

目录

1. GUIDE	2
1.1 Important Safety Instructions	2
1.2 Unpacking.....	2
1.3 PRODUCT OVERVIEW&ILLUSTRATION.....	3
2. OUTLINE	4
3. THE MENU OSD INSTRUCTION.....	4
3.1 DVB-S2.....	5
3.1.1 Satellite Find.....	5
3.2 DVB-T2.....	7
3.3 Cable.....	9
3.4 Loop Search.....	12
3.4.1 Quick Search.....	12
3.5 Angle Calculation.....	13
3.6 others	14
3.6.1 Satellite List	14
3.6.2 Transponder List.....	15
3.6.3 Motor Setting	16
3.7 Multimedia.....	16
3.8 System Setting.....	17
3.8.1 Upgrade Setting.....	18
4 Technical Specification	19

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.

1.2 Unpacking

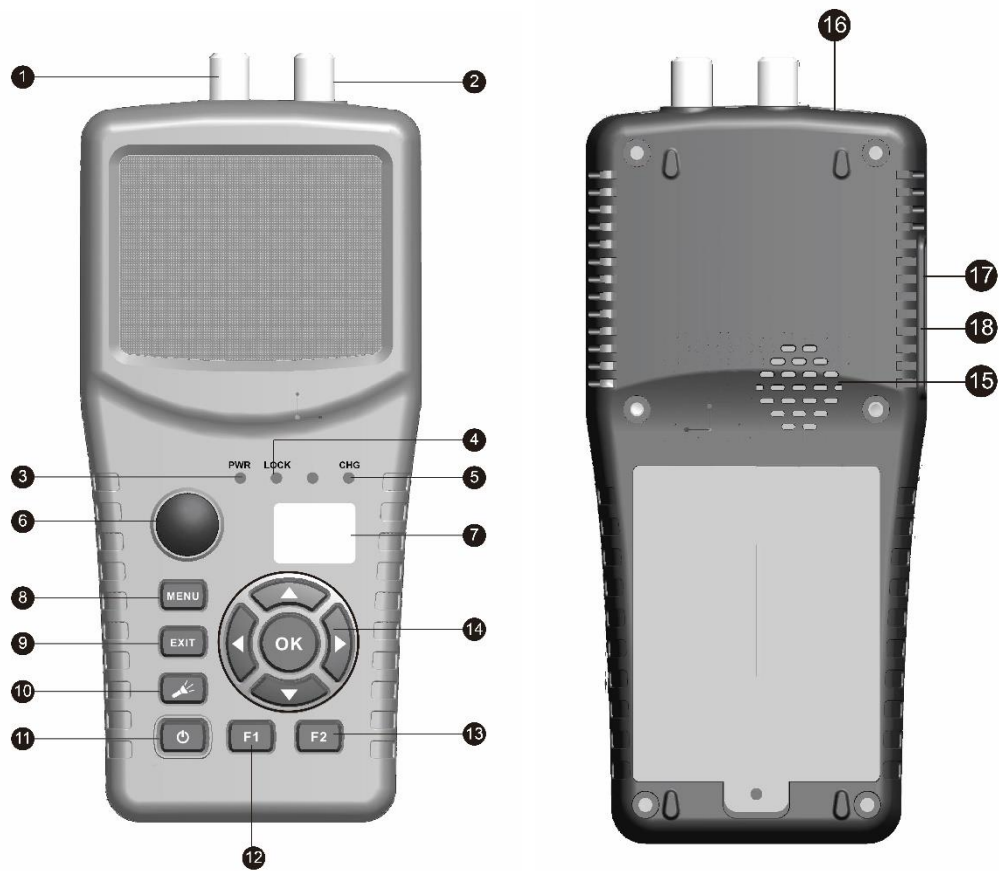
Open the package and make sure it includes all below items, if any missing, please contact the reseller for replacement.

1. Meter
2. User's manual
3. Power Adaptor

NOTE:

Please refer to our actual configuration.

