

SF250A User Manual

Congratulations on purchase of your new 'Smart Phone Satellite Meter'. Your new meter will work on most Android devices with Bluetooth.

Locate and install the 'Sat Finder' app from Google Play Store on your device.
<https://play.google.com/store/apps/details?id=com.rrioo.sateliteone>

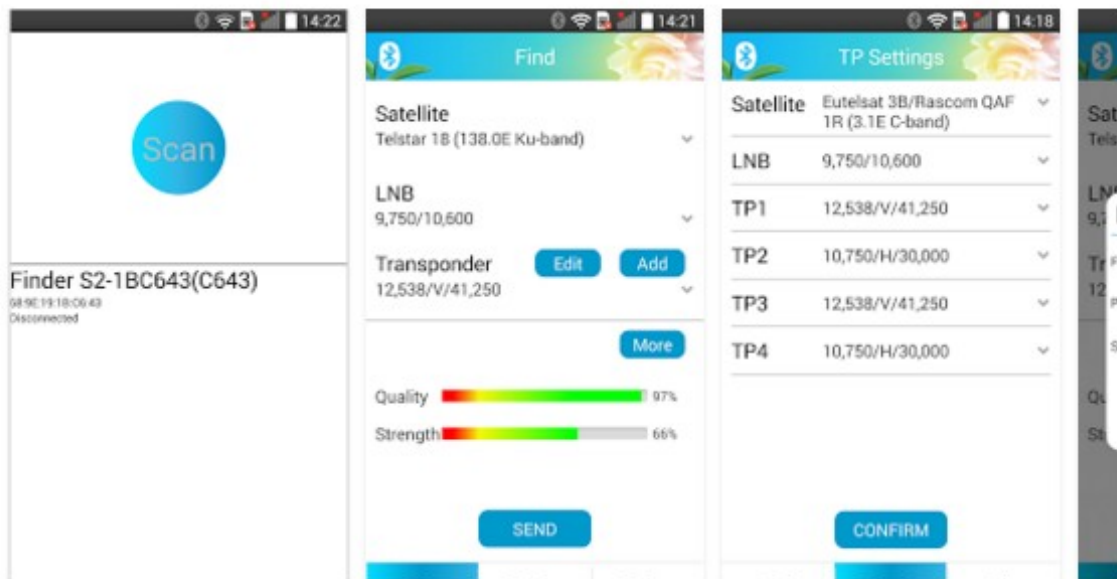


Sat Finder

Shenzhen rrloo Technology Co.,Ltd Tools

★★★★★ 5

Everyone



Sat Finder APP work with Bluetooth Sat Finder hardware and show satellite signal strength and signal quality when install satellite TV dish.

Sat Finder APP also could transfer transponder parameters to the Bluetooth Sat Finder.

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1. The SF250A has a 'F' connector on the right side that is marked 'LNB' for connecting your LNB or LNBF.

The SF250A has a 'F' connector on the left side that is marked 'DC 13V/18V' for connecting your receiver.

Connect the SF250A to your LNBF first and to your receiver last.

Note:

The SF250A needs the external equipment (your receiver) to provide DC 13V/18V supply to be operational.

