

A large, gray, three-dimensional rectangular bar with a beveled left edge, extending horizontally across the middle of the page. The text "WS-6923" is printed in black on its front face.

**WS-6923**

**USER'S MANUAL**



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# **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.

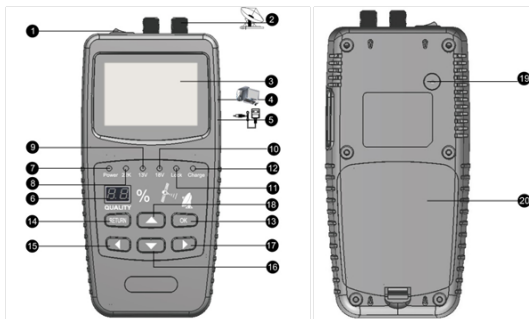
■ No liquids or any other materials to come inside of the unit.

## 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 SatelliteMeter
- 2.User's manual
- 3.USB cable
- 4.Adaptor
- 5.Silicone case

## 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	Vertical polarization 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
14	RETURN	RETURN KEY
15	◀	Right KEY
16	▼	DOWN KEY
17	▶	Left KEY
18	▲	Up KEY
19	Torch	Torch
20	Cover	The battery cover

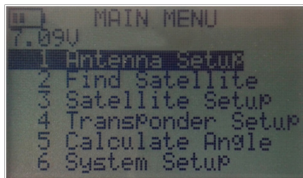
## 2. OUTLINE

- 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
- 8.4V/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.

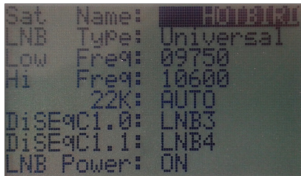
- Antenna Setup
- Find Satellite
- Satellite Setup
- Transponder Setup
- System Setup



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 Antenna Setup



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 key; then use the ▲▼ key to input the value

Hi Freq: press ◀▶ key to select HiFreq or press OK key; then use the ▲▼ key to input the value

22K: press ◀▶ key to switch the 22K tone; if you select universal type the 22K setting is auto

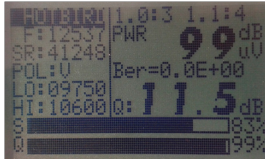
DiSeqC1.0 1.1: press ◀▶ key to switch LNB port

LNB Power: press ◀▶ key to switch LNB power on /off.

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

### 3.2 Find Satellite

In the first line, we can press left or right key to switch the satellite.



In the second line, we can press left or right key to switch TP; then press ok key, we can use up or down key to edit TP frequency.

In the third line, we can press ok key, then edit Symbol rate.

In the fourth line, we can press left or right key to select h or v polar.

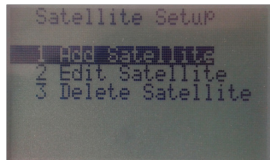
When all of settings are ok, we can check the LNB signal.

### 3.3 Satellite Setup

#### 1. Add Satellite

#### 2. Edit Satellite

#### 3. 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 key to edit satellite

setting, refer to Antenna Setup.

Delete Satellite: refer to Edit Satellite then press ok key to delete satellite.



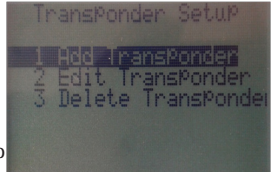
### 3.4 Transponder Setup

1. Add Transponder

2. Edit Transponder

3. Delete Transponder

Please refer to Satellite Setup



### 3.5 Calculate Angle

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

```
Parameter Setting
Sat Long.: 138.4 E
Local Long.: 141.2 E
Local Lat.: 12.9 N
--Angle--Calculated--
Elevation: 74.3
Azimuth: 194.0
Polarization: -13.6
```

### 3.6 System Setup

The first line is the SW Ver

The second line is the Hardware serial number.

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

```
SW Ver1.99,2013-05-03
S/N: 068.075.062.080

Set Language: ENG/13?
Key Press Beep: ON
Signal Lock Beep: ON
Flashlight: ON
Signal Strength: dbuv
```

## 4. Technical Specification

TRANSMISSION STANDARDS	
DVB- S	
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, IMax 300mA
Demodulation Type	QPSK
Symbol Rate	2<Rs<45M band(SCPC/MCPC)
LCD FEATURES	
LCD Type	FSTN Positive transfective
Number of Dots	128 x64
Active area (WxH)	59.6x43 mm <sup>2</sup>
DATA SERVICE PORT	
Connector	USB
Data protocol	USB to RS-232
POWER SUPPLY	
Li-Ion Battery	8.4V/800mAh
Adapter	OUTPUT :DC12V/1A, INTUPT :100-240VAC 50/60Hz
Power consumption	Max. 5W
PHYSICAL CHARACTERISTICS	
Size (W x D x H)	8x16x4(cm <sup>3</sup> )
Net Weight	0.25kg

# **SATLINK**

USER'S MANUAL