1.3 PRODUCT OVERVIEW&ILLUSTRATION



NO	Description	FUNCTION
1	F connect	LNB Port
2	F connect	Antenna port
3	PWR	Power indicator light
4	LOCK	Signal lock indicator light
5	CHG	Charger indicator light
6	ornament	Mechanical compass, only for decoration
7	Digital tube	quality display
8	MENU	Show the main menu on the screen or jump back to previous menu in sub-menu setting conditions
9	EXIT	Escape from present menu and save the settings
10	Torch	Torch on /off ,a shortcut key
11	Power	Power switch
12	F1	Auxiliary function key

13	F2	Auxiliary function key
14	NEVIGATION KEY	Volume Control or move cursor, channel or change, confirm
15	Speaker	speaker
16	Torch	Torch LED
17	USB	USB2.0 port
18	Power	DC port

2. OUTLINE

- 2.4inch High Definition TFT LCD touch screen
- Fully DVB Mode, MPEG-2/MPEG4 compliant
- MPEG-2 / H.264 Hardware decoding
- Digital meter for signal strength and quality
- small case

3. THE MENU OSD INSTRUCTION

If you have installed and connected the cables of the meter, there is the main menu.

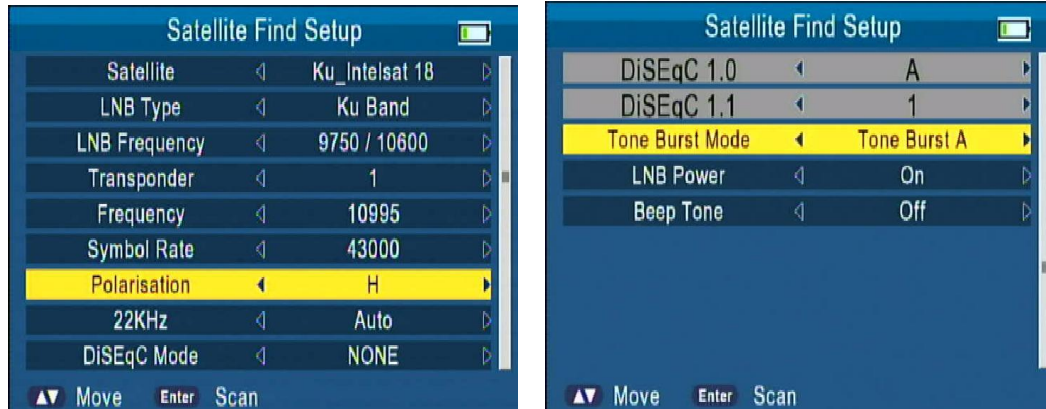
- DVB-S2
- DVB-T
- Cable
- Loop Search
- Angle Calculation
- Others
- Multimedia
- System Setting



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-S2, then press ok key into the satellite Find.



1, **Satellite**: Press ◀▶ key into the satellite list. Use ▲▼ key to move the cursor, then press OK key to select the satellite of you want.

2, **LNB Type**: Press ◀▶ key select the LNB type of you want.

3, **LNB Frequency**: Press ◀▶ key into the TP list. Use ▲▼ key to move the cursor then press OK key to select the TP of you want.

4, **Transponder**: select TP number

5, **Frequency**: Frequency of the current transport, Input the value by using OK and ▲▼ keys.

6, **Symbol rate**: Symbol rate of the current transport, Input the value by using OK and ▲▼ keys.

6, **Polarisation**: Press ◀▶ key to change Vertical or horizontal of polarization.

7, **22KHz**: Press ◀▶ key to on or off 22kHz TONE Switch. In universal LNB, it is set in auto status

8, **DiSEqC mode**: Press ◀▶ key to set the port type diseqc1.0/1.1

9, **DiSEqC 1.0**: if we select DiSEqC mode, we can set DiSEqC 1.0

10, **DiSEqC 1.1**: if we select DiSEqC mode, we can set DiSEqC 1.1

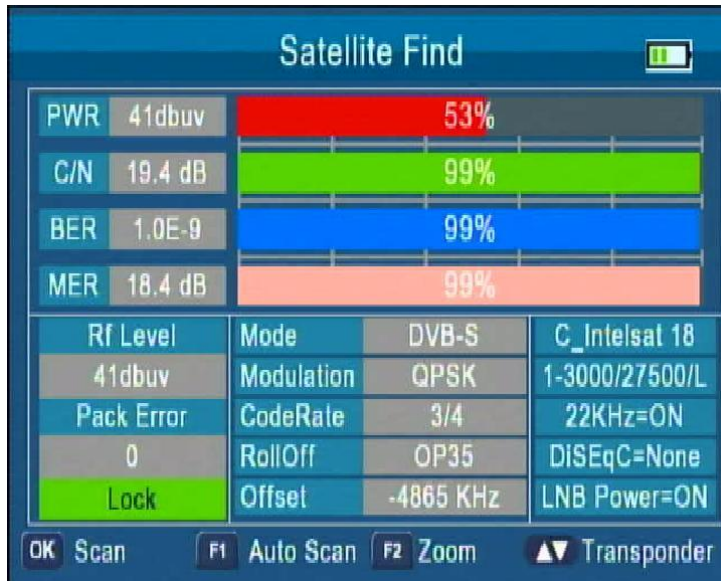
11, **Tone burst mode**: select tone burst switch