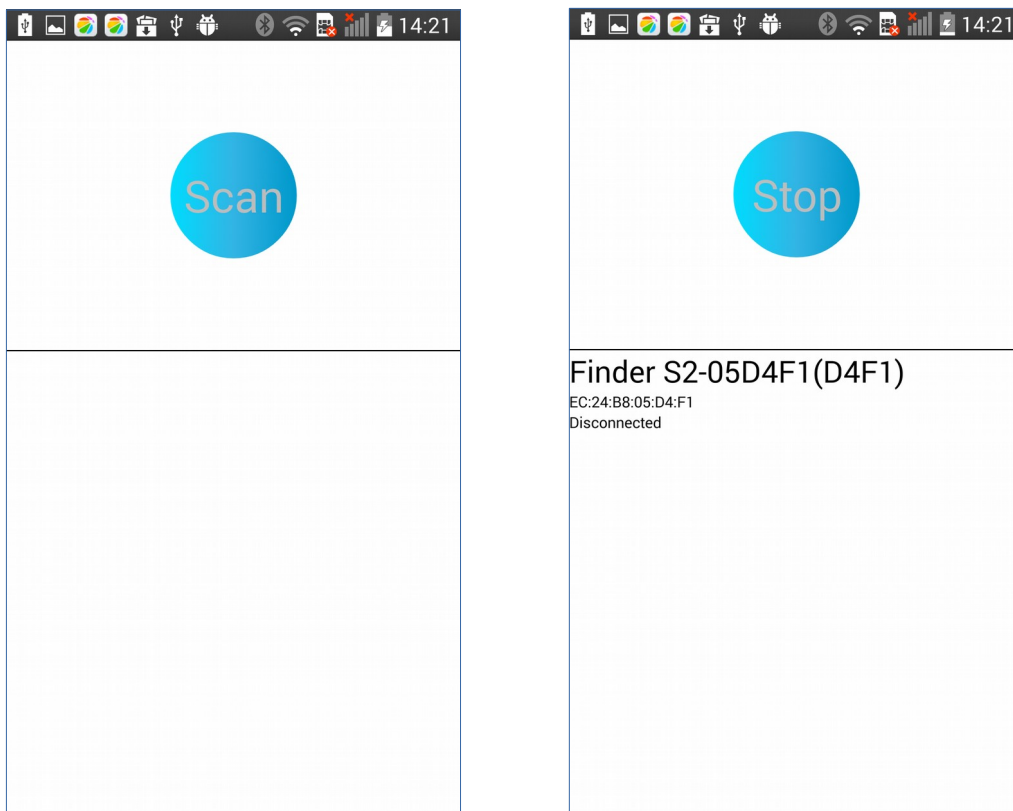
Note:

After switching between 13V and 18V on the SF250A, disconnect and reconnect the power supply (your receiver).



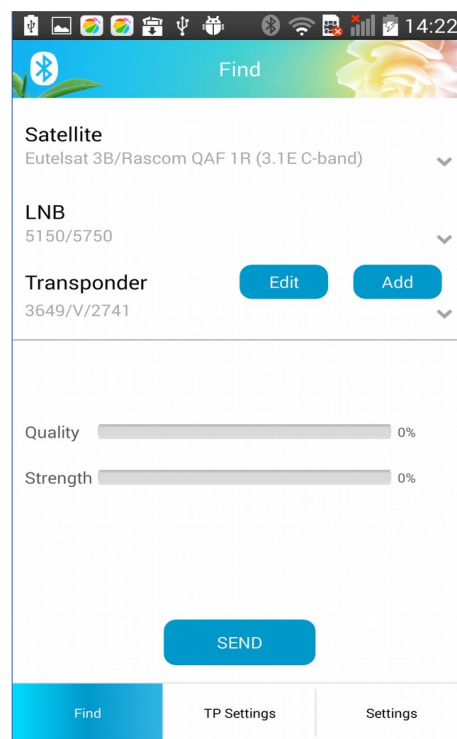
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2. Open the Bluetooth function on mobile phone, and open the SF250A 'SAT FINDER' mobile application interface, 'Scan' will be displayed, click to search and connect to the SF250A. When the mobile phone is connected to the SF250A, you can see settings for 'Satellite', 'LNB' and 'Transponder'.



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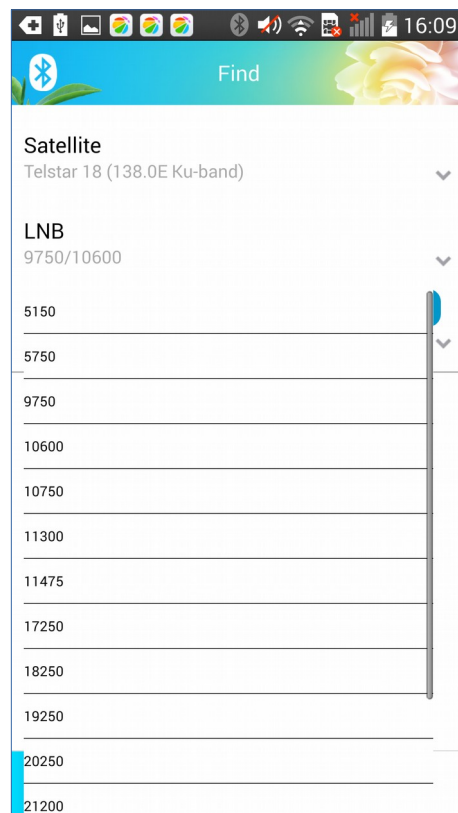
3. Click on the default satellite under the '[Satellite](#)', the satellite list will pop up, click to select the satellite you want to test.



