SATLINK

WS-7009

USER'S MANUAL

Table of contents

1 GUIDE 2
1.1 IMPORTANT SAFETY INSTRUCTIONS 2
1.2 UNPACKING EQUIPMENT 3
1.3 PRODUCT OVERVIEW & ILLUSTRATION 4
1.4 INSTALLATION OF METE 7
2 OUTLINE 7
3. THE MENU OSD INSTRUCTION 8
3.1 DVB-S2 8
3.1.1 Quick Search 9
3.1.1.1 Satellite 9
3.1.1.2 LNB type 10
3.1.1.3 LOW FREQ / HIGH FREQ 10
3.1.1.4 TP Num 10
3.1.1.5 Frequency 10
3.1.1.6 Symbrate 10
3.1.1.7 Pol 10
3.1.1.8 Network Search 10
3.1.1.9 LNB Power 11
3.1.1.10 LNB 22KHZ 11
3.1.1.11 DiSEqC type 11
3.1.1.12 DiSEqC input 11
3.1.1.13 Motor 11
3.1.0.1 QUICK SEARCH 11
3.1.2 Tp Manager 13
3.2DVB-T2 14
3.2.1Quick Search 11
3.2.1.1 Country 15

3.2.1.2 Channel 15
3.2.1.3 Frequency 15
3.2.1.4 Bandwidth 15
3.2.1.5 Antenna Power 15
3.2.1.6 Power Enable 15
3.2.0.1 Quick Search 15
3.2.2Freq-Checking 16
3.2.2.1 Signal Test 16
3.3 SPECTRUM-S 17
3.3.1 Satellite 18
3.3.2 LNB type 18
3.3.3 LOW FREQ / HIGH FREQ 18
3.3.4 Pol 18
3.3.5 Center Freq 18
3.3.6 Bandwidth 18
3.3.7 LNB 22KHZ 18
3.3.8 DisEqC type 18
3.3.9 DisEqC input 18
3.3.0.1 Analyzer 18
3.3.0.2 ANALYZER OF UNICABLESCR 19
3.4 CONSTELLATION 20
3.4.0.1 CONSTELLATION 20
3.5 MULTIMEDIA 20
3.5.1 Music 21
3.5.2 VIDEO 22
3.5.3 PICTURE 23
3.5.4 UPGRADE 24
3.6 SYSTEM SETUP 25
3.6.1 Language 26
3.6.2 Screen format 26

3.6.3 Light setting 26
3.6.4 Factory reset 26
3.6.5 Local Longitude & Latitude 26
3.6.6 Location 26
3.6.7 Hemisphere 26
3.6.8 Time Zone 26
3.6.9 Channel Reset 26
3.6.10 Mode 27
3.6.11 SW VER 27
3.6.12 Release Time 27
4. CHANNEL 27
4.1 MANAGER CHANNEL 27
4.1.1 Rename Channel (PIC 36) 27
4.1.2 Del Channel(PIC 37) 28
4.1.3 Lock Channel (PIC 38) 28
4.1.4 Skip Channel (PIC 39) 29
4.2 FAVORITE MANAGER 29
4.2.1 Rename 30
4.2.2 Sort order(PIC 41) 30
4.2.3 Favorite set(PIC 42) 31
4.2.4 Favorite Sort(PIC 43) 31
4.2.5 TV/Radio 32
4.2.6 Sat sort(PIC 44) 32
4.3 EPG 32
4.4 PROGRAM LIST (PIC 48) 34
4.5 SUBTITLE/ TELETEXT(PIC 49) 34
5 TECHNICAL SPECIFICATION 35
6 TROUBLE SHOOTING 37

1 GUIDE

1.1 Important Safety Instructions

Thank you for choosing our product. Before installation, we would like to remind you some notes, which is very important for operating safely and properly, as follows:

■Be sure to read this user manual before starting your operation.

■You must install the dish with correct direction and angle. If the dish is not working properly, contact your local dealer.

■When the unit is suddenly moved to a hot area from a cold area, it may cause some problems. In that case, turn off the power, and turn on again after 1-2 hours.

■Keep meter placed in clean space with sufficient ventilation.

■Do not cover the meter with or place it on a unit that emits heat.

■Clean the case by a soft cloth with a little washing liquid.

■Do not remove the cover.

■Do not let the unit exposed to extreme heat, cold or humid conditions.

■No liquids or any other materials to come inside of the unit.

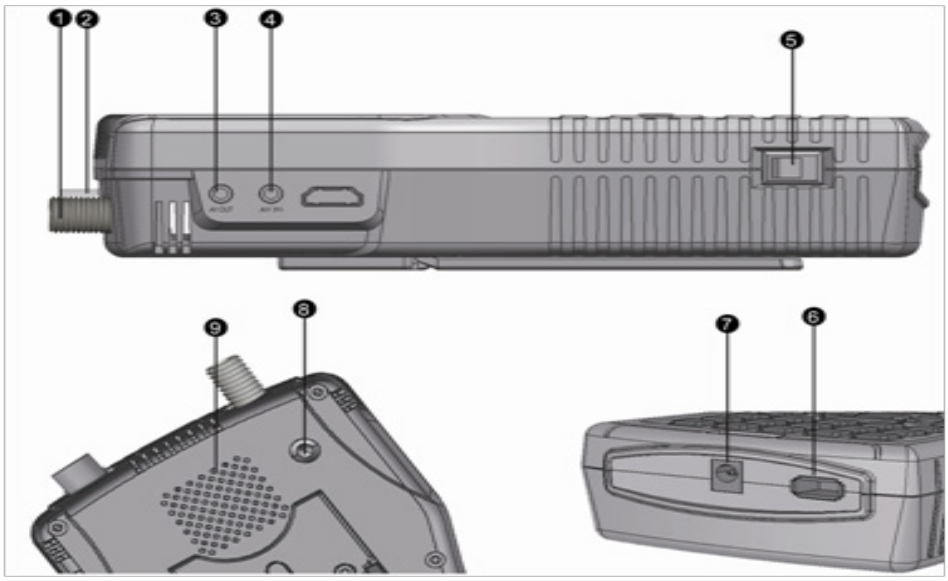
WARNING: All instructions are subject to the latest version of software without prior notice if any new functions are added to the equipment.