12, **LNB power**: switch ON/OFF

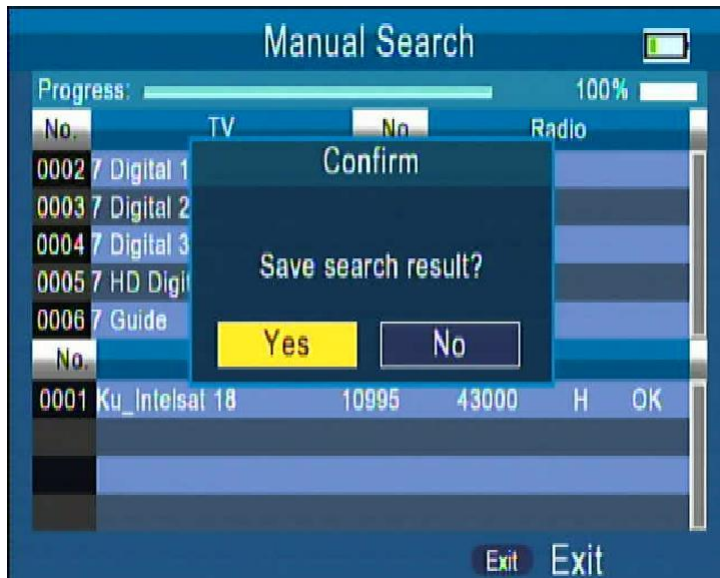
13, **Beep Tone**: switch ON/OFF

3.1.1 Satellite Find

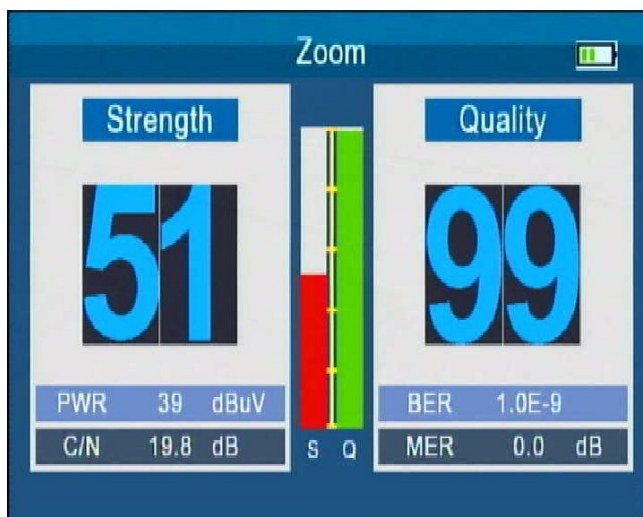
In the satellite Find interface, pressing OK key will into the quick search.



- **Scan** : Press the OK key to search the current TP.



- **Auto Scan**: Press F1 key to auto blind search the current satellite.



- **ZOOM:** Press F2 key to enlarge showing of the signal strength and quality.

3.2 DVB-T2

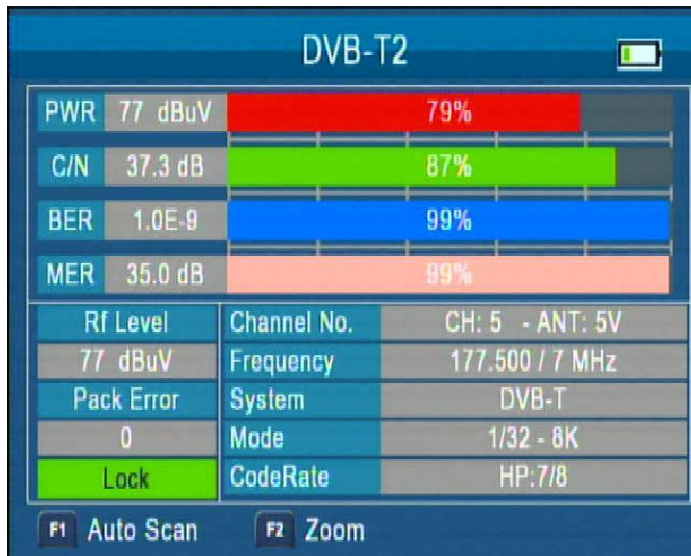
Select ISDB-T, then press ok key into ISDB-T Setup.



