SATLINK®

Satellite Finder
WS-6933

User's Manual

CONTENTS

1. GUIDE 1

1.1 IMPORTANT SAFETY INSTRUCTIONS 1
1.2 UNPACKING 1
1.3 PRODUCT OVERVIEW & ILLUSTRATION 2

2. OUTLINE 4

3. THE MENU OSD INSTRUCTION 5

3.1 SAT SETTING 5
3.2 SIGNAL SCAN 6
3.3 TOOLS 7
3.4 SAT MANAGER 7
3.5 TP MANAGER 8
3.6 SYSTEM SETUP 8

4. TECHNICAL SPECIFICATION 9

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:

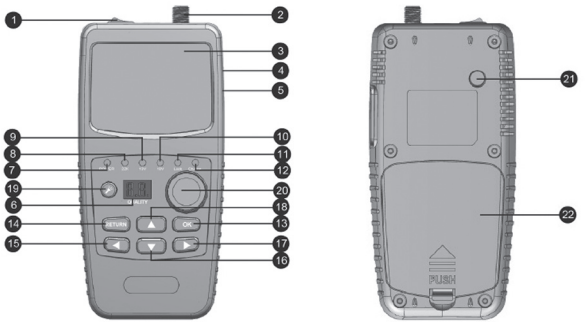
- Be sure to read this user manual before starting your operation.
- You must install the dish with correct direction and angle. If the dish is not working properly, contact your local dealer.
- When the unit is suddenly moved to a hot area from a cold area, it may cause some problems. In that case, 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. Digital Satellite Meter
2. User's manual
3. Sillicon Rubber Case
4. Adaptor

1.3 PRODUCT OVERVIEW & ILLUSTRATION



No	Description	Function
1	Power Switch	Turn on/off meter
2	LNB IN	Connect to satellite antenna cable
3	LCD Screen	Video display
4	USB Port	Connect to PC
5	DC Slot	Connect to Adaptor Input
6	Digital tube	Quality shows
7	Power	Power indicator light
8	22KHZ	22Khz indicator light
9	13V	Verticalpolarization voltage output light
10	18V	Horizontal polarization voltage output light
11	LOCK	Signal lock indicator light
12	Charger	Charger indicator light
13	OK	OK key

No	Description	Function
14	RETURN	RETURN KEY
15	◀	Right KEY
16	▼	DOWN KEY
17	▶	Left KEY
18	▲	Up KEY
19		Torch Switch
20	Compass	Mechanical Compass
21	Torch	Torch
22	Cover	The battery cover

2. OUTLINE

- Digital meter for signal strength and quality
- Sound and Light Alarm for Locking Signal
- Auto Calculate Angle of AZ, EL
- Supports DISEQC 1.0/1.1, 0/22khz Tone
- Beep Integrated
- LNB short protect
- Support mechanical compass
- 7.4V/800mAh Li-Ion Battery Included
- Software upgrade via USB port
- Easy to carry

3. THE MENU OSD INSTRUCTION

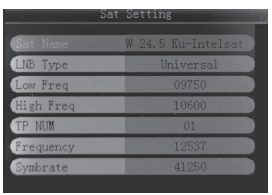
If you have installed and connected the cables of the meter, open the power switch, into the main menu.

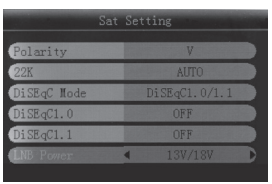
- Sat Setting
- Signal Find
- Tools
- SAT Manager
- TP Manager
- System Setup

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

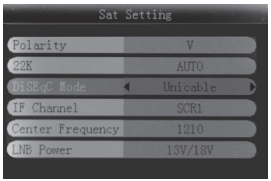
3.1 SAT SETTING

- Sat Name: press ◀▶ key to select satellite.
- LNB Type: press ◀▶ key to select LNB Type.
- Low Freq: press ◀▶ key to select Low Freq or press OK , then use the ▲▼ key to input the value.
- High Freq: press ◀▶ key to select Hi Freq or press OK , then use the ▲▼ key to input the value.
- TP NUM: press ◀▶ key to select TP number.





