



STEREN[®]

USER GUIDE

SkyTracker Pro II Digital Satellite Meter

SkyTracker™ Pro II (Item No. 203-622)

The SkyTracker™ Pro II is designed to aid in properly aligning satellite antennas in the 950-2150 MHz frequency range and is warranted for one full year from date of purchase against manufacturing defects. All units returned to Steren for warranty replacement will be fully tested to determine the cause of failure before a replacement or credit (at our option) is issued.

Getting Started

The SkyTracker™ Pro II is packaged with:

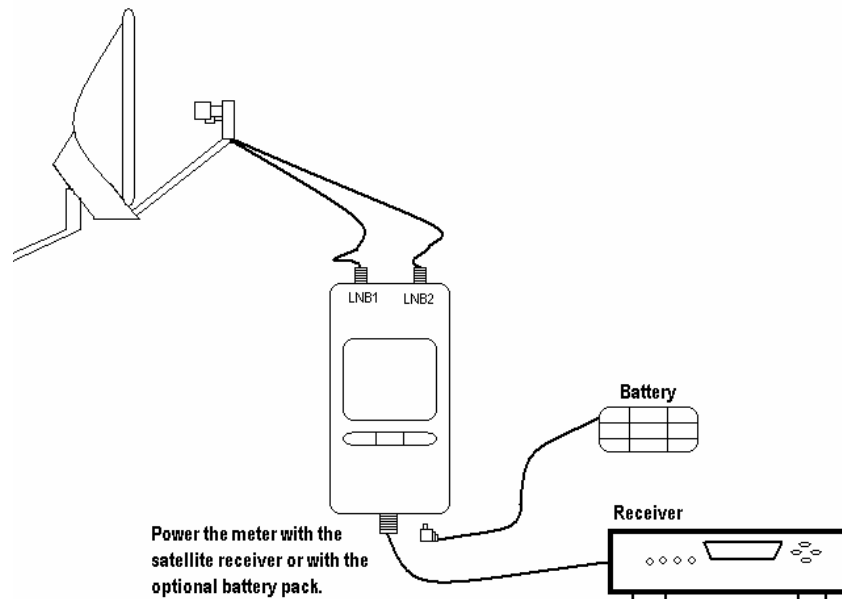
- External Ni-Cad battery pack
- 120V AC power adapter/battery charger
- 12V DC car adapter
- Leather carry case
- RG-59 jumper

Charging the Battery

The SkyTracker™ Pro II can be powered by either the external Ni-Cad battery pack or a satellite receiver. To switch between power sources, press the Offset button. Before initial use, we suggest you fully charge the external battery.

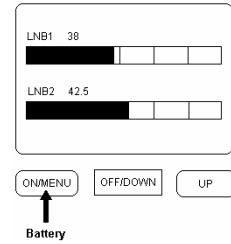
To charge the external battery, plug the wall charger or vehicle charger into the 10.3-11.5VDC socket on the battery pack. The charging cycle takes approximately 5 hours to fully charge a dead battery. The circuit has a built-in regulator that prevents overcharging.

A fully charged external battery will last for approximately 5-6 hours of continuous use. To extend the field use time, the meter can be powered directly from a satellite receiver via an RG6 coaxial cable. Please note that the satellite receiver power will not charge the external battery.



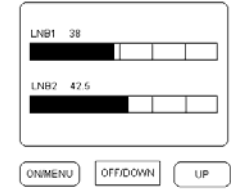
Powering the Meter

If you connect a satellite receiver to the SkyTracker™ Pro II, it will power up immediately. If you are powering the meter with an external battery pack, the unit will not respond until you press the “ON/MENU” button. To turn the unit off press and hold the “OFF/DOWN” button.



LCD Signal Strength

The SkyTracker™ Pro II defaults to an LCD signal strength read-out when switched on. As the signal strength increases, the signal bars fill in and a numeric signal strength is displayed above each signal bar.



Audible Tone Signal Strength

Pressing the “OFF/DOWN” button once activates the Audible Tone and places a “T” directly above the top signal bar, indicating that the Audible Tone is active on LNB1.

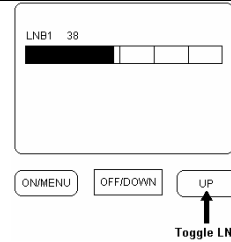
Pressing the “OFF/DOWN” button again places a “T” directly above the bottom signal bar, indicating that the Audible Tone is active on LNB2.

Pressing the “OFF/DOWN” button again deactivates the Audible Tone.



Checking Alignment Visually

Pressing the “UP” button will toggle the SkyTracker™ Pro II between LNB1 and LNB2 allowing one signal at a time to pass through the meter to the receiver. The receiver can then properly process and display the signal on a monitor.

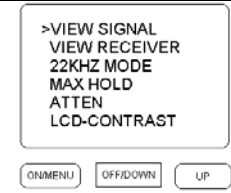


Expanded Menu

Press the “ON/MENU” button once to access the expanded menu.

Press the “OFF/DOWN” and “UP” buttons to scroll through the selections.

Press the “ON/MENU” button to make a menu selection.





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Expanded Menu

>VIEW SIGNAL

This is the screen you will see when you first turn on the SkyTracker™ Pro II. The bars indicate the general signal strength of both LNBFs. If desired, you can look at only one LNB by pressing the “UP” button. Press the “UP” button again to look at only the second LNB; one more press of the “UP” button takes you back to both LNBFs.

>VIEW RECEIVER

The SkyTracker™ Pro II will display the voltage provided by the satellite receiver or battery, indicate the current draw in mA of the connected LNB(s), and show if a 22kHz tone is being sent by the receiver. You can also measure voltage at the receiver and then at the end of the coax and calculate the voltage loss through the coaxial cable.

Pressing the “OFF/DOWN” button brings up a second screen which displays the requested port number from a Dish Network receiver.

>22kHz MODE

The SkyTracker™ Pro II has a built-in 22kHz tone generator that allows you to control many 22kHz multiswitches (such as the DirecTV 5x4 switch). The 22kHz tone can only be activated on the top port, which will allow you to look at the 119° satellite on the top graph and the 101° satellite on the bottom bar graph simultaneously. Note: If the 22kHz Mode is OFF the tone will NOT pass from a receiver. Also, the TOGGLE mode automatically switches between ON and OFF.

>MAX HOLD

This function superimposes a small bar at the end of the bar graph (signal strength) which keeps track of the maximum signal received. This can be turned on or off as needed.

>ATTEN

The ATTEN function inserts approximately -15dB of attenuation to reduce the incoming signal strength. You should turn on this function if the bar graphs are maxed out and are not moving.

>LCD-CONTRAST

Select “DARKER” or “LIGHTER”, then press the “ON/MENU” button repeatedly to darken or lighten graphics. Select “EXIT” and press the “ON/MENU” button to save.

>AUTO OFF

This sets the automatic timer to turn the meter off when the battery is used for power. Select the setting you prefer and press the “ON/MENU” button to save the time you selected.