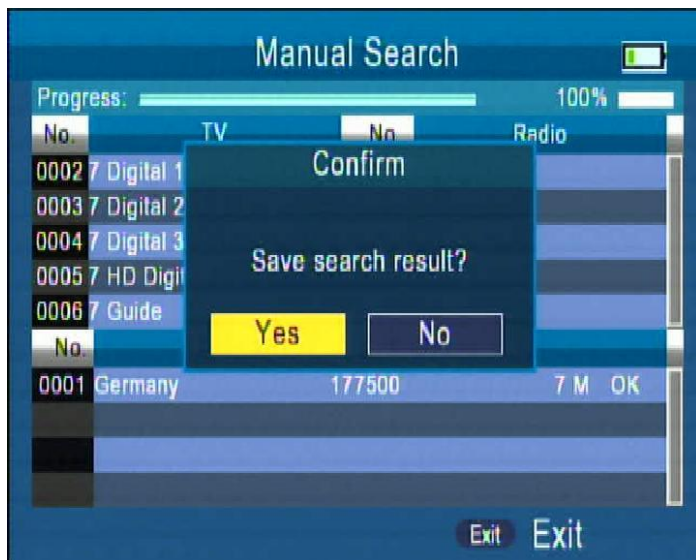
- 1, **Country Setting:** Press ◀▶ key to change the default country.
- 2, **Channel No:** Press ◀▶ key to change the channel number.
- 3, **Frequency:** Frequency of the current channel, Input the value by using the OK and ▲▼ keys.
- 4, **Bandwidth:** In ISDB-T mode, it is fixed 6M.
- 5, **Active Antena:** ANT power switch
- 6, **ANT Power:** ANT power voltage
- 6, **Beep Tone:** switch ON/OFF

3.2.1 Quick Search

In the Channel Find interface, press OK key will enter into the quick search.



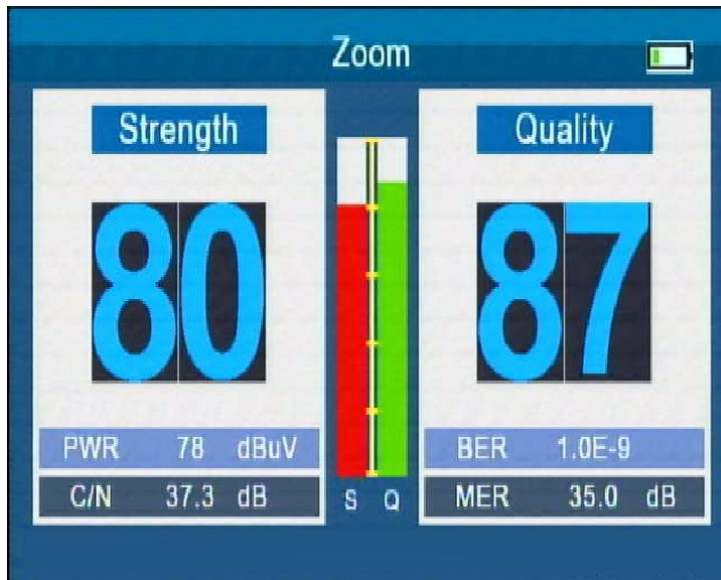
- **Scan** : Press the OK key to search the current channel.



