成品尺寸:95*150mm,采用128g双铜印刷,骑马钉装订

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Digital Satellite Finder

USER'S MANUAL



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	1. Do not use two different power sour

- Support 0/22KHz control o not lay the device close to heating source, in t nshine, in place with strong vibration or full of du
- With signal strength and quality displa Clean the device with soft dry fabric, do not drop liqu Support DVB-S and DVB-S2 function
- le reserve the right to make changes to its products a y time without notice in order to improve design and oly the best possible product. Accordingly operation
- thod may change. If you have any question, please nsult the manufacturer.
- o notuse two different power sources simultaneous'
 - and current capacity>500mA is better, otherwise use power adaptor instead. 3. Use the compass attached for directional reference

tic field of current.

connect power again.

1. Safety use

Do not touch the LCD screen.

- 4. If short circuit happens when connecting cable, the sc
- will show "Input signal shortcircuit! Please powero (5) DOWN: Move cursor down (1) Buzzer or flash, please check and remove the problem, the ⑥ LEFT: Move cursor left

- Support DisEqc1.0 control

2. Features

- Contact the provider should malfunction happer
- 2. If utilize satellite receiver to supply power, 18V setting
- before power on, otherwise it will be affected by magr
 - 4 UP: Move cursor up 10 Compass

- Please read this manual carefully before first time us/
 - ency etc
- Accurate and convenient facility for antenna installation Do not place heavy items on the device
- lace the device in ventilated surrounding: 3. Panel introduction
- Damaging the device on operation without following to uideline would not be warranted.

- + + + + +
- - (2) Signal Output(to receiver) (8) OK: Confirm (Enter) (9) EXIT: Exit (Cance

- Capable to edittransponder, symbol rate and LO frequency
 - The screen will show "Welcome! Initializing now, please wait amoment "temporarily when power is conne-

cted, then enterthe main menu.

- Press "UP" or "DOWN" button to move cursor to the

List Satellite Add Satellite Edit Satellite Add Transponder Edit Transponder Angle Calculation

MAIN MENU

Find Satellite

- - - menu as following:

LO Freq: 05150

- Down Freq: 03980
- function selected then press "OK" button to confirm (enter). DiSEqC1.0: OFF

45678910 Function

The function offers quick access of satellite, paramet (1) Signal Input(from LNB) (7) RIGHT: Move cursor rig selection and signal status display. It also can modify se ected parameter directly.

4.1 Find Satellite

Operation

Select the function and press "OK" button to enter the

Symbol Rate: 27500

S: 85% Q: 75%

"RIGHT" button to select digit which you need to edit

4. Main menu operation description Sat Name: Sat 01

Polarity: H

1. Press "UP" or "DOWN" button to move cursor to "Sat Name", press "LEFT" or "RIGHT" button to select different satellite. Similarly, moving cursor to "LO Freq" or "Down Freg" can select different local oscillator freguency of LNB or down link frequency, moving cursor to "Polarity", "DiSEqC1.0", "22K" or "Buzzer" can

2. If need to modify parameter, press "UP" or "DOWN"

3. Move cursorto "S: Q: " and press "OK" button,

select different control status respectively.

22K: OFF Buzzer: OFF

When press "EXIT" button to exit the menu, the screen will show "Press OK to SAVE, others to EXIT", you can

the screen will show as following, this offers more obvious signal status inspection.

decide to save the last modification or not

3. Press "EXIT" to exit currentmenu.

Function The function can show all satellite message, transponders, signal strength and quality. It offers the convenience of check and operation Operation Select "List satellite" and press "OK" to enter the fo

List Satellite

Name: Sat 01 button to move cursor to the selected parameter and press "OK" button to entersetting function, press "LEFT" or LO Freq: 05150 22K: OFF then press "UP" or "DOWN" button to change number (number: 0~9), press "OK" button to confirm and exit the

DiSEqC1.0: OFF 1. Press "UP" or "DOWN" button to select satellite, pres "OK" to enter the transponder list of the satellite as follows:

0001 03840 (H) 27500 0002 03706 (H) 04420 0003 03825 (V) 06790

2. Press "UP" or "DOWN" button to move cursor, press "LEFT" or "RIGHT" button to change page. Select the transponder and press "OK" button to show the signal strength and quality as following.