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4. LNB LOCAL OSCILLATOR SETTING

Click on the default Local Oscillator under the '**LNB**', a local oscillator list will pop up. Click to select the Local Oscillator that matches the Local Oscillator of **your LNB/LNBF**.



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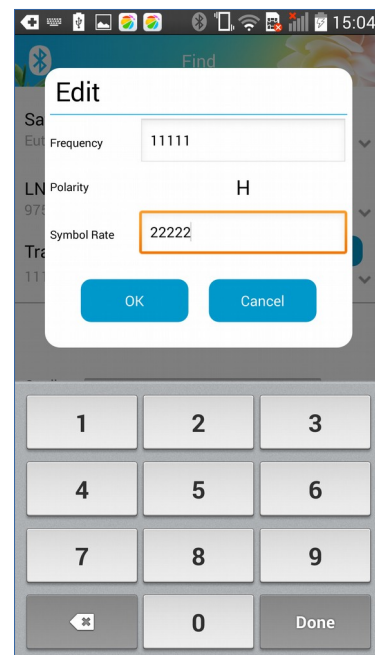
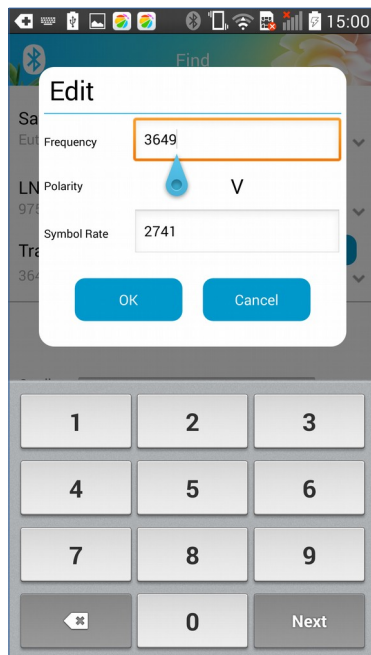
5. There are three TP set methods.

A. Click on the default TP under the '**Transponder**', it will pop up the TP list, click to select the TP you need to test.

The screenshot shows the 'Find' screen of the SF250A mobile application. At the top, there's a status bar with various icons and the time 14:58. Below the status bar is a header with a Bluetooth icon and the word 'Find'. The main content area is divided into three sections: 'Satellite' with the value 'Eutelsat 3B/Rascom QAF 1R (3.1E C-band)', 'LNB' with the value '9750/10600', and 'Transponder' with the value '3649/V/2741'. To the right of the 'Transponder' field are 'Edit' and 'Add' buttons. Below the 'Transponder' field is a list of selectable transponder frequencies: 3649/V/2741, 3794/H/3590, 3797/H/2442, 3970/V/2741, 3975/V/3111, and 3986/V/13557. A 'SEND' button is located at the bottom of the main content area. The bottom navigation bar has three tabs: 'Find', 'TP Settings', and 'Settings'.

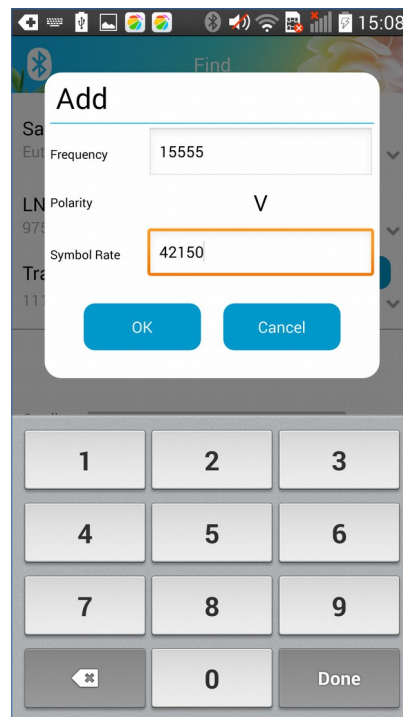
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B. Click on 'Edit' to edit the current TP. Click on the parameters which need to be modified. Each parameter will pop up a input box. Click 'OK' after each modification is completed. (pay attention to the input parameter whether it is correct and whether it already exists)