- **Auto Scan**: Press F1 key to auto search all channels

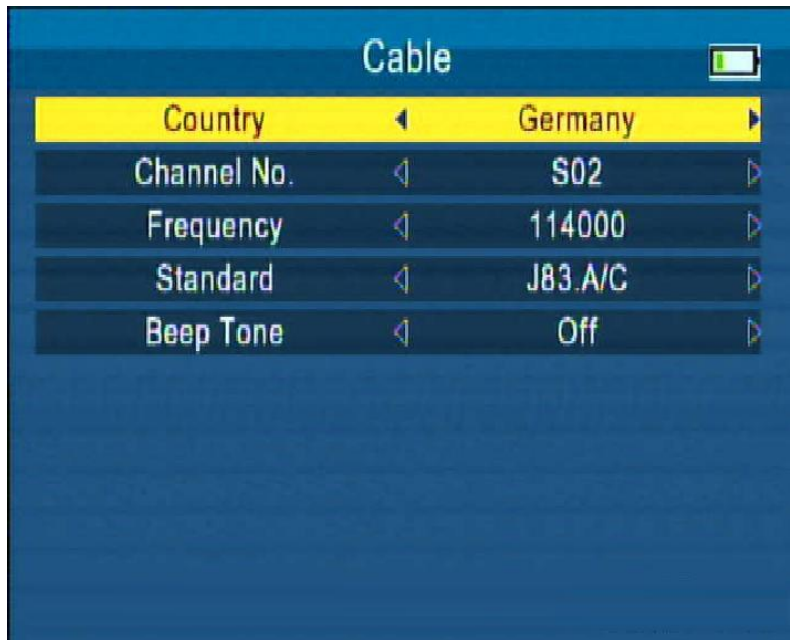


- **ZOOM:** Press F2 key to enlarge showing of the signal strength and quality.



3.3 Cable

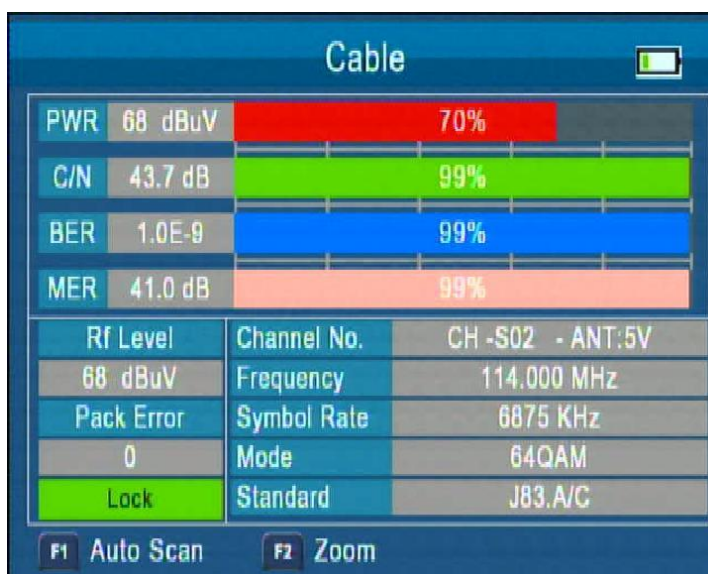
Select Cable, then press ok key into cable Setup.



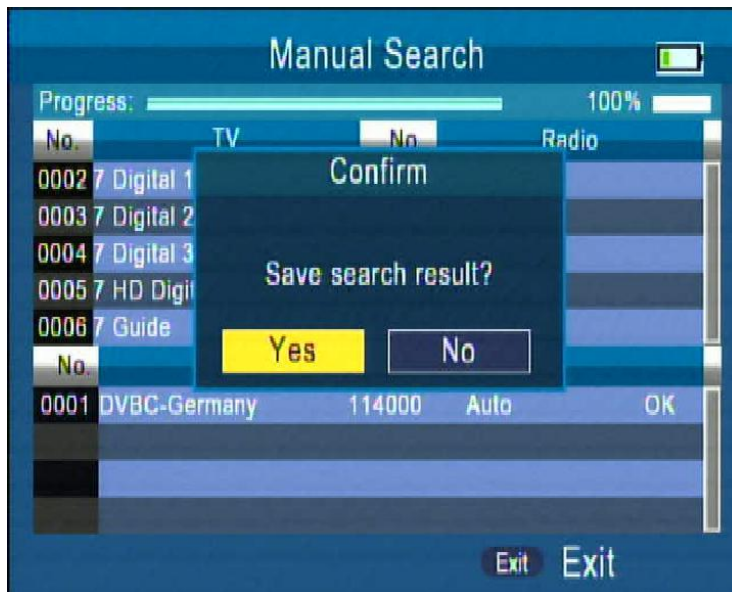
- 1, **Country Setting:** Press ◀▶ key to change the default country.
- 2, **Channel No:** Press ◀▶ key to change the channel number.
- 3, **Frequency:** Frequency of the current channel, Input the value by using the OK and ▲▼ keys.
- 4, **Standard:** select cable standard
- 5, **Beep Tone:** switch ON/OFF

3.3.1 Quick Search

In the Channel Find interface, press OK key will enter into the quick search.



