

# HIDALINE



**SF-700**

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:

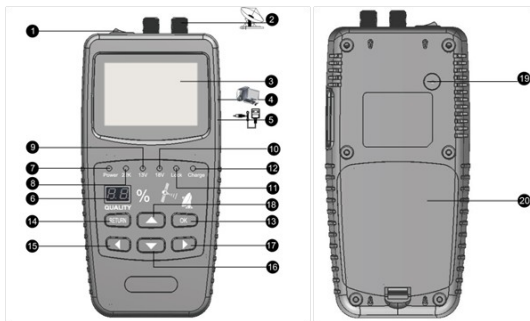
- Be sure to read this user manual before starting your operation.
- You must install the dish with correct direction and angle. If the dish is not working properly, contact your local dealer.
- When the unit is suddenly moved to a hot area from a cold area, it may cause some problems. In that case,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

## 1.3 PRODUCT OVERVIEW & ILLUSTRATION



## Digital Satellite Finder

NO	Description	FUNCTION
1	Power.Switch	Turn.on/off.meter
2	LNBI.N	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

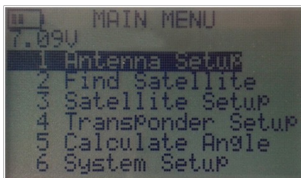
## 2. OUTLINE

- 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: [REDACTED]
LNB Type: Universal
Low Freq: 09750
Hi Freq: 10600
      22K: AUTO
DiSEqC1.0: LNB3
DiSEqC1.1: LNB4
LNB Power: ON

```

**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

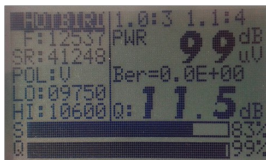
**22K**:press. ◀▶.key.to.switch.the.22K.tone;.if.you.select.universal.type.the.22K.setting.is.auto

**DiSEqC1.0 1**.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.

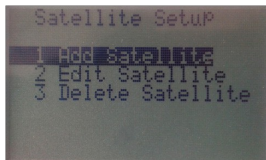
When all of settings are ok, we can check the LNB signal.

### 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.

Index	Satellite Name	Frequency
01	ASTRA	09750
02	EUTELSAT	09750
03	NILESAT	09750
04	HOTBIRD	09750
05	ASTRA	09750
06	ALT BIRD	09750
07	eurobird	09750

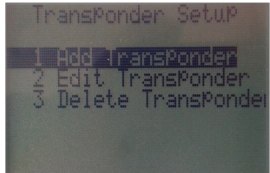
### 3.4 Transponder Setup

#### 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.: 141.2 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: [EN] [US]
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.transflective
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.CHARACERSTICS	
Size.(W.x.D.x.H)	8x16x4(cm <sup>3</sup> )
Net.Weight	0.25kg

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