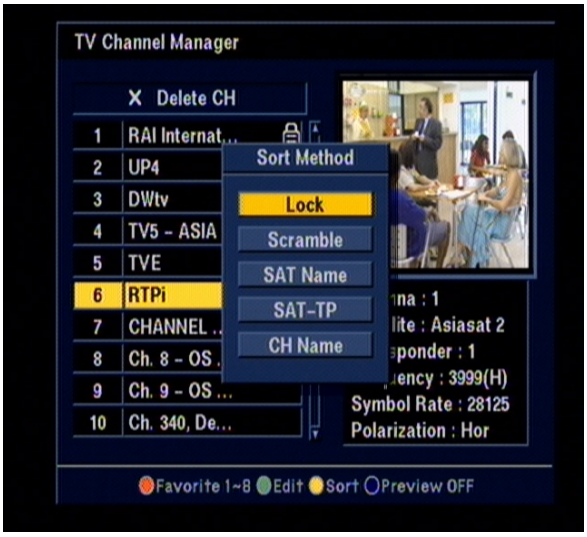
In Main Page, press ● **SORT** key on the RCU, and Sort Method will be displayed.

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

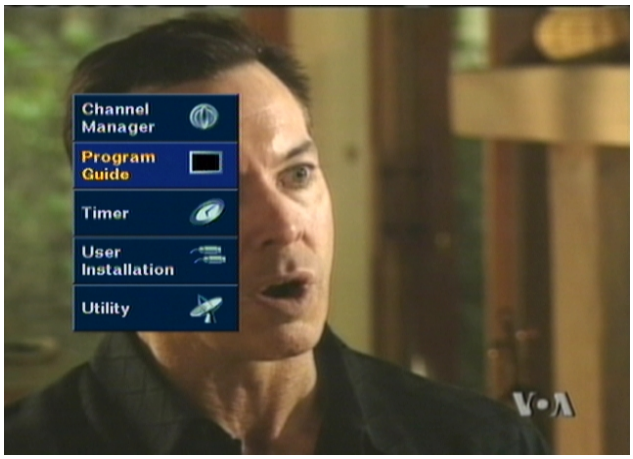
You can sort the channels by Lock, Scramble, SAT name and CH name.
Place the cursor on your desired line, and then press OK key.

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

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

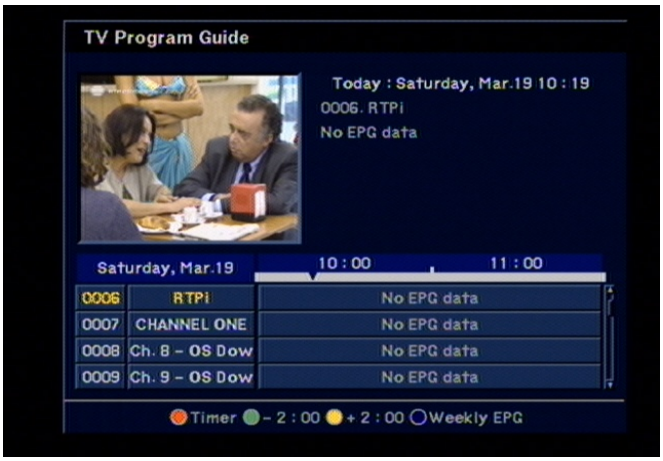


ELECTRONIC PROGRAM GUIDE (EPG)



XTC 5000 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 Weekly 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 changes blue color. And press OK key, then detail information box will be displayed.

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

TIMER

The “TIMER” function allows you program the timer with various ways. This function is one of the strong point of XTC 5000

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

Note : The XTC 5000 display the time which is given by Satellite, so it may be a some differences between actual time and XTC 5000 ’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

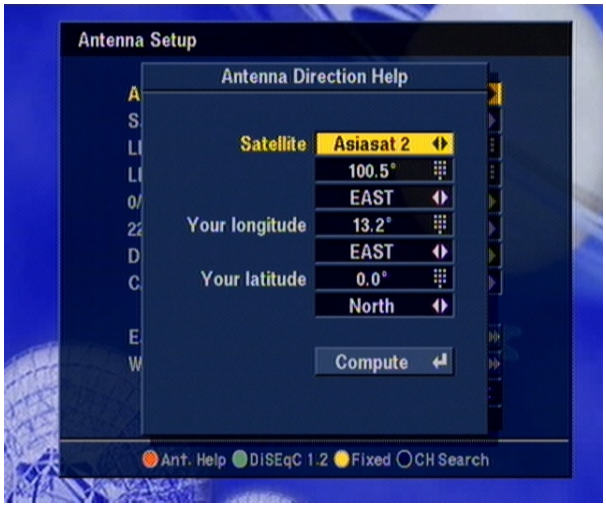
ANTENNA DIRECTION HELP

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 XTC 5000 provides Antenna Direction Help in order for you to have exact information for the pointing of your antenna.