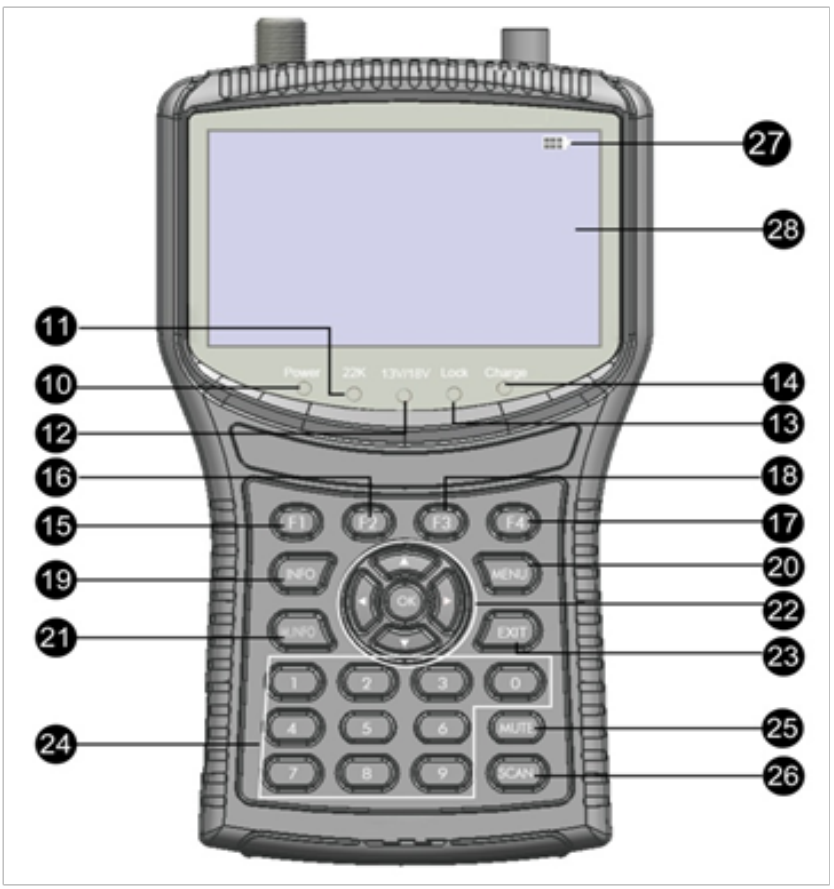
1.2 Unpacking Equipment

Open the package and make sure it includes all below items, if anything is missing, please contact the reseller for replacement.

1.Digital SatelliteMeter
2.User's manual
3.AV cable
4.Car charger cable
5.Adaptor
6.Carrying bag
7.Silicone case

1.3 PRODUCT OVERVIEW& ILLUSTRATION





NO	Description	FUNCTION
1	LNB IN	Connect to satellite antenna cable
2	Antenna IN	Connecting to the antenna for DVB-T
3	AV OUT	Connect to AV port for TV
4	AV IN	Connect to AV port for meter
5	Power witch	Turn on/off meter
6	USB Port	Connect to USB memory
7	DC Slot	Connect to Adaptor Input
8	Torch LED	Night lighting
9	Speaker	Speaker Integrated
10	Power	Power indicator light
11	22KHZ	22Khz indicator light
12	13V/18v	Vertical /Horizontal polarization voltage output light
13	LOCK	Signal lock indicator ligh
14	Charger (Note1)	Charger indicator light
15	F1 (Note2)	Shows the SUBTITLE/TELETEXT menu
16	F2(Note3)	Shows the EPG menu
17	F3(NOTE4)	Favorite Manager
18	F4(NOTE5)	Channel manager
19	INFO	To display channel status or various program information of current channel
20	MENU	Show the main menu on the screen or jump back to previous menu in sub-menu setting conditions
21	(NOTE6)	AV Switch
22	NEVIGATION KEY	Volume Control or move cursor, channel or change, confirm etc
23		EXIT

24	0-9	Select channels or enter programming
25	MUTE	Enable or disable the audio output
26	SCAN	'Quick Search' menu shortcut key
27	(Note7)	When power on the meter ,displays the battery level
28	LCD Screen	Video display

Note1: When the adapter insert into dc slot, the indicator is often bright.When the battery is full of electricity, the charge indicator will go out.

Note2:F1,Is long according to the key over the 1 s, the key is switch TV/Radio function

Note3:F2,Is long according to the key over the 1 s, the key is Audio function

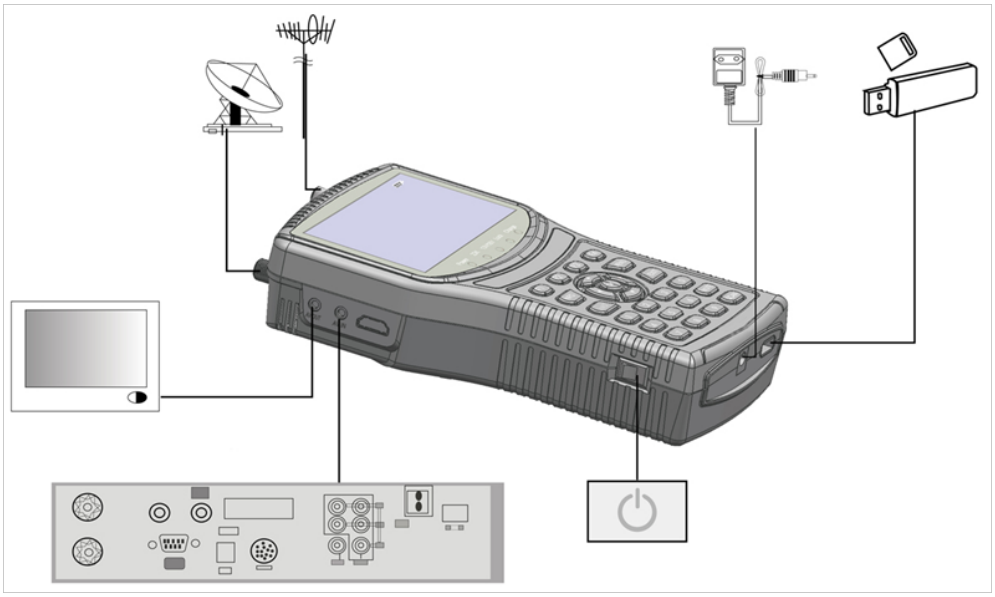
Note4:F3, Is long according to the key over the 1 s, the key is switch lock sound on /off in "3.1.0.1 Quick Search" menu

Note5:F4, Is long according to the key over the 1 s, the key isTV system function

Note6:F5, Is long according to the key over the 1 s, the key isTorch on/off function

Note 7: When the battery is on power failure, the system will send a voice alarm, please timely to charge,do not continue to useto avoid the internal battery run out and shorten the usage time.

1.4 INSTALLATION OFMETE



2.OUTLINE

■4.3 Inch High Definition TFT LCD Screen
■Fully DVB-S/DVB-T,
■Digital meter for signal strength and quality
■Spectrum analyzer
■Supports scan of Auto,Blind,Manual
■Sound and Light Alarm for Locking Signal
■Auto Calculate Angle of AZ ,EL
■Supports DISEQC 1.0/1.1/1.2 ,0/22khz Tone
■Support both AV out and AV in
■LNB short protect
■7.4V/3000mAh Lion Battery Included
■Software upgrade via USB port
■Easy to carry

3. THE MENU OSD INSTRUCTION

If you have installed and connected the cables to the meter, pressing MENU key to display the Main Menu.(pic1)

■DVB-S2
■DVB-T2
■Spectrum-S
■Constellation
■Multimedia
■System

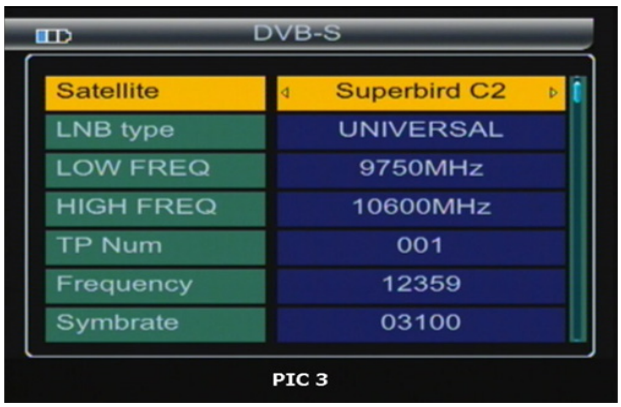
Press the keys of ▲▼◄► to move the cursor up or down in the menu interface, then use OK key to confirm a selection.