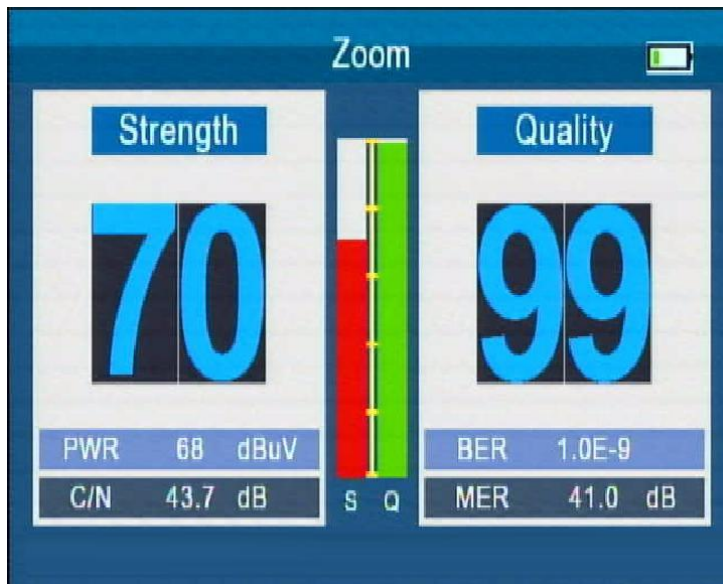
- **Scan :** Press the OK key to search the current channel.



- **Auto Scan:** Press F1 key to auto search all channels



- **ZOOM:** Press F2 key to enlarge showing of the signal strength and quality.



3.4 Loop Search

Select Loop Search, then press ok key into multi-channel Setup.

The Loop Search screen displays a list of channels and their parameters. The title 'Loop Search' is at the top center, and a battery icon is at the top right. The table below shows the following data:

Satellite	Ku_Intelsat 18
Channel 1	1 - 10995 / 45000 / H
Channel 2	2 - 11075 / 45000 / V
Channel 3	3 - 11075 / 45000 / H
Channel 4	4 - 11155 / 28588 / V
Channel 5	5 - 11155 / 28588 / H
Channel 6	6 - 11513 / 03750 / H
Channel 7	- - - -
Channel 8	- - - -

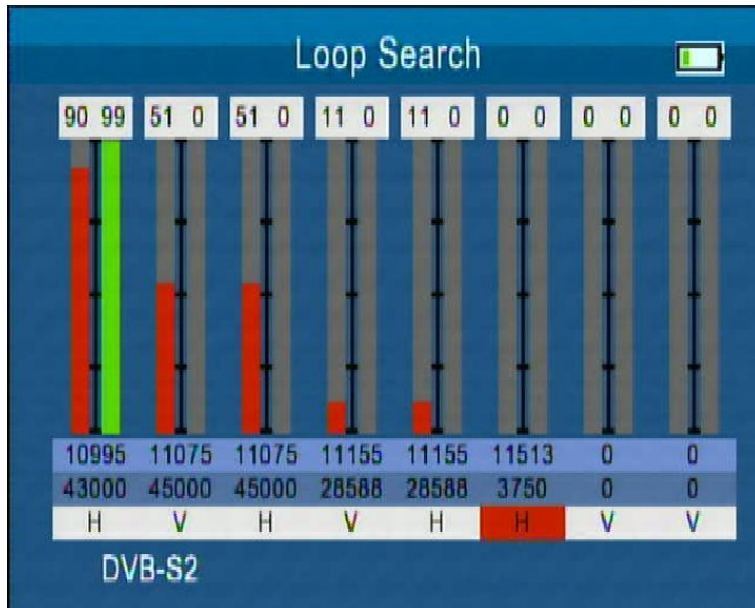
At the bottom left, there is a button labeled 'F1 DVB-S2'.

Press F1 key to change modes

Press ▲▼◀▶ keys to change channels

3.4.1 Quick Search

In the Loop Search setting interface, press OK key will enter into signals checking.



3.5 Angle Calculation

Select Angle Calculation, then press ok key into the angle calculation.



- 1, **Satellite:** Press ◀▶ keys to change the satellite
- 2, **Longitude:** it is longitude of the satellite, we can use OK key input value then press ◀▶ keys to select west or east.
- 3, **My Location:** it is longitude of the location, we can use OK key input value then press ◀▶ keys to select west or east. Latitude: we can use number key input value then select south or north.

4, My latitude: it is latitude of the location, we can use OK key input value then press ◀▶ keys to select north or south.

