



IsatDock LITE
Quick Start Guide

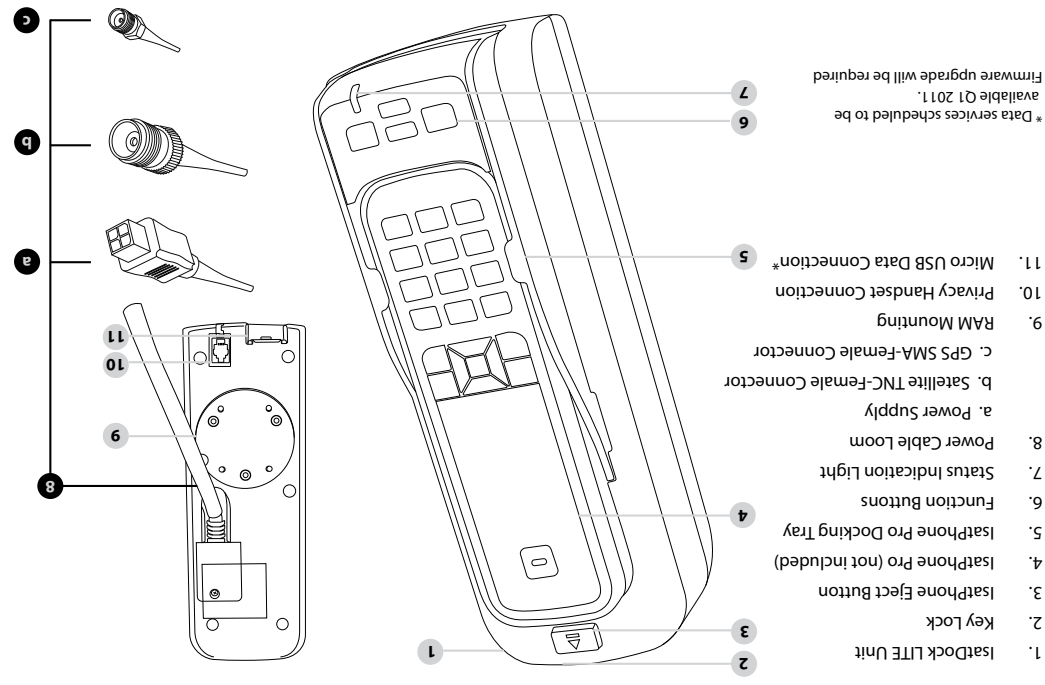


Suitable for the IsatPhone Pro



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1. IsatDock LITE Equipment Overview



2. Specification Summary

Average Power Consumption @ 12V	Average	Watts
Power w/o IsatPhone Pro	1.6W	130mA
Standby + Charging	4.3W	360mA
Transmit + Charging	10.5W	875mA
Sleep Mode	60mW	5mA
Peak Current	42W	3.5A
Physical Specifications		
Dimensions	230 x 84 x 80 (mm) 9.1 x 3.3 x 3.2 (inches)	1.24lbs 1.35kg
Weight - dock		2.98lbs

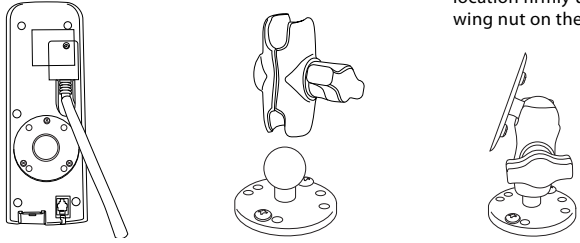
Environment Specifications	
Operating Range	-30°C to +70°C -22°F to +158°F
Storage	-35°C to +85°C -31°F to +185°F
Battery Charging Temp*	0°C to +45°C +32°F to 113°F
Humidity	<= 75% RH
Connectors / Interfaces	
Imarsat Antenna	TNC-Female
GPS Antenna	SMA-Female
10-32V DC	4-way microFit (AC/DC adaptor, or DC lead)
Privacy Handset Port	RF9 connector

* It is ideal for the ambient temperature to be approximately 15 degrees below the 45°C upper limit for the handset to charge the battery whilst docked.

3. Mounting Cradle

The IsatDock LITE is supplied with a universal RAM® mount bracket that enables mounting to any flat surface (vertical or horizontal) within a vehicle, attached on a wall or on a table as required.

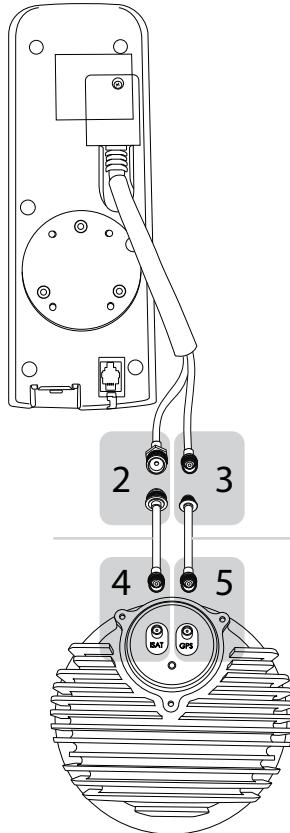
1. Attach one pivot base to the rear of the IsatDock LITE using the M4 screws supplied.
2. Secure the second pivot base to the location you have selected for mounting the IsatDock LITE.
3. Use the interconnecting step of the RAM® mount to secure the IsatDock LITE to the pivot base and tighten into the desired location firmly using the wing nut on the stem.



4. Inmarsat Antenna Connection

The antenna connections exit from the rear of the IsatDock LITE cradle, via the antenna loom. There are two RF connections required, the Satellite TNC-Female Connector and GPS SMA-Female connector.