3.1 DVB-S2

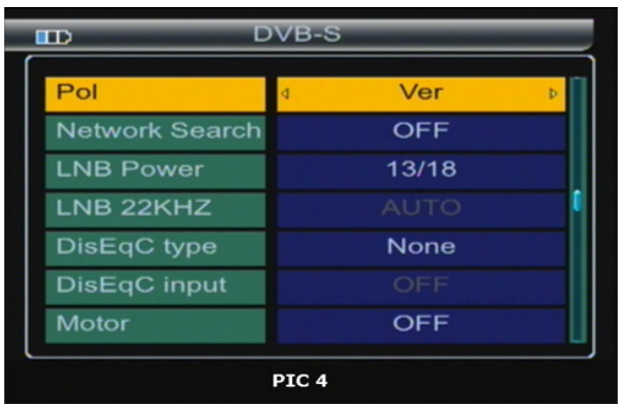
Select DVB-S2icon; press OK key to enter the DVB-S2 system (PIC 2).

3.1.1 Quick Search

Select Quick Search and press OK key to enter the Quick Search interface.(PIC 3,4)



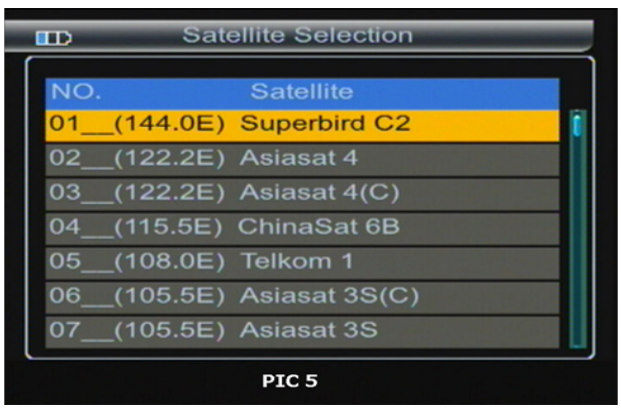
PIC 3



PIC 4

3.1.1.1 Satellite

Press ◄►key enterthe satellite list. Use ▲▼ key to move the cursor, then press OK key to select the satellite that you want. (PIC 5)



PIC 5

3.1.1.2LNB type

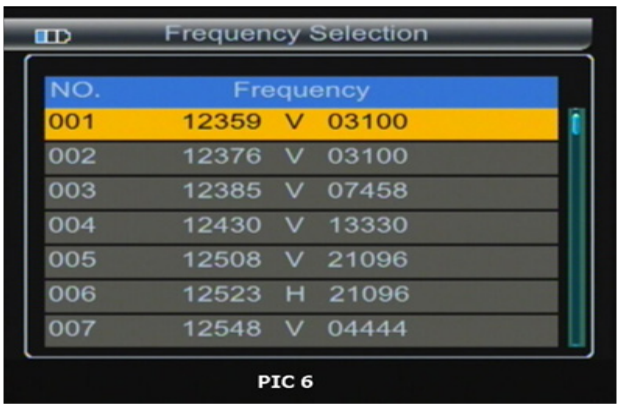
Press ◄► key,you can select UNIVERSAL/ONE CABLE/Unicable Legacy/Unicable SCR/Single, according to your physical LNB type.

3.1.1.3LOW FREQ / HIGH FREQ

Enter the proper LNB fre¬quency referring to your LNB using the numeric keys or pressing ◄► key.

3.1.1.4TP Num

Press ◄►keyinto the TP list. Use ▲▼ key to move the cursor then pressOK key to select the satellite that you want.(PIC 6).



PIC 6

3.1.1.5 Frequency

Frequency of the current transport, Input the value by using the numeric keys.

3.1.1.6 Symbrate

Symbol rate of the current transponder, Input the value by using the nu¬meric keys.

3.1.1.7 Pol

Press ◄► key to changeVertical or horizontal of polarization.

3.1.1.8 Network Search

Press◄►keyto turn on/off. When open it, we will auto down the satellite TP data, but search speed will slow. If the satellite don't send

the data of network, please off it.

3.1.1.9 LNB Power

Press ◄►keyto select the desired option. If your meter is connected to another receiver through LOOP THROUGH support, in case the other receiver is directly connected to the LNB, then select OFF.

3.1.1.10LNB 22KHZ

22KHz control is automatically set for each LNB alternative. If "UNIVERSAL" is selected, 22KHz control should be "off state".

3.1.1.11DiSEqCtype

Press ◄► key to select the DISEQC 1.0/DISEQC 1.1/NONE

3.1.1.12DiSEqCinput

Accordingto DiSEqC type you selected,Press ◄► key to Select the mode(OFF/1-4) or DiSEqC1.1 mode (OFF/1-16) or "off" state.

3.1.1.13Motor

Press◄► key to select (OFF/DiSEqC 1.2 / USALS)

3.1.0.1 Quick Search

In the satellite search interface,pressing OK key will enter the quick search.

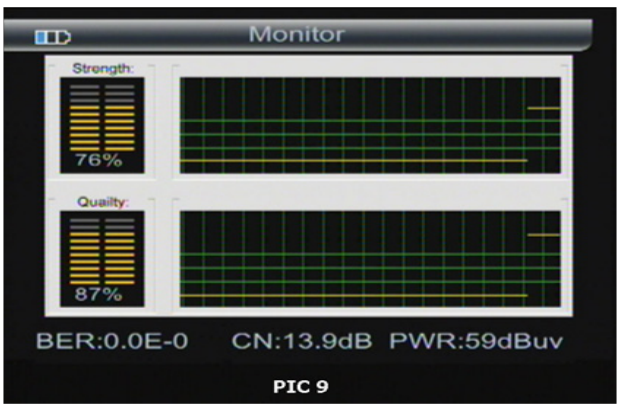
If you set the My Longitude and My Latitude Under the "3.6system setup", the angle of LNB, theorientation and elevation of antenna, all will be displayed on the screen.Press ◄► key to select TP Scan, Auto Scan, Zoom, then press OK key into function.(PIC 7)

PIC 7

■S/Q: Enlarge showing of the strength and quality(PIC 8).