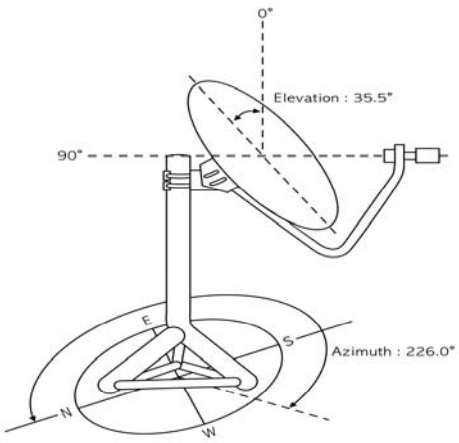
First select your desired Satellite name and then the location of selected satellite will be displayed. In case of that the location of the satellite is changed, you can re-set up the new location.

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



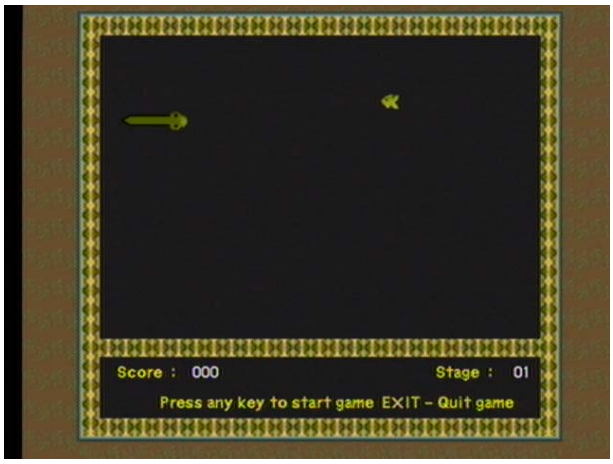
If you entered correct value of your position, place your cursor on Compute and press OK key.

Then XTC 5000 show the exact information of antenna pointing.



GAME

GAME

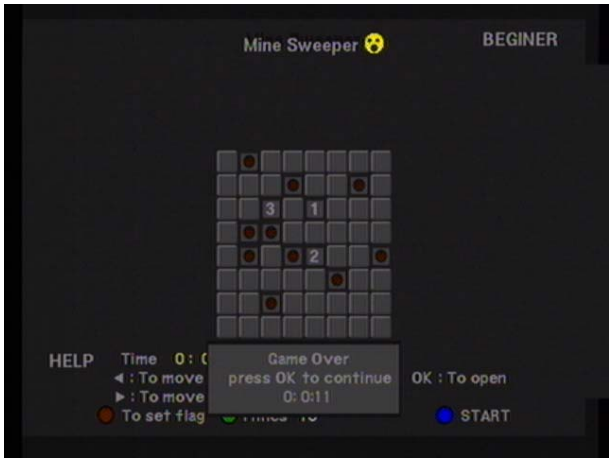


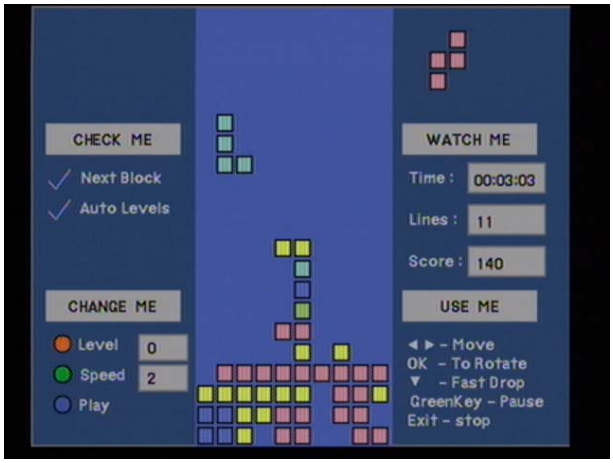
XTC 5000 provides you with three different types of very exciting video games.

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

: VCR MODE

: DOWN LOAD PROCEDURE

: SYSTEM WAITTING

: ERROR IN DATA TRANSMITTING

: FLASH ROM ERROR

: TV MODE

: 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 XTC 5000 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 XTC 5000 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 XTC 5000 interferes with an existing terrestrial channels or Video signal.	Change the XTC 5000 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 XTC 5000, 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)