1. Refer to the antennas installation guide for antenna mounting and location requirements.
2. Connect the antenna cable labelled "Inmarsat" to the IsatDock's TNC connector
3. Connect the antenna cable labelled "GPS" to the IsatDock's SMA connector
4. Connect the antenna cable labelled "Inmarsat" to the antenna connector labelled "ISAT" via the SMA connector.
5. Connect the antenna cable labelled "GPS" to the antenna connector labelled "GPS" via the SMA connector



WARNING

DO NOT pull with force on the cables from the rear of the IsatDock LITE. Please install strain relief clamping for the antenna cables where required.

Correct installation of the antenna system is a vital part of the IsatDock LITE system, to ensure reliable functionality, and drop-free calls.

WARNING

Changes or modifications not expressly approved by Beam Communications could void the user's authority to operate the equipment.

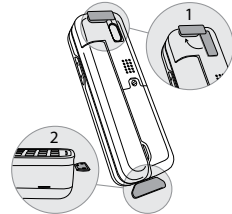
WARNING

To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of 55 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.

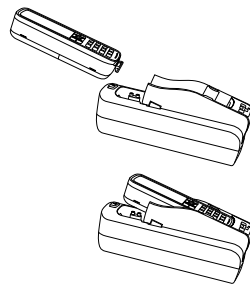
5. Docking and Un-docking your IsatPhone Pro

To place the IsatPro Phone into the docking unit, both the 'covers' on the external antenna connectors and the USB/Audio connectors need to be opened.

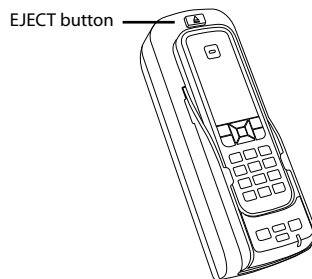
1. The antenna 'cover' must be placed at 90 degrees to the antenna connector location and run parallel to the top edge of the phone.
2. The 'cover' in the base of the phone should be at a 90° degrees fully opened position.



3. To dock the handset, align the IsatPhone Pro with the phone tray and slide the handset down until it seats flush to the bottom of the tray. Swing the phone down into the cradle by applying pressure to the top of the handset. An audible 'click' is heard when the phone is in the docked position.



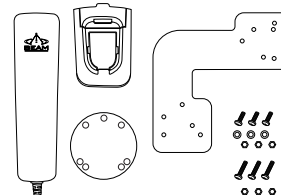
4. To remove the handset from the cradle, press the EJECT button at the top of the docking station. The dock will swing out and the handset can be removed.



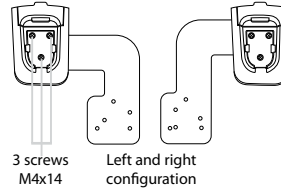
6. Privacy Handset (Optional - Extra Order)

The IsatDock LITE provides a RJ9 audio socket on the bottom of the docking unit, for connection to the Beam privacy handset. This provides a local handset function, conveniently mounted next to the IsatDock LITE cradle.

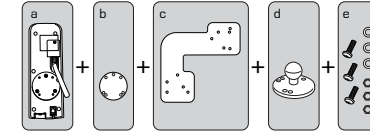
1. The Privacy Handset Kit (purchased/ordered separately) contains a mounting bracket, space plate, and fasteners.



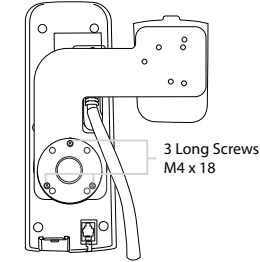
2. Mount the handset cup to the mounting plate, it can be installed to the left or right side of the dock by simply rotating the bracket.



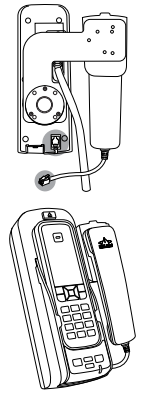
3. Mount the spacer plate and the mounting bracket to the rear of the IsatDock LITE, by using the longer screws provided with the kit. The original RAM® arm-bracket plate is also re-installed behind these plates.



[a] Rear of IsatDock [b] Spacer
[c] Mounting plate [d] RAM base
[e] 3 x Mounting screws



4. Plug the Privacy Handset RJ9 connector into the bottom of the docking unit, as per image below.



Privacy Handset mode is enabled when the handset is removed from the cup. Please ensure to re-dock the Privacy Handset when not in use.

7. IsatDock LITE Front Panel

LOCATION	BUTTON MODE	ACTION	LED/SOUND
	Ringer Press (1 second)	Out of Call: Toggle through the available ring tones	Hear ring tone change.
	Mute Press ON/OFF	In a Call: Mute the microphone (uplink) on the privacy handset (optional accessory) if connected to cradle.	LED turns RED - Muted LED turns OFF - Not muted
	Up	In a Call Increase volume on the privacy handset (optional accessory) if connected to cradle.	Audio will sound louder in privacy handset with each press.
	Down	In a Call: Decrease volume on the privacy handset (optional accessory) if connected to cradle.	Audio will sound quieter in privacy handset with each press.
	Brightness dual button simultaneous press (1 second)	Out of Call: Enter LED brightness change mode. Press UP and DOWN arrows to vary intensity. Mode will automatically exit after 5 seconds after the last button press.	All LED's will change to WHITE and a single beep will sound when entering brightness change mode. A short double beep will sound when exiting change mode.

LED Status

MUTE	GREEN	RED
ILLUMINATED	N/A	Uplink audio muted
STATUS	GREEN	RED
ILLUMINATED	Handset registered and able to make a call	Handset not registered / no signal and cannot make a call
FLASHING	Call in Progress	N/A
ALTERNATING	Error detected in communicating with IsatPhone handset	