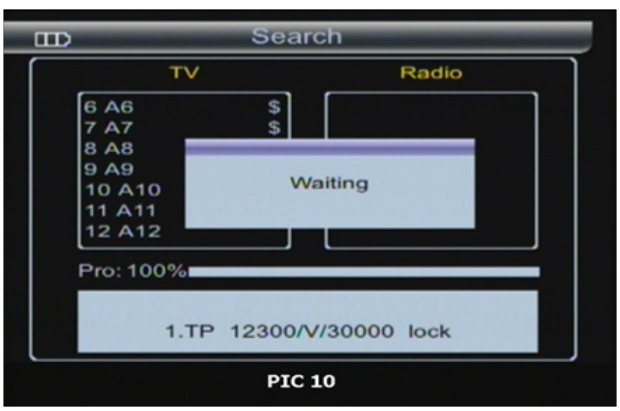
PIC 8

■ Monitor: Show the strength and quality using level (PIC 9).



PIC 9

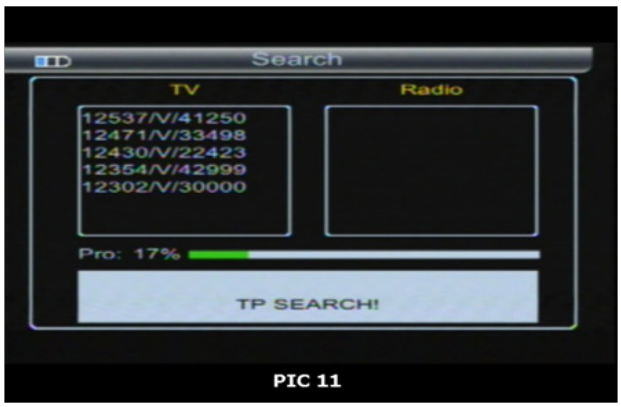
■ Scan : According to the current TP,search channel(PIC 10)



PIC 10

■ Auto: According to the user database of satellite,searchchannel, same as scan.

■Blind: Search all frequency of satellite. We search all frequency it can be locked; create a new TP database (PIC 11), then according the new TP database search programs (PIC12).



PIC 11

PIC 12

3.1.2 Tp Manager

Press ◄►keyto change the satellite.

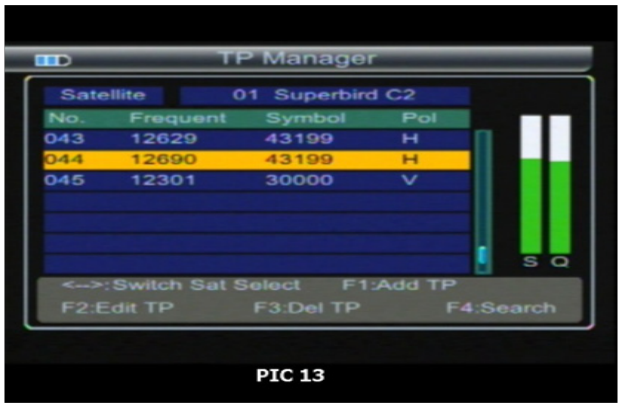
Pressing OK/▲▼ key, switch to TP select (PIC 13).

■Press F1 key to add TP

■Press F2 /OK key to edit the current TP

■Press F3 key to delete the current TP

■Press F4 Key to scan the current TP



PIC 13

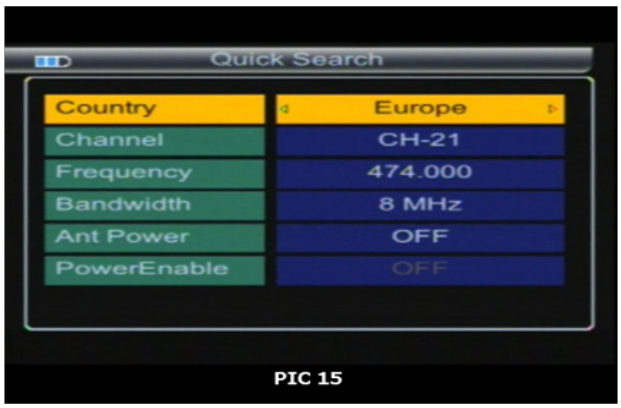
3.2DVB-T2

Select DVB-T2icon; press OK key to enter the DVB-T2 system (PIC 14).

PIC 14

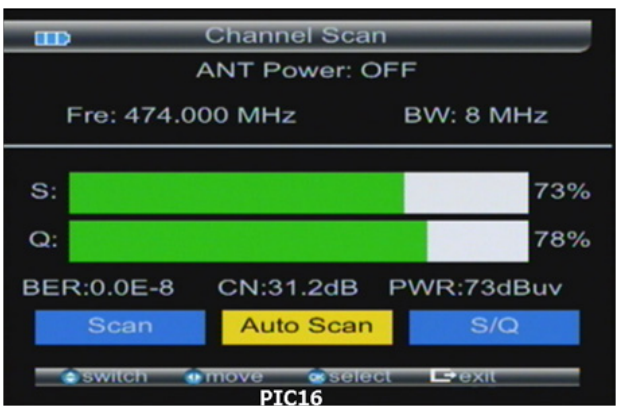
3.2.1Quick Search

Select Quick Search and press OK key to enter the Quick Search interface (PIC 15).



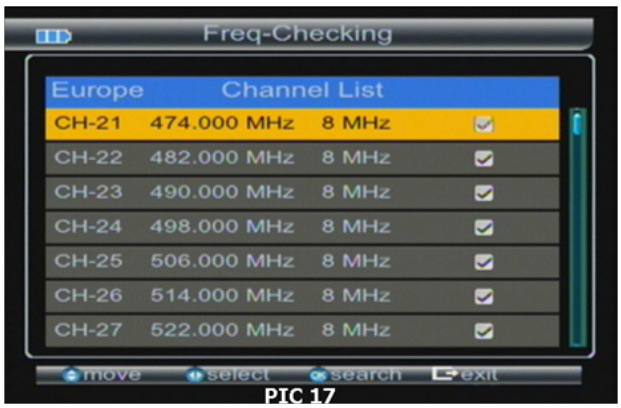
PIC 15

3.2.1.1Country
Press ◄►key to select thedefault channelsof the country.
3.2.1.2 Channel
Press ◄► key to select the channel.
3.2.1.3Frequency
Frequency of the current channel, Input the value by using the numeric keys.
3.2.1.4Bandwidth
Press ◄► key to select the bandwidth. The type of bandwidth has 5M/ 6M/7M/8M.
3.2.1.5 Antenna Power
Press ◄► key to choiceAnt voltage output, it has5 v / 12 v / 17 v options
3.2.1.6 PowerEnable
Press ◄► key to choice Ant voltage output, it hasON/OFF options
3.2.0.1 Quick Search
In the satellite search interface,pressing OK key
We will enter the channel scan (PIC16).