3.6 others

Select others, then press ok key into others setting

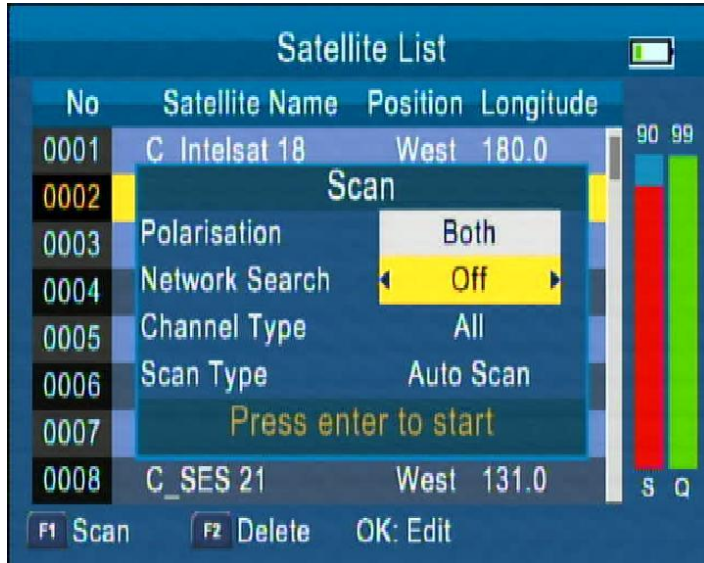


3.6.1 Satellite List

Select Satellite List, then press ok key into satellite List



1, Scan: press F1 key into satellite scan



①, Polarisation: change the mode of polarisations

②, Network Search: switch on/off

③, Channel Type: set the result of channel type

④, Scan Type: set scan mode

Press OK key to start scan

2, Delete: delete the current satellite

3, Edit: press OK key to edit satellite, we can modify longitude of the current satellite

3.6.2 Transponder List

Select Transponder List, then press ok key into Transponder List



1, Satellite: press F1 key into satellite list

2, Delete: press F2 key to delete TP

3, Edit: press OK key into edit TP

3.6.3 Motor Setting

Select Motor Setting, then press ok key into Motor Setting



1, Satellite: select the current satellite

2, Transponder: select the current Transponder

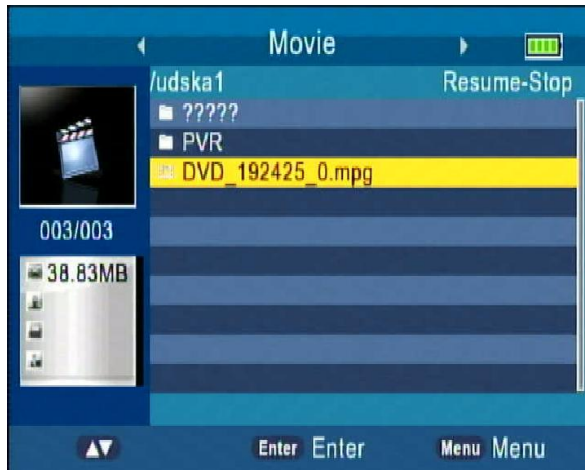
3, Motor Setting: select motor mode, USALS/DiSEqC1.2 or manual setting

3.7 Multimedia

Select Multimedia, then press ok key into Multimedia



Press OK key to select the disk, press menu key to return menu



Select file, then press OK key to play the file.