0001 03840 (H) 27500

3. Press "EXIT" button to exit current menu

Select and enter the "Add Satellite" menu as following

LO Freq: 05150

DiSEqC1.0: OFF

Add Satellite

Name:

4.3 Add Satellite

22KHz and DiSEqC1.0 control.

Function

Operation

4.2 List satellite

press "LEFT" or "RIGHT" button to select digit, then p ess "UP" or "DOWN" button to change number (nun :0~9), press "OK" button to confirm and exit the curre

4. Press "EXIT" to exit current menu when you finis this setting, and it will show "Press OK to SAVE, others

ess "OK" button to confirm and exit current setting

or "RIGHT" to change setting respectively

2. Press "UP" or "DOWN" button to move cursor to

"LO Freq", "22K" or "DiSEgC1.0", then press "LEF"

3. If need to modify LO frequency, move cursor to "I

Freq" and press "OK" button to entermodifying function

EXIT", make a selection according to your requirement.

Select and enterthe "Edit Satellite" menu as follow

Edit Satellite

LO Freq: 05150

DiSEqC1.0: OFF

According to the user's requirement, they canadd some 4.4 Edit Satellite new satellites. It includes satellite name, LO Frequency. Function In this menu, user can edit satellite name, LO frequence

nt satellite.

Operation

22KHz and DiSEqC1.0 control. Also you can delete curr to EXIT", make a selection according to your requirement 4.5 Add Transponder

ur requirement.

Function

transponders in this function.

Operation Select and enterthe "Add Transponder" menu as foll-

According to the user's requirement, they can add n

1. Move cursorto "Name" and press "OK" button to 1. Move cursorto "Name", press "LEFT" or "RIGHT" enter adding satellite name function. Press "LEFT" o button to select satellite. If need to edit satellite name, pr-RIGHT" to move cursor to select the letter or digit position ess "OK" button to enter, press "LEFT" or "RIGHT" to then press "UP" or "DOWN" button to set the letter of select the letter or digit, then press "UP" or "DOWN" number (capital: A~Z; lowercase: a~z; number: 0~9). button to change setting (capital: A~Z; lowercase: a~z

> rrent setting 2. Press "UP" or "DOWN" to move cursor to "LO Freq" "22K" or "DiSEqC1.0", then press "LEFT" or

> > "RIGHT" to change setting respectively.

number: 0~9), press "OK" button to confirm and exit cu-

press "OK" button to confirm and exit the current setting

2. Press "UP" or "DOWN" button to move cursor 3. If need to modify LO frequency, move cursor to "LO "Down Freq", press "OK" button to enter, press "LE Freq" and press "OK" button to entermodifying funct or "RIGHT" button to select digit, then press "UP" or press "LEFT" or "RIGHT" button to select digit, then pr-DOWN" button to set the number (number: 0~9), press ess "UP" or "DOWN" button to change the digit setting "OK" button to confirm and exit current setting. Symbol

4. Press "EXIT" to exit currentmenu when you have fir shed setting, and it will show "Data change! Press OK to this setting, and it will show "Press OK to SAVE, others SAVE, others to EXIT", make a selection according to yo-

5. If select "DEL Satellite" and press "OK" button, will show "Are you sure to DEL? press OK to DEL, others

you can delete current transponder.