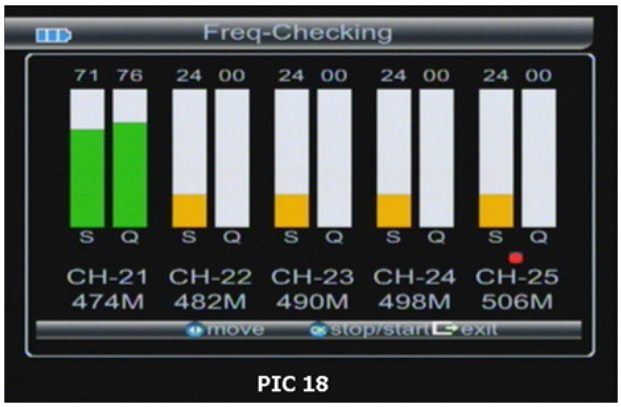
PIC16

Press ▲▼ key to change the channel
Press ◄► key to select Scan, Auto Scan, S/Q;
Press OK key toenterthe function
■Scan : According to the current channel,searchprogram
■Auto Scan : According to the channels of country, search program.
■S/Q: Enlarge showing of the signal strengthandquality
These functions pleaserefer to the3.1.0.1 Quick Search
3.2.2Freq-Checking
In the Freq–checking, we can make signal testfor Multi-Channel (PIC 17)



PIC 17

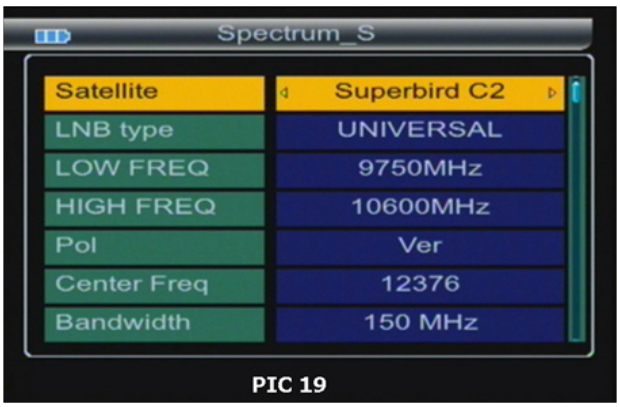
Press ◄► key to select the current channel.
Press▲▼ key to change channel.
Press OK key to enter next menu for signal testing.
3.2.2.1 Signal Test
Take turns to check signals of five channels.(PIC18)
Press ◄►key to switch next/Previous channels
Press OK key stop/start check



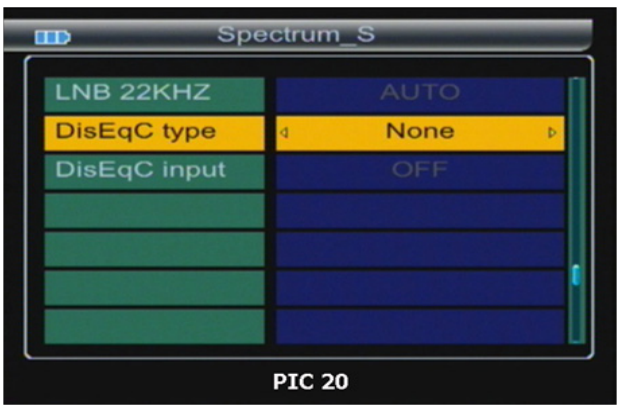
PIC 18

3.3 Spectrum-S

SelectSpectrum-S icon; press OK key to enter the DVB-T2 system (PIC 19, 20).



PIC 19



PIC 20

3.3.1 Satellite

Press ◄►keyinto the satellite list. Use ▲▼ key to move the cursor, then press OK key to select the satellite that you want.

3.3.2 LNB type

Press ◄► key,you can select UNIVERSAL/ONE CABLE/ UnicableLegacy/UnicableSCR/Single, according to your physical LNB type.

3.3.3 LOW FREQ / HIGH FREQ

Input the proper LNB fre¬quency referring to your LNB using the numeric keys

3.3.4 Pol

Vertical or Horizontal polarization

3.3.5Center Freq

Input the proper center fre¬quency using the numeric keys

3.3.6Bandwidth

Press ◄► key to select the bandwidth. The type of bandwidth has Full/108MHz/540MHz.

3.3.7LNB 22KHZ

22KHz control is automatically set for each LNB alternative.

3.3.8DisEqC type

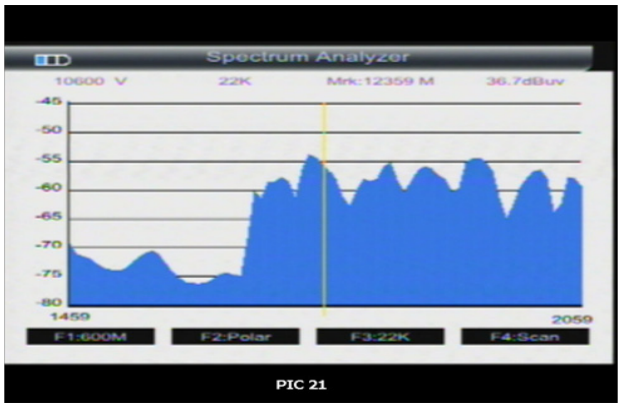
Press ◄►keytoset the port type (None/DISEQC1.0/DISEQC1.1).

3.3.9DisEqC input

Press ◄► key to select the DisEqC input (mode DISEQC1.0 has OFF/1-4, mode DISEQC1.1 has OFF/1-16)

3.3.0.1 Analyzer

After completing a constitution, press OK key into Spectrum interface (PIC 21).



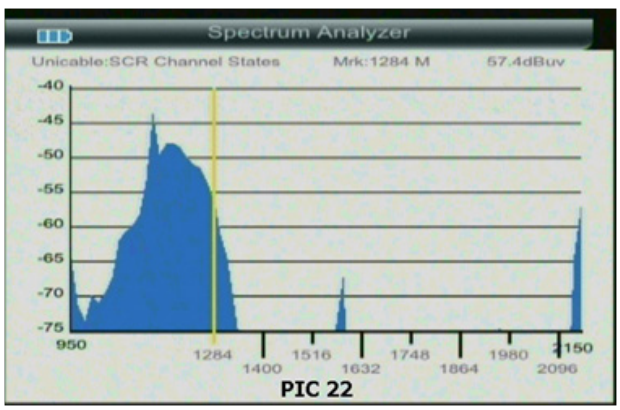
PIC 21

■Press ▲▼ key to modify the biggest PWR value.
■ Press ◄► key to changethe center frequency.
■ Press F1 key to change the bandwidth.
■ Press F2 key to change Polar.
■ Press F3 key to change 22k tone.
■ Press F4 Key to scan local frequency,if the signal is locked,we will scan TP.

3.3.0.2 Analyzer OF UnicableSCR

In “3.3.2 LNB type”, if you select Unicable, press ok key into Spectrum (PIC 22)

■Press ▲▼ key to modify the biggest PWR value.
■Press ◄► key tochange frequency of scr.



