Checking performance after installation:

To confirm your SatDOCK is working properly:
1. Make a call from the handset in the cradle and confirm operation.
2. Make a call to the handset and confirm operation.
3. NOTE: The HFI controls operation [turning On and Off] of the 9505A handset. Please ensure the 9505A is off before applying key accessories. The HFI will then automatically power on the 9505A and SatDOCK after 6 seconds.

Package Contents
1 x SatDOCK Docking Station
1 x Hands Free Interface (HFI) module
1 x Speaker
1 x Microphone
1 x Interface Cable (from HFI to SatDOCK)
1 x 3-wire power cable harness & 2 Fuses
1 x "Iridium Antenna Guide" [printed]
1 x RAM bracket / 2 x M4 Screws
1 x SMA / TNC Adapter

Routing Cables:
- Use wiring troughs when available, to simplify cable installation and to provide maximum protection for cables. If wiring troughs are not available, route cables under the carpet alongside the drive shaft hump and follow these guidelines:
  > Route cables so they are protected from pinching, sharp edges, and crushing
  > Where possible, avoid routing cables above the catalytic converter

> Use grommets wherever a cable must pass through a hole in a metal panel
> In a vehicle equipped with electronically controlled anti-skid brakes (ABS), route all cables on the opposite side of the vehicle from the braking modulator box to minimize any possible interference.
> Keep all in-line connectors accessible.

Installation guidelines:
- Always protect equipment from dirt and moisture
- Ensure mounting surfaces are strong
- Allow for cooling space & driver/passenger leg room
- Ensure all wires are secure
- Always use the supplied mounting hardware.
- Ensure removal is easy (as above)

Note: Only qualified people should install communication equipment. For vehicle air bag information contact the vehicle manufacturer.

Intelligent Handset [Optional]:
This Intelligent Handset enables you to make private phone calls without using the hands-free functionality.

The Intelligent handset is connected to the RJ45 socket located on the HFI. The unit must be powered off before connecting. An extension cable to the Intelligent handset can be sourced and used if required.

More info @ www.beamcommunications.com

Optimising Iridium performance

1. Obstructions: Provide the best satellite view for your antenna by removing all obstructions where possible
2. Cabling: Use the shortest cable length and the fewest number of connectors on all Iridium certified antenna cables
3. RF interference: Install antenna as far away from other transmitters as possible.

Routing Cables:
1. Connect TNC/SMA adapter to cable
2. Fix antenna cable to SatDOCK
3. Connect interface cable
Setting up your BEAM SatDOCK

Installing your Directional Microphone

The hands-free directional microphone must be properly positioned in the vehicle to ensure optimum performance.

- Mount the microphone near the centre of the vehicle, either on the driver-side sun visor or on the headliner above the driver.
- Do not position the microphone where it may be blocked by the visor.
- Position the microphone so that it faces the user of the mobile when the user is seated normally.
- Do NOT position the microphone near a window or in any location where road noise or any ambient background noise may be high (above 85 dB SPL).
- Do NOT position the microphone where it will be affected by the output of the speaker [see below].

Installing your Speaker

1. Mount the speaker to the transmission hump or underneath dashboard on passenger side.
2. Mount speaker so it faces AWAY from microphone - this can cause "feedback" through the system.
3. To avoid damaging the cable, route the cable carefully to ensure that it does not get crimped by any heavy objects or enclosures.

Connecting Power

1. Ensure the power and Interface cable to the HFI will reach from the SatDOCK unit to the point at which vehicle power is being sourced. DO NOT connect to the HFI until after the installation is complete.
2. Route the power cable from the HFI to the connection point.
3. To limit ground loops and high impedance ground paths, run the green/red-stripe and black wires directly to the battery, or as close as possible. Use a grommet or other protection to prevent wear on metal surfaces for these wires.
4. Prepare the fuse block. Remove all fuses, and tape them to their respective holders, before making any connection. DO NOT insert fuses until you have completed and inspected all connections.
5. Connect the BLACK Ground wire to negative battery / vehicle chassis (if negatively grounded chassis).
6. Connect the RED +Battery wire to the vehicle + Battery (+12V) via a 3A fuse.
7. Connect the GREEN Accessory wire to the vehicle accessory power, via a 1A fuse. [This may be connected to Vehicle Ignition voltage if Accessory power is unavailable].

Docking & Undocking your 9505A handset

To dock the 9505A handset, firstly ensure you remove the rotating antenna from the handset. Place the base of the 9505A handset into the seat of the SatDOCK ensuring that the pins on the bottom of the 9505A handset line up with that on the seat of the SatDOCK cradle as illustrated below. Push down on the handset to seat the handset base firmly in the SatDOCK cradle.

To clip the handset into place, press and hold the button on top of the 9505A handset whilst pushing it back into the SatDOCK until it clips into place. Release the button on top. Gently pull on the handset to confirm that it is docked correctly and won’t come loose.

When removing 9505A Handset from the SatDOCK cradle, reverse the above steps, ensuring you hold down the button on top of the handset before trying to remove it from the SatDOCK.

The handset can now be powered on for normal mobile operation - refer to 9505A manual for further information.

Mute Function & Privacy Mode

Mute Functionality

To mute all audio to the handset whilst docked to the SatDOCK cradle, simply press the mute button once. A red light will illuminate on the mute button to visually confirm that the SatDOCK is muted.

To un-mute, simply press the mute button again, and the mute light will extinguish.

Privacy Mode

Privacy mode allows a user to utilise a Privacy Handset or earpiece plugged into the side of the 9505A in the 2.5mm jack and subsequently does not use the external microphone or speaker.

To enable Privacy Mode, press and hold the Mute button for 1.5 seconds. The red light on the mute button will start flashing to indicate it is in privacy mode, as opposed to being solid Red when in mute mode.