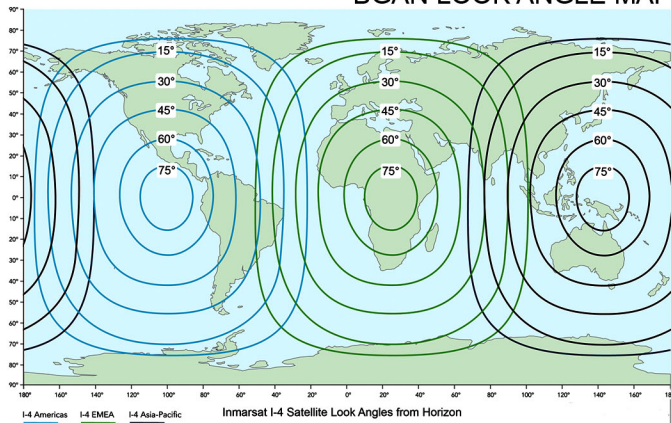# GROUNDCONTROL
MCD-4800 QuickStart Guide
User Manual on USB Flash Drive

1. Place MCD-4800 case on a flat surface with an unobstructed view of any of three BGAN satellites (see look angle map below).

BGAN LOOK ANGLE MAP

I-4 Americas   I-4 EMEA   I-4 Asia-Pacific   Inmarsat I-4 Satellite Look Angles from Horizon
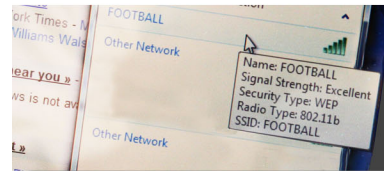
This map shows **How High** and **What Direction** a BGAN satellite is. A compass can point to obstacles blocking the view of a BGAN satellite.

2. Activate the MCD-4800 by pressing the power button. The case may be opened or closed for full operation. Please move away at least 1 meter from the case. In hot weather, place the case in shade or crack open lid to vent.

3. The external display of the MCD-4800 will show the current battery state of the terminal. It will take 1 to 3 minutes for the system to acquire GPS, find a BGAN satellite and create a wireless Internet hotspot. NOTE - If it takes longer, then reboot the terminal. Also consider moving the case to a new location.

4. Wirelessly connect with the "FOOTBALL" SSID access point with any device.

Wireless SSID - "FOOTBALL"

5. Access the MCD-4800 web interface from any browser to display the current battery state and system temperature. Type in 192.168.128.200 in the URL bar of the browser. Bookmark it for quick access.

Web Interface - 192.168.128.200

To access the Hughes 9450 web interface, which includes wireless security, type in **192.168.128.100** from any connected browser.

The WiFi antenna of the MCD-4800 must be horizontal to close the case. Raising the antenna vertically will extend WiFi range, and can serve as a prop to keep the case partially open to dissipate excess heat.

MCD-4800 Charging

IMPORTANT: UNPLUG POWER SUPPLY FROM WALL BEFORE PLUGGING OR UNPLUGGING FROM THE FRONT PANEL TO AVOID A POWER SPIKE.
The power supply is used to power, recharge and maintain the MCD-4800 Football internal battery. It may be left connected while in storage to maintain the battery in a state of readiness.

The Mini-Inverter plugs into any vehicle power port to provide power for the AC/DC power supply pictured on left.

Technical Support
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