PIC 22

3.4Constellation

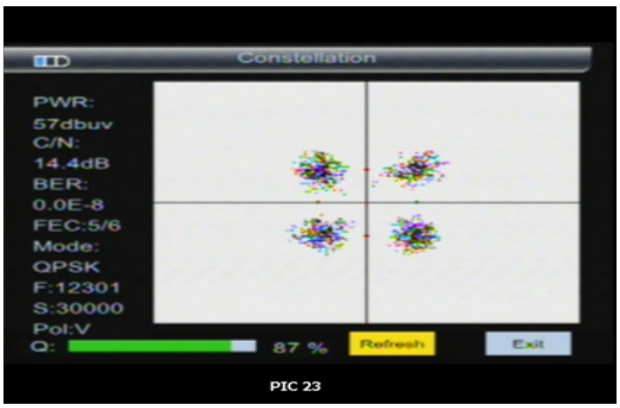
SelectConstellation icon; press OK key to enter the Constellation system.

Please refer to 3.1.1 Quick Search.

3.4.0.1 Constellation

After completing a constitution, press OK key into constellation interface (PIC 23)

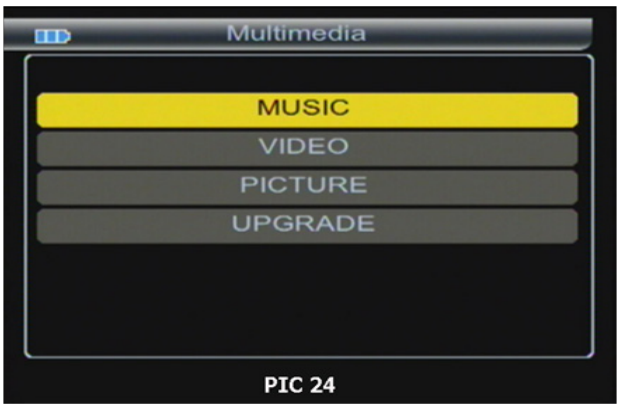
Press ◄► key to select Refresh or Exit, press ok to confirm.



PIC 23

3.5 Multimedia

SelectMultimedia icon; press OK key to enter the Multimedia system (PIC 24).



PIC 24

The meter intergrates USB port, which support the following device:

■USB portable harddisk

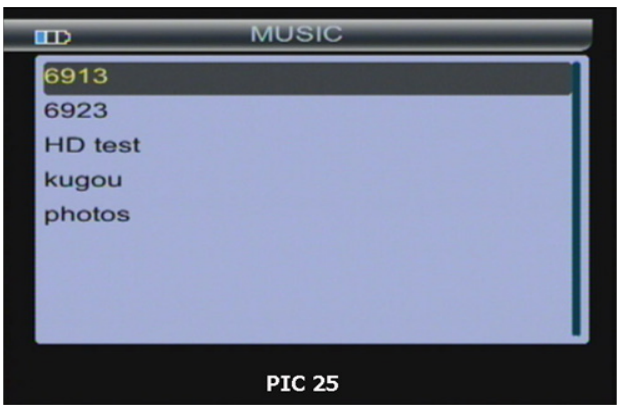
■USB memory

■USB upgrade

It will appear “storage device is inserted ” when USB device is inserted to the USB port that means the usb device has been recognized and can be used Otherwise will appear “ Device was removed”.

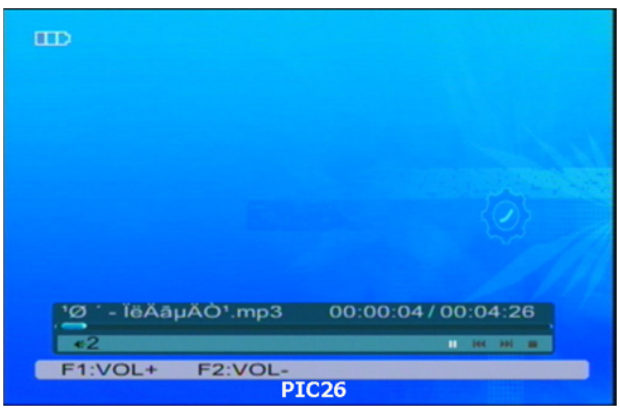
3.5.1 Music

Select Music press ok key into music list (PIC 25).



PIC 25

Press ▲▼key to select song, then press OK key to play.(PIC 26).



PIC26

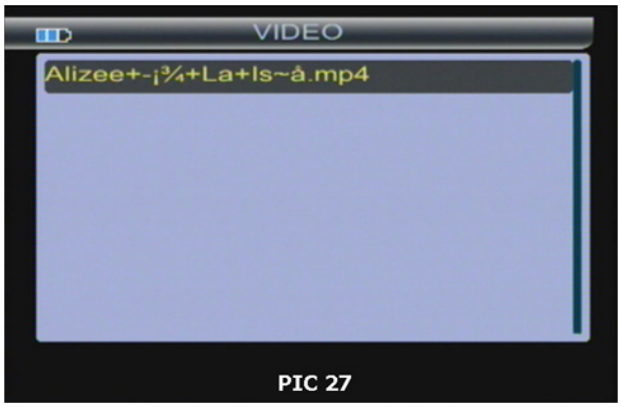
Press F1 and F2 to control volume

Press ◄►key tomove the cursor, then press OK key to operate function.

Press menu to show the functions ofRotating,Pause/ Play,Previous, Next, Stop.

3.5.2 VIDEO

Select VIDEO press ok key into the file list (PIC 27).



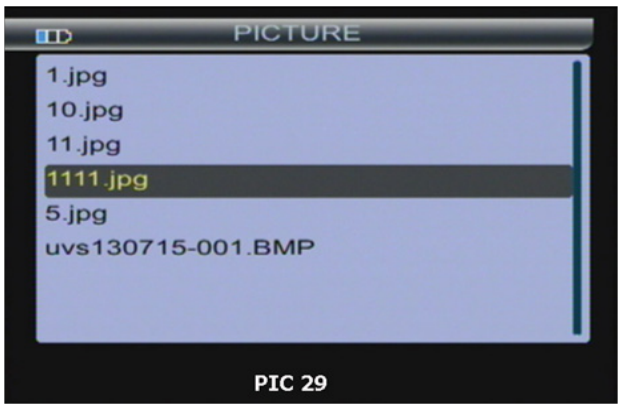
Press ▲▼key to select video, then press OK key to play(PIC 28).

Press ◄►key to control volume

Press menu to show the functions ofRotating,Zoom ;Quickly Play, Slowly Play,Pause/Play,Previous, Next, Stop, then Press ◄►key tomove the cursor, then press OK key to operate function.