3.8 System Setting

Select System Setting, then press ok key into System Setting

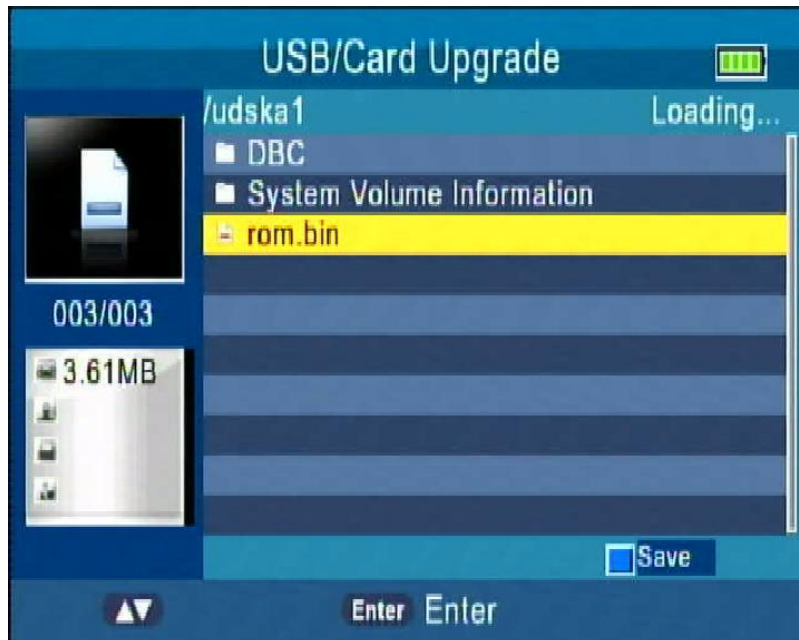


- 1, OSD Language: it sets language of UI
- 2, Country: select a country, it is related about database of CATV signal.
- 3, Time Zone: set Time zone
- 4, PWR Unit: set power unit
- 5, Torch: ON/Off the torch
- 6, Back LED: switch back LED
- 7, Upgrade: about "3.8.1 Upgrade Setting"
- 8, Factory Reset: set factory
- 9, Vison: check the Vison of machine

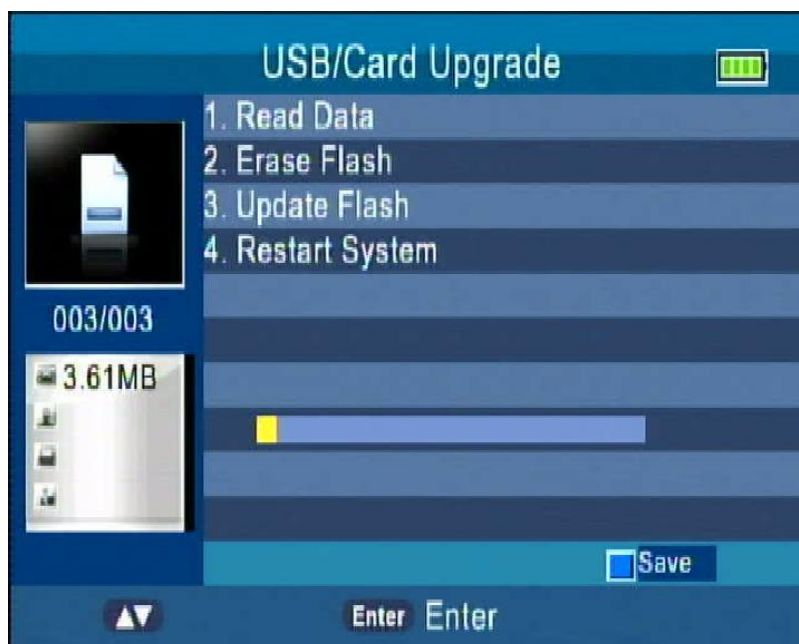
3.8.1 Upgrade Setting

Select Menu--> System Setting --> Upgrade, press OK key into USB upgrade.

The first, copy the file of upgrade into U disk, then insert the machine



Select the update file, then press OK key into the update process



Notice:

Please ensure that the battery has sufficient power, or insert the adaptor.

4 Technical Specification

TRANSMISSION STANDARDS	
DVB-S2/S, DVB-T/T2,J83A/C	
SATELLITE INPUT/DEMODULATION	
Connector Type	F Type
Input Frequency	950 to 2150 MHz
Signal Input Level	0~-80dBm
Band Switch Control	22KHz
LNB Supply	13V/18V, IMax 350mA
Demodulation Type	QPSK,8PSK,16APSK
Symbol Rate	2<Rs<45Mband(SCPC/MCPC)
DVB-T/T2 INPUT/DEMODULATION	
Connector Type	F Type
Input Frequency	48 to 862 MHz
Signal Input Level	0 ~ -80dBm
Demodulation Type	16QAM,64QAM,256QAM(DVBT2)
JB3A/C INPUT/DEMODULATION	
Connector Type	F Type
Input Frequency	48 to 862 MHz
Signal Input Level	0 ~ -67dBm
Demodulation Type	64QAM.256QAM
LCD FEATURES	
LCD Type	TFT TRANSMISSIVE
LCD screen	2.4"
Number of Dots	320(RGB) x240
DATA SERVICE PORT	
Connector	USB
Data protocol	USB2.0 interface
File management system	NTFS,FAT32
file format	wma,mp3,avi,jpg,jpeg,bmp etc
Power SUPPLY	

Li-ion Battery	7.4V/2600mAh
Adapter	OUTPUT :DC12V/1A, INTUPT :100-240VAC 50/60Hz
Power consumption	Max. 10W
PHYSICAL CHARACERSTICS	
Size (W x D x H)	17x 8x4 (cm3)
Net Weight	about 0.7kg