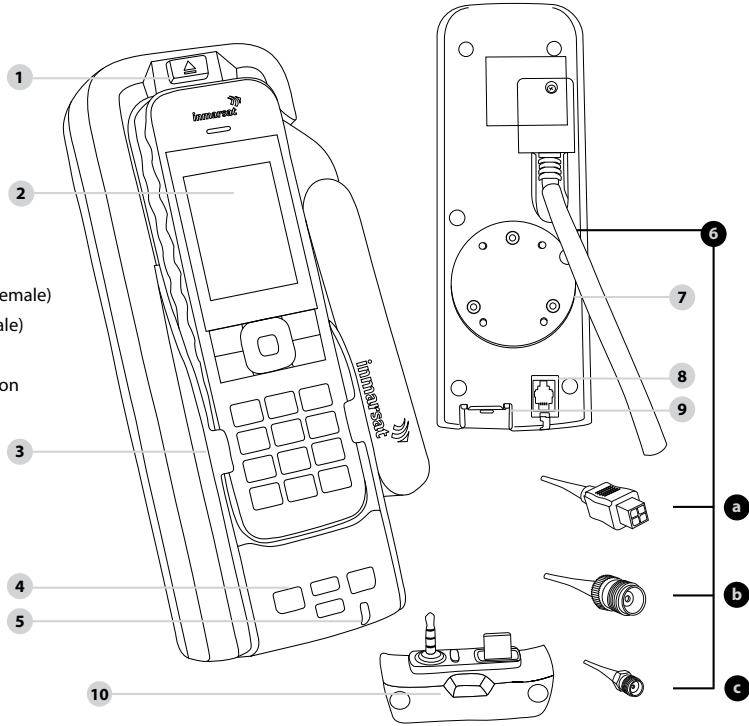


## 1. IsatDock2 LITE Equipment Overview

1. IsatPhone 2 Eject Button
2. IsatPhone 2 (not included)
3. IsatPhone 2 Docking Tray
4. Function Buttons
5. Status Indication Light
6. Power Cable Loom
  - a. Power Supply
  - b. Satellite Connector (TNC-Female)
  - c. GPS Connector (SMA-Female)
7. RAM® Mounting
8. RJ9 Privacy Handset Connection
9. Micro USB Data Connection
10. IsatDock2 Adapter



PART #: USROS008401



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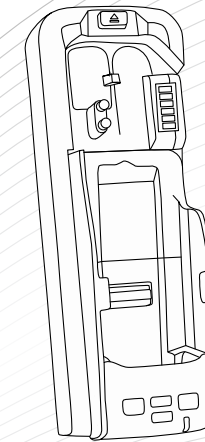
## 2. Specification Summary

Average Power Consumption Current @ 12V	Average	Watts	Environmental Specifications	
Power w/o IsatPhone 2	130mA	1.6W	Operating Range	-30°C to +70°C -22°F to +158°F
Standby + Charging	360mA	4.3W	Storage	-35°C to +85°C -31°F to +185°F
Transmit + Charging	875mA	10.5W	Battery Charging Temp*	0°C to +45°C +32°F to +113°F
Sleep Mode	5mA	60mW	Humidity	<=75% RH
Peak Current	3.5A	42W	<b>Connectors / Interfaces</b>	
<b>Physical Specifications</b>	<b>Metric</b>	<b>Imperial</b>	BEAM Antenna	TNC-Female
Dimensions	229 x 99 x 76 (mm)	9.0 x 3.9 x 3.0 (inches)	GPS Antenna	SMA-Female
Weight - dock	565g	1.24lbs	10-32V DC	4-way microFit (AC/DC adapter, or DC lead)
Total Kit Weight	1.35kg	2.98lbs	Privacy Handset Port	RJ9 connector

\* It is ideal for the ambient temperature to be approximately 18 degrees below the 45°C upper limit for the handset to charge the battery whilst docked.



## IsatDock2 LITE Quick Start Guide

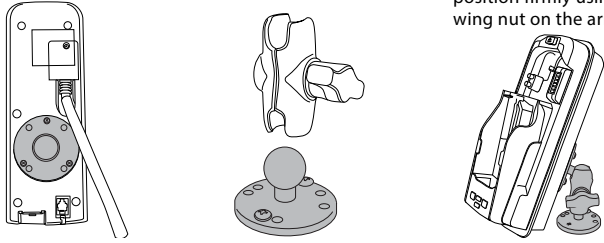


Suitable for the IsatPhone 2

### 3. Mounting Cradle

The IsatDock2 LITE is supplied with a universal RAM® mounting bracket that enables mounting to any flat surface (vertical or horizontal) within a vehicle, attached on a wall or on a table as required.

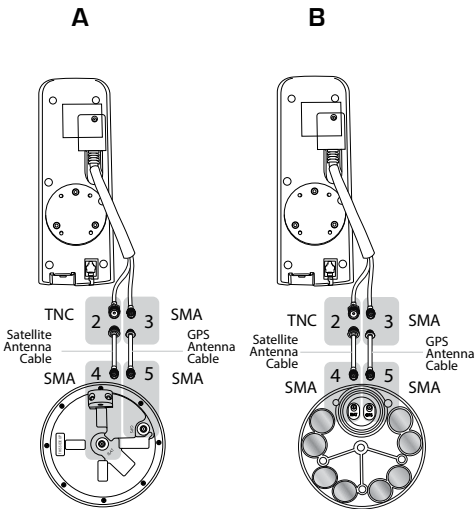
1. Attach one pivot base to the rear of the IsatDock2 LITE using the M4 screws supplied.
2. Secure the second pivot base to the location you have selected for mounting the IsatDock2 LITE.
3. Use the interconnecting arm of the RAM® mount to secure the IsatDock2 LITE to the pivot base and tighten into the desired position firmly using the wing nut on the arm.



