

SkyTracker™ Plus (Item No. 203-621)

The SkyTracker™ Plus 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™ Plus 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™ Plus 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.

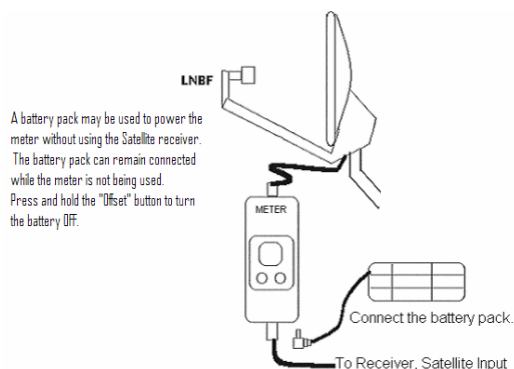
A fully charged external battery will last for approximately 5-6 hours of continuous use. To extend the field use time, the meter can be powered directly from a satellite receiver via an RG6 coaxial cable. Please note that the satellite receiver power will not charge the external battery.

LED Indicators

The SkyTracker™ Plus defaults to an LED signal strength read-out when switched on. As the signal strength increases more LEDs will turn on and as the signal strength decreases more LEDs will turn off.

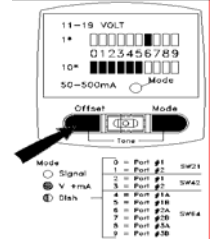
Audible Tone

A variable audible tone is available if you would prefer listening to the SkyTracker™ Plus rather than watching the LEDs. To switch on/off the audible tone press the Offset and the Mode buttons at the same time. The audible tone will get louder as signal strength increases and softer as signal strength decreases.



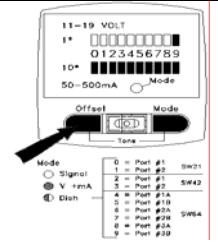
Powering the Meter

If you connect a satellite receiver to the meter, the LED bars will light immediately. If you are powering the meter with an external battery pack, the unit will not respond until you press the "Offset" button. The meter will then power up in the LED signal strength mode at maximum sensitivity. To turn the unit OFF press AND HOLD the "Offset" button.



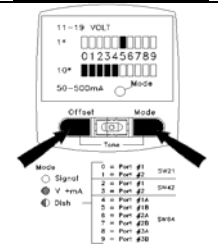
Signal Meter Maxed

If the "Signal Meter" has maxed out, as illustrated at right, press the "Offset" button once. This will add approximately -15dB of attenuation and reduce the sensitivity of the meter.



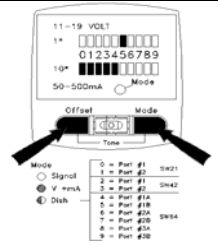
Audible Tone Signal Strength

Press the Offset and Mode buttons at the same time to switch the audible tone on/off.



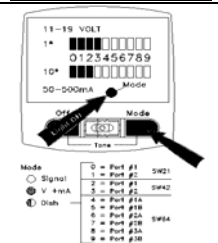
LED Signal Strength

The SkyTracker™ Plus defaults to an LED signal strength read-out when switched on. As the signal strength increases more LEDs will turn on and as the signal strength decreases more LEDs will turn off.



Checking Volts and mA

To switch to a volt meter press the "MODE" button once. The "Mode Light" will come on and remain steady. The upper LED row indicates the voltage being supplied by the receiver or battery pack. The first LED bar indicates 11 volts. In this illustration four (4) bars are lit, which indicates fourteen (14) volts being provided by the receiver. The bottom LED row indicates the milliamp draw of the LNBF. Each bar is 50mA. The illustration shows 3 bars so this means 150mA (3 times 50mA).



"DISH Network" Multi-Dish Digital Switches

The meter will detect the digital message sent from the "DISH NETWORK" receiver to the Multi-Dish switches. Indications you receive while in this MODE do NOT apply to any other satellite equipment.

To set the meter for this function press the "MODE" switch until the Mode light begins to flash. At that time an upper row LED will light. The LED number to Dish Port number cross-reference is printed on the meter.