3.5.3PICTURE

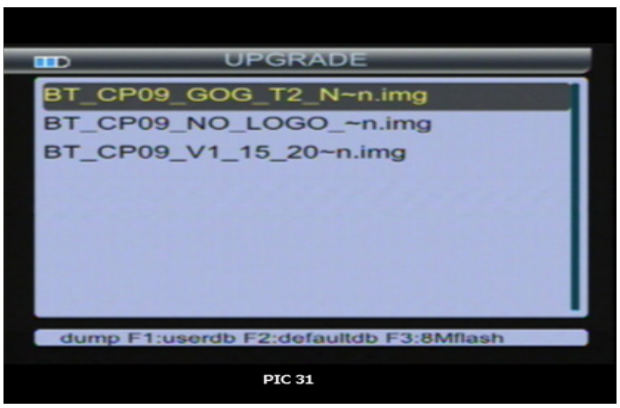
Press ▲▼◄►key to select picture, then press OK key to play (PIC 29, 30)



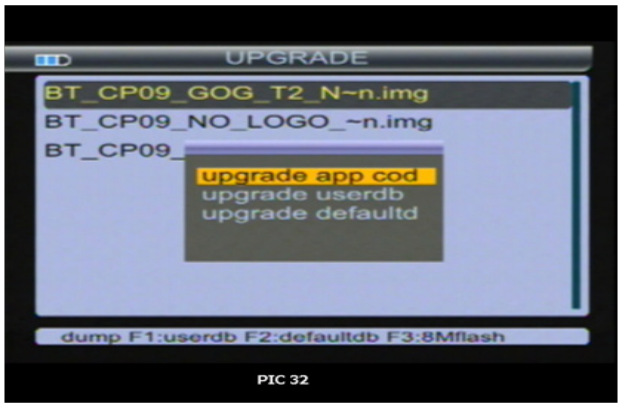
PIC 29

PIC 30

Press ▲▼ key to select picture, then press OK key to play.
Press MENU key to appear playing bar.
Press ◄►key tomove the cursor, then press OK key to operate function.
There are functions ofRotating,Delay setting, ZOOM, Play/Pause, Previous Picture, Next picture, Stop.
3.5.4UPGRADE
Select UPGRADE press ok key into the upgrade file list,Press ▲▼ key to select update file,



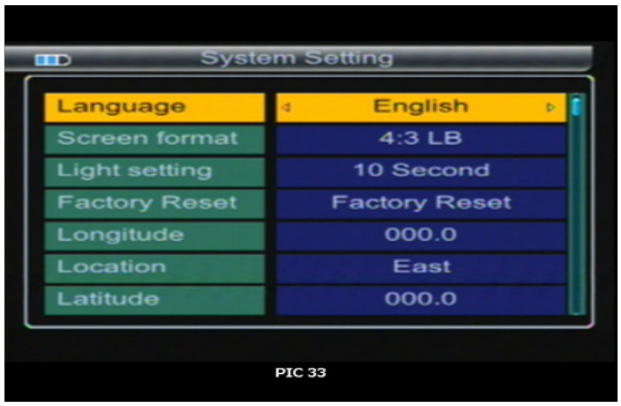
Press F1 key to dump user database.
Press F2 key to dump default database.
Press F3 key to dump flash.
Press ▲▼ key to select update type, then press OK key to upgrade (PIC 32)
Upgrade app code: upgrade the main file
Upgrade userdb: upgrade the user database.
Upgrade default:upgrade the default database.

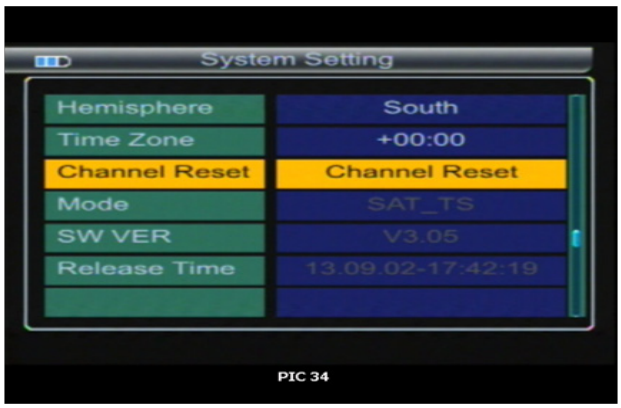


WARNING: when upgrade the app code,you must ensure that power is not off.

3.6 System Setup

This menu consists of sub-menus shownas (PIC33, 34)





3.6.1 Language
Press ◄► key to select language.
3.6.2Screen format
Press ◄► key to select Screen format:4:3/16:9
3.6.3 Light setting
Press ◄► key to control delay of key light:off/5s/10s/20s.
3.6.4Factory reset
The factory-resetallows user to restore theset default values, when you press OK key, the Warning window will appear, if you select yes, the system setup will be restored to the default values.
Warning: On selecting factory default you will lost all of data and information, which was previous installed.
3.6.5Local Longitude & Latitude
Input the value by using the nu¬meric; the value must be nothigher than180;
If the location longitude A is higher than 180, the value will be (360-A),then press ◄► key to change location/Hemisphere
Example:
Local longitude is East 200.
You should input west (360-200)=160.
3.6.6Location
Press ◄► key to select location:East/West.
3.6.7 Hemisphere
Press ◄► key to select location: South/North
3.6.8Time Zone
Press ◄►key to setTime Zone.
3.6.9 Channel Reset
Press ok key to reset channel.
Warning: On selecting channel reset you will lost all of data and information of channels, which was previous added.

3.6.10 Mode
The mode, example: SAT_TS.
3.6.11 SW VER
The software version, example:V3.05
3.6.12 Release Time
The release time, example: 13.06.14-20.22.30

4.Channel

4.1 Manager Channel

Press F4 key into the manager channel interface (PIC 35)

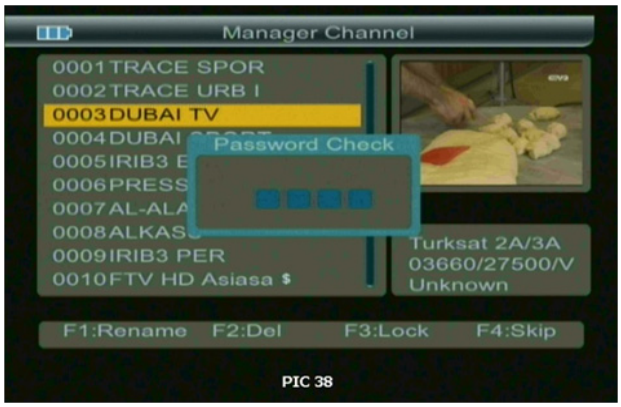
PIC 35

4.1.1 Rename Channel(PIC 36)

PIC 36

1.Press F1 key. You will notice the Keyboard menu in screen.
2.Press the arrow keys to Input channel name.
3.Press F3 key to switch caps lock; press F1 key to backspace; press F4 key to complete edit.
4. Press MENU key,the Warning window will appear, if you select yes, the modification will be save.
4.1.2 Del Channel(PIC 37)

1. Press ▲▼ key to select TV.
2.Press F2 key, the TV will be marked with the symbol “X”, marking all channel of you need delete.
3. Press MENU key,the Warning window will appear, if you select yes,the modification will be save.
4.1.3LockChannel (PIC 38)
Press ▲▼ key to select TV.
Press F3 key,then input “0,0,0,0”,the TV will be marked with the symbol lock, marking all TV of you need lock.
Press MENU key,the Warning window will appear, if you select ‘Yes’, The modification will be save



4.1.4 Skip Channel (PIC 39)

1.Press ▲▼ key to select TV.