Select Satellite

001 Sat 01 05150

002 Sat 02 11300

to EXIT", make a selection according to your requiremen

the satellite listas following

press "LEFT" or "RIGHT" button to enterdifferent page Satellite: Sat 01 select the satellite and press "OK" button to enter "Ec Down Freq: 03803 it transponder" as following. Symbol Rate: 08800

Edit Transponder Satellite: Sat 01 Down frequency: 03803 "Satellite", press "LEFT" or "RIGHT" button to select Symbol Rate: 08800 Polarity: V DEL Transponder

2. Press "UP" or "DOWN" button to move cursor to rate can be set with same procedure. "Down Freq", press "OK" button to entersetting, press "LEFT" or "RIGHT" button to select digit, then press 3. Press "EXIT" to exit currentmenu when you finis UP" or "DOWN" button to set the number (number: 0~

4.6 Edit Transponder

Operation

Function Users can editall the transponders in this menu, also

Add Transponder

Polarity: H

1.Press "UP" or "DOWN" button to move cursor to

the satellite.Polarity status can be set similarly.

4. Press "EXIT" to exit currentmenu when you fin

this setting, and it will show "Press OK to SAVE, others to EXIT", make a selection according to your requireme When you enter "Edit Transponder" menu, it will sho

to your requirement.

press "OK" button to confirm and exit current setting

3.Press "UP" or "DOWN" button to move cursor

"Polarity", press "LEFT" or "RIGHT" button to char

Symbol rate can be set with same procedure.

4.7 Angle Calculation

Operation

The function can calculate antenna elevation, azimuth and LNB polarization angle according to satellite longitude,

it is useful for receiving installation. 2.Input signal Input level range: -25dBmV~-65dBmV

1. Move cursorto "Angle Calculation" press "OK" enter as following.

Parameter Setting Sat Long.: 000.0 E Local Long.: 000.0E Local Lat.: 00.0 N

local location longitude and hemisphere parameter settin

Angle Calculated Elevation: 90.0

Polarization: 000.0

LEFT" or "RIGHT" button to select digit position, then

2. Press "UP" or "DOWN" button to move cursor Power Supply Output: 13V DC 1000mA the parameter and press "OK" button to enter, press

3. The letter "E". "W". "N" and "S" means east

longitude, west longitude, north hemisphere and so hemisphere respectively. These letters can be set similarly

5. Select "DEL Transponder" item to delete curren omatically when parameter is setting. Elevation angle i transponder, and it will show "Are you sure to DEL? press ounted from horizon upward, azimuth angle is from nor OK to DEL, others to EXIT", make a selection according

Press "EXIT" button to exit the menu.

5. Specifications

1. Input frequency Frequency Range: 950MHz~2150MHz

Input impedance: 75Ω Symbol rate: 1Msps ~ 45Msps

Connectors: Ftype female

Operating temperature: -10°C ~ +50°C QPSK 8PSK demodulation: supported 22KHz control: supported DiSEqC1.0 protocol: supported

Azimuth: 180.0

ToLNB: 13V, 18V,>500mA Power Supply Input: AC110~220V 50Hz/60Hz

5. Attachments

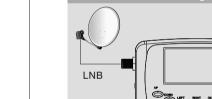
Power Supply:

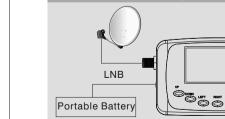
Operation manual:

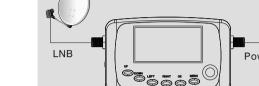
press "UP" or "DOWN" button to set the number, press "OK" button to confirm and exit current setting.

6、Connecting diagram



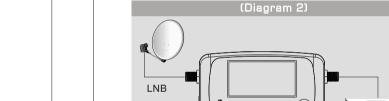




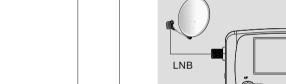


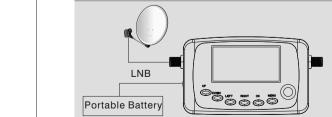












(Diagram 3)

Li-ion battery (selectable 4. The angle data can be calculated and displayed au

Charger (selectable)