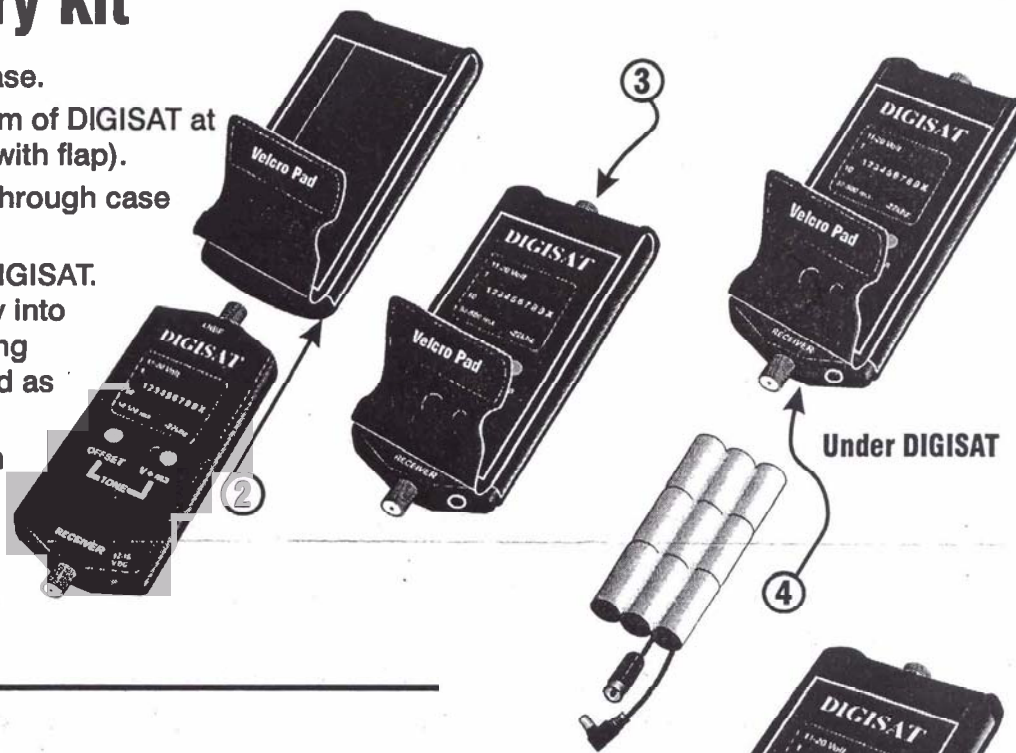


DIGISAT Accessory Kit

- 1) Remove battery pack from case.
- 2) Insert DIGISAT in case, bottom of DIGISAT at bottom of leather case (end with flap).
- 3) "F" connector should project through case top as shown.
- 4) Slide battery pack in under DIGISAT. Push battery pack all the way into leather case. Position charging plug and DIGISAT power cord as shown.
- 5) Charge battery pack fully with either AC or DC chargers before attempting to operate.



TURNING THE UNIT ON

Power up the DIGISAT PLUS by inserting the small female plug from the battery pack into the input connector on the bottom of the DIGISAT.

The DIGISAT will operate up to eight (8) hours on a single charge.

After tracking the satellite antenna, unplug the battery pack to conserve battery life.

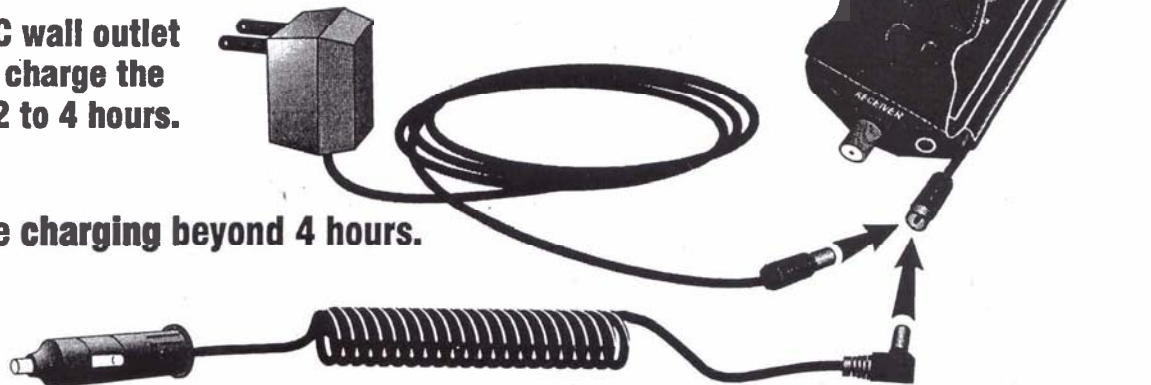


CHARGING THE BATTERY PACK

Plug either AC or DC charger into the male pigtail connector. The batteries are fast-charge Ni-Cads. The AC or DC charger will charge the battery pack fully in 2 to 4 hours.

Plug into 110vAC wall outlet socket. This will charge the battery pack in 2 to 4 hours.

DO NOT continue charging beyond 4 hours.



Plug into 12vDC (auto lighter) or accessory socket.

DO NOT continue charging beyond 4 hours.

SIMPLIFIED OPERATING INSTRUCTIONS

- 1) Attach the short coax cable jumper supplied with this kit to your LNBF (or LNB) and connect other end of the coax to the TOP "F" connector of the DIGISAT.
- 2) Turn the DIGISAT on by connecting the batter pack as show above.
- 3) Push the left yellow button and then the right button to turn on the audible squawker circuit in the loud configuration. Pushing the right yellow button and then the left will activate the low volume mode.
- 4) DIGISAT comes on in the (default) most sensitive (full scale sensitivity) mode.
- 5) After the desired satellite is found, the DIGISAT's LEDs will be maxed out. Push the left button once to desensitize the DIGISAT and then fine tune the antenna for maximum DIGISAT reading.
- 6) To measure LNBF current consumption push and hold the right yellow button. Read the lower LED bar graph. Each lighted segment equals 50ma (3 lighted segments = 150ma). Normal LNBF current draw is 100 to 150ma. No current consumption indicates nonfunctioning, open circuit LNBF. High current consumption above 250ma also indicates a defective LNBF.
- 7) To measure voltage of the *internal battery pack*, push and hold the right yellow button. Read the voltage on the upper LED bar graph. Each segment in this scale equals one volt plus ten volts . For example if three (3) LED segments are lit then the voltage is thirteen (13) volts DC. This feature measures the charge of the internal rechargeable battery pack. If the battery pack reads ten (10) volts or less, recharge the batteries.
- 8) To measure voltage provided from a *satellite receiver*, disconnect the internal battery pack and connected the satellite receiver's RG-6 to the bottom "F" connector of the DIGISAT. The DIGISAT will then display the voltage the receiver is providing to the LNBF. *Make sure you disconnect the batter pack first.* Failure to do so can damage the DIGISAT. Receivers will typically provide 14 or 18 volts DC to a LNBF depending on the appropriate polarization required for the channel selected on the receiver.

ADDITIONAL HELPFUL HINTS

- 1) Charge the battery pack fully before you start to use it. DO NOT leave the DIGISAT on either charger (AC or DC) for more than four (4) hours. Long periods of charging drastically reduces battery life.
- 2) DO NOT connect the female plug from the battery pack to the male pigtail socket. THIS WILL SHORT OUT THE BATTERY PACK and destroy the battery pack or melt the lead wires.
- 3) Disconnect power momentarily to restore the DIGISAT to the most sensitive (default) full scale sensitivity mode.