

# Field Installation Tool

**The MeshPlus™ Field Installation Tool (FIT)** is a portable, water-proof, ruggedized tool used to aid in the installation and maintenance of MeshPlus™ networks. The FIT communicates wirelessly with MeshPlus™ Gateways, Mesh Stamps™, and other MeshPlus™ enabled devices, providing the tools needed to efficiently deploy and maintain MeshPlus™ networks.

**Configure** devices at installation and at a distance. Retrieve and examine logged data, measure signal levels, upgrade firmware.

**GPS Location;** The built-in GPS receiver records the location of newly installed devices, gets/sets date/time accurately, and configures MeshPlus™ devices with their GPS coordinates. GPS-aware devices are able to better coordinate their interactions. Mesh Master network management software uses GPS information to provide detailed topological views and analysis of the mesh network.



## FIT Specifications

- Readable in bright sun
- Water-proof to IP 67 Standards
- Rugged industrial design
- Palm PDA OS
- Rechargeable Li-Ion Battery

**Site Surveys:** The FIT allows the installer to perform diagnostics on MeshPlus™ devices in the field and site surveys to determine optimal placement of devices. Frequency scanning tools allow operators to identify and locate potential sources of RF interference.

### Optional Accessories

- USB Sync cable/cradle
- Serial Sync cable/cradle
- Ethernet cradle
- AC Adaptor (international)
- Padded holster
- Vehicle cradle, charger
- Spare battery packs

### Environmental

- Dustproof and Waterproof to IP67
- 0 to 50 C operating temperature
- FCC Part 15, class B compliant
- 6.7 x 3.7 x 1.5 inches
- 14.5 ounces
- Long life 1900mAH Li-Ion battery
- Very low power consumption

### Interface

- Excellent indoor/outdoor FSTN Grayscale LCD—full sun readable
- Low-power backlight for low-light conditions
- USB, Serial, Ethernet Sync
- Stable/reliable Palm OS 4.x