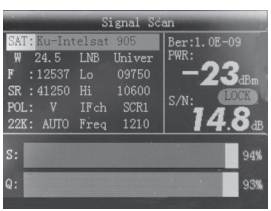
- Frequency: Frequency of the current transponder, input the value by using the ▲▼ keys.
- Symbrate: symbol rate of the current transponder, input the value by using the ▲▼ keys.
- Polarity: press ◀ ▶ key to change vertical or horizontal of polarization.
- 22K: press ◀ ▶ key to switch the 22K tone; if you select universal type, the 22K setting is AUTO.
- DiSEqC Mode: press ◀ ▶ key to set the type of port as DiSEqC1.0/1.1 or Unicable.
- DisEqc type & Input: If we select DisEqc 1.0/1.1, we can press ◀ ▶ key to set the port number. If select Unicable, we can press ◀ ▶ key to select IF Channel, and use ▲▼ key to input Center Frequency.
- LNB Power: press ◀ ▶ key to switch LNB power on /off.



When all of settings are ok, press RETURN , then press OK for save the edit.

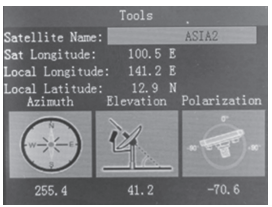
3.2 SIGNAL SCAN

Move the cursor to SAT, we can press ◀ ▶ key into satellite list, then press ▲▼ key to select satellite you want.
Move the cursor to F, we can press ◀ ▶ key into TP list, then press ▲▼ key to select TP you want. We can also press OK , then use ▲▼ key to edit TP frequency.
Move the cursor to SR, we can press OK , then use ▲▼ key to edit Symbol rate.
Move the cursor to POL, we can press ◀ ▶ key to change vertical or horizontal of polarization.
When all of settings are ok, we can check the LNB signal.



3.3 TOOLS

Press ▲▼ key to move the cursor, then press OK to select the option. Press ▲▼ key to input value, and press ◀ ▶ key to set east/west or north/south. The bottom of the screen can get the parameters of the satellite.

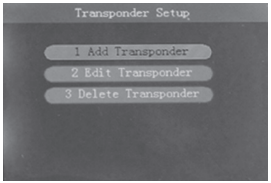


3.4 SAT MANAGER

- Add Satellite
- Edit Satellite
- Delete Satellite

Add Satellite: the setting refer to Antenna Setup.
Edit Satellite: press ◀ ▶ key to page up /down; then press ▲▼ key to select the satellite; press OK to edit satellite setting, refer to Antenna Setup.
Delete Satellite: refer to Edit Satellite then press OK to delete satellite.

3.5 TP MANAGER

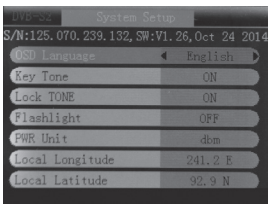


- Add Transponder
- Edit Transponder
- Delete Transponder

Please refer to Satellite Setup.

3.6 SYSTEM SETUP

The first line is the Hardware serial number and the software Version.



- Set Language: switch the system language.
- Key Press Beep: switch the key beep.
- Signal Lock Beep: switch beep alarm.
- Flashlight: switch flashlight.
- Signal Strength: select the signal unit.
- Local longitude: set local longitude.
- Local latitude: set local latitude.

4. TECHNICAL SPECIFICATION

TRANSMISSION STANDARDS	
DVB-S/S2	
SATELLITE 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, IMax300mA
Demodulation Type	QPSK /8PSK /16APSK
Symbol Rate	2<Rs<45Mband(SCPC/MCPC)
LCD FEATURES	
LCD Type	TFT Positive transflective
Number of Dots	240(RGB)*320
Active area (WxH)	36.72(W) * 48.96(H)MM^2
DATA SERVICE PORT	
Connector	USB
Data protocol	USB to RS-232
POWER SUPPLY	
Li-Ion Battery	7.4V/800mAh
Adapter	OUTPUT: DC12V/1A INPUT: 100-240VAC 50/60Hz
Power consumption	Max. 5W
PHYSICAL CHARACERSTICS	
Size (W x D x H)	8x16x4(cm^3)
Net Weight	0.25kg