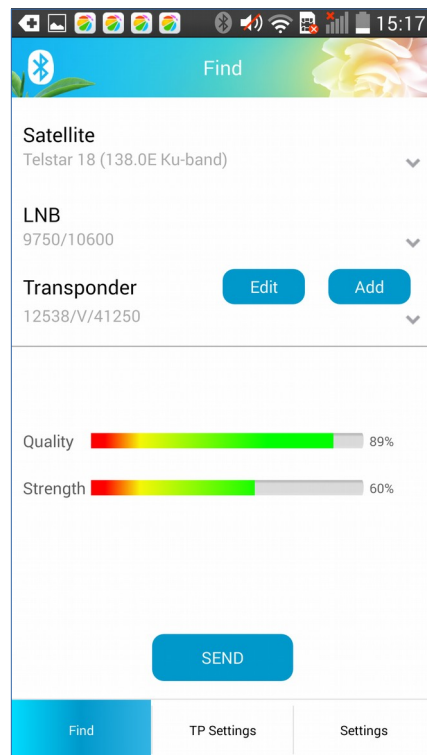
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C. Click on the 'Add'. Input the TP you want to test. Click OK after the modification is completed. Go to TP list to choose the TP you just entered.
(pay attention to the input parameter whether it is correct and whether it already exists)



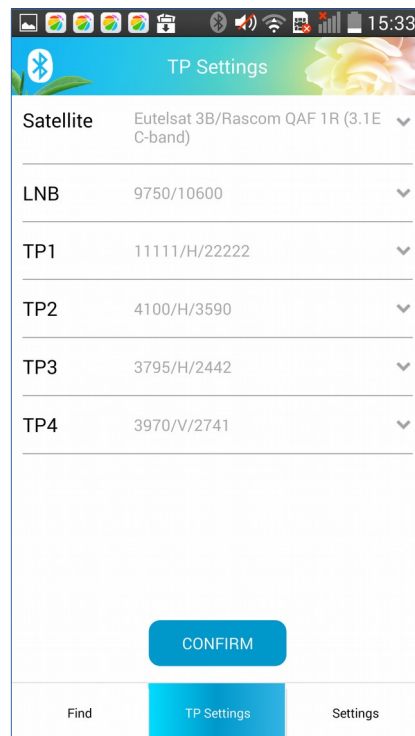
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6. Click on the '**Send**' after choosing the parameter you want. If there is signal the SF250A will make a sound, the quality indicator will show green, and LOCK light will show green.



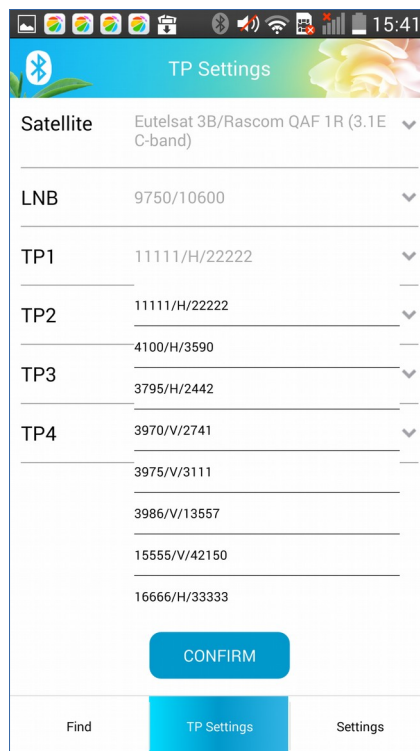
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7. The TP Settings menu has 4 TPs pre-installed. You can switch between them by using 'TP' button on the face of the SF250A. When switching, you can distinguish between TPs by the buzzer sound number, TP1 sounds once, TP2 sounds twice, and so on.



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8. TP Settings can modify the parameters according to your requirements. Press '**CONFIRM**' to confirm after each parameter is modified. Use the '**TP**' key on bottom right of SF250A to operate. If there is a signal the SF250A will make a sound, the quality indicator will show green, and LOCK light will show green.



9. In the '**Settings**' option you may choose '**Change Device**' to disconnect the current equipment.

Note:

There is a protective film on the face of the meter. Remove the film to remove any blemishes.