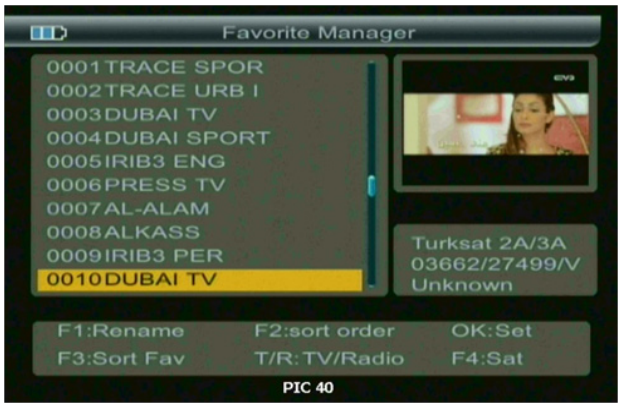
2.Press F4 key, the TV will be marked with the symbol " ↑ ↓ ".

3.Press ▲▼ key to skip TV, Press F4/OK key to confirm, skip all TV of you need.

4. Press MENU key,the Warning window will appear, if you select 'Yes', the modification will be save.

4.2 Favorite Manager

Press F3 key into the manager channel sort interface, then press menu key to return favorite manager (PIC 40).



PIC 40

4.2.1Rename

Please make reference to rename of “4.1.1 Rename channel”.

4.2.2 Sort order(PIC 41)

PIC 41

1.Press F2 key, you will notice the sub-menu with sort order in screen.

2.Select the desired one of the four sort order in screen and press OK.

3.Press MENU key,the Warning window will appear, if you select yes, the modification will be save.

4.2.3 Favorite set(PIC 42)

PIC 42

Press ▲▼ key to select TV.

Press OK key, the TV will be marked with the symbol '♥'.

Press MENU key,the Warning window will appear, if you select yes, the modification will be save.

4.2.4 Favorite Sort(PIC 43)

PIC 43

Press F2 key, you will notice the sub-menu with sort order in screen.

Press ▲▼ key to select sort.

Favorite setting will into this sort.

Press MENU key,the Warning window will appear, if you select yes, the modification will be save.

4.2.5 TV/Radio

Press TV/Radio (Note2) key to switch TV or radiolist.

4.2.6 Sat sort(PIC 44)

PIC 44

1. Press F4 key, you will notice the sub-menu with sort order in screen.

2. Press ▲▼ key to select satellite sort, the channel list will change.

3. Press MENU key, the Warning window will appear, if you select yes, the modification will be save.

4.3 EPG

Press the F2 key to show EPG menu.

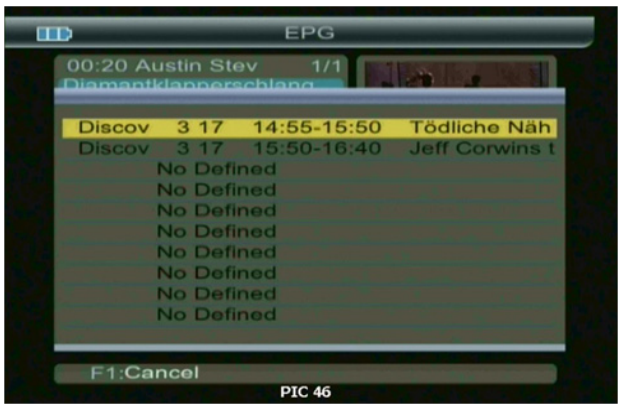
PIC 45

The Guide supplies information such as program listing, starting and ending items for alll available programs.

1.Press ▲▼ key to change current channel.

2.Press ◄►keys to view the information in 7 days.

3.Press F2 key to view the bookeditems data (PIC 46).



PIC 46

In the booked items menu, press F1 key to cancle the current item,press menu to return.

Press F1 key to items setecting (PIC 47).

PIC 47

1.Press F1 key, return to channel select.

2.Press ▲▼ key to select item.

3.Press F4 key to change detail information page.

4. Press F2 key to book the current item,and into the bookeditems menu.

4.4 Program List (PIC 48)

Press OK key into program list interface.

Please make reference to“4.2 Favorite Manager”.

4.5Subtitle/ TeleText(PIC 49)

1.Press F1 key, you will notice the sub-menu with sort order in screen.

2.Press▲▼ key to change subtiltle.

3.Prss OK key to confirm.

5.Technical Specification

TRANSMISSION STANDARDS	
DVB-S/S2,DVB-T/T2	
DVB-T/T2 INPUT/DEMODULATION	
Connector Type	IEC Female 9.5mm/FEMALE Type
Input Frequency	48 to 862 MHz
Signal Input Level	-79.5dBm (MAX)
ANT Supply	5V/12V/17V, IMax100mA
Demodulation Type	QPSK,16QAM,64QAM,256QAM
DVB-S/S2 INPUT/DEMODULATION	
Connector Type	F Type
Input Frequency	950 to 2150 MHz
Signal Input Level	- 65 to -25 dBm
Band Switch Control	22KHz
LNB Supply	13V/18V, IMax 400mA
Demodulation Type	QPSK,8PSK,16APSK
Symbol Rate	2<Rs<45 Mband(SCPC/MCPC)
LCD FEATURES	
LCD Type	TFT TRANSMISSIVE
Number of Dots	480(RGB) x272
Active area (WxH)	95.04x53.86 mm2
AV output/ input interface	
Connector Type	3.5 mm jack
Video Output	CVBS
Audio output	Stereo Audio L/R output
AUDIO/VIDEO PROCESSING	

Resolving rate	PAL-25 frame@720*576,NTSC-30 frame@720*480,
Signal compatibility	Support conversion for different video formats
Video Format	4:3,16:9,By Pan & Scan and Letter Box conversion
Audio output mode	Stereo, Mono,R/L
DATA SERVICE PORT	
Connector	USB
Data protocol	USB2.0 interface
file format	mp3,jpg
MICROPROCESSOR	
Microprocessor	Amlogic
Clock Frequency	180MHz
SDRAM Memory	512Mbit
Power SUPPLY	
Li-Ion Battery	7.4V/3000mAh
Adapter	OUTPUT :DC12V/1.5A INTUPT :100-240VAC 50/60Hz
Power consumption	Max. 10W
PHYSICAL CHARACERSTICS	
Size (W x D x H)	125x205x4.5(cm^3)
Net Weight	0.66kg

6 .Trouble Shooting

Problem	Possible Causes	What To Do
No display light up	Power switch is not onRun out of batteries	Check to make sure power on. Even on adapter
No sound or picture, but the front panel power light is ON.	AV IN jack insert, but no video input	Pull out AV IN cable
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
Bad picture/ Blocking Error	No signal or weak signal	Check the cable connections. LNB and other equipment connected between the LNB and the meter and adjust the dish.
	The satellite dish in 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

AV out No picture(Video)	The system is connected by SCART cable and TV is not in AV mode.	Check the UHF channel fixed in your system and tune the UHF properly.
The key is not working.	Out of battery	Even on adapter
	Key blocks	make sure no blocks between the front panel

Note: If you still cannot resolve the problem with above reference. Please contact the local dealer or their after-sales service center.

SATLINK

USER'S MANUAL