### 4. Antenna Connection

The antenna connections exit from the rear of the IsatDock2 LITE cradle, via the antenna loom. There are two RF connections required, the Satellite Connector (TNC-Female) and GPS Connector (SMA-Female).

1. Refer to the antennas installation guide for antenna mounting and location requirements.
2. Connect the antenna cable labelled "Inmarsat" to the IsatDock2's TNC connector
3. Connect the antenna cable labelled "GPS" to the IsatDock2's SMA connector
4. Connect the antenna cable labelled "Inmarsat" to the antenna via the SMA connector.
5. Connect the antenna cable labelled "GPS" to the antenna via the SMA connector.



**A** - Connection with Fixed/Directional Antenna (Passive)  
**B** - Connection with Transport Mag mount Antenna (Active)

**WARNING**  
 DO NOT pull with force on the cables from the rear of the IsatDock2 LITE. Please install strain relief clamping for the antenna cables where required.

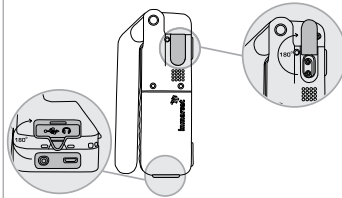
Correct installation of the antenna system is a vital part of the IsatDock2 LITE system, to ensure reliable functionality, and drop-free calls.

**WARNING**  
 Changes or modifications not expressly approved by BEAM Communications could void the product warranty.

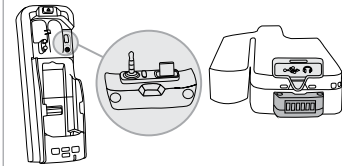
**WARNING**  
 To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of 55 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.

### 5. Docking and Un-docking your IsatPhone 2

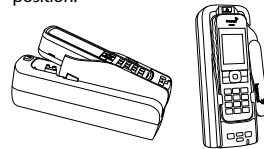
1. Lift the antenna 'cover' and rotate through 180 degrees, then push down into the open position.
2. The 'cover' in the base of the phone should be rotated 180 degrees to be in the open position



3. Detach the USB/Audio adapter from the dock and insert by hand in the base of the IsatPhone 2.

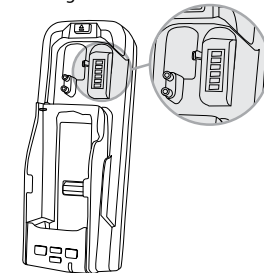


4. To dock the handset, open the antenna slightly, align the IsatPhone 2 with the phone tray and slide the handset down until it seats flush to the bottom of the tray. Swing the phone down into the cradle by applying pressure to the top of the handset. An audible 'click' is heard when the phone is in the docked position.



5. 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.

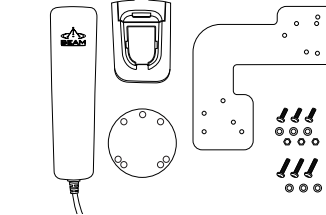
6. Place the adapter back in its dedicated slot, when the phone is not in the docking unit.



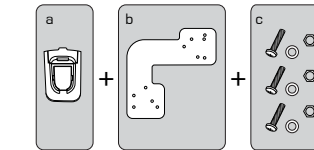
### 6. Privacy Handset (Optional - Extra Order)

The IsatDock2 LITE provides a RJ9 audio socket on the bottom of the docking unit, for connection to the BEAM privacy handset. This provides a privacy handset function, conveniently mounted next to the IsatDock2 LITE cradle.

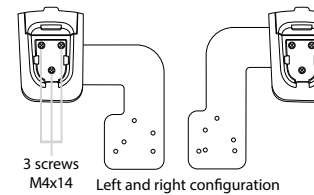
1. The Privacy Handset Kit (purchased/ordered separately) contains a bracket, spacer plate, screws, washers and nuts.
3. Mount the spacer plate and the mounting bracket to the rear of the IsatDock2 LITE, by using the longer screws provided with the kit. The original RAM® Base is also reinstalled on top of the plate and spacer. Install in the following order:
4. Plug the Privacy Handset RJ9 connector into the bottom of the docking unit.



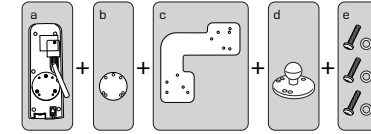
2. Mount the handset cup to the bracket which can be installed to the left or right side of the dock. Use the washers and nuts behind the bracket to secure the cup.



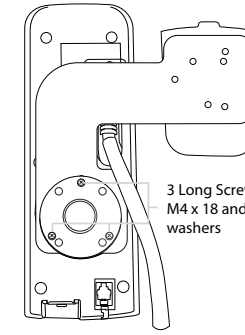
**[a]** Handset cup **[b]** Mounting bracket **[c]** 3 x M4x14 screws, washers and nuts



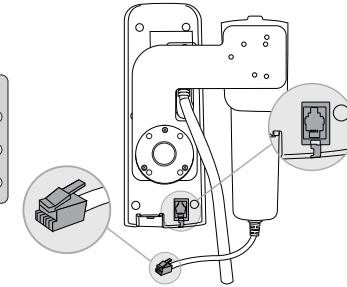
3 screws M4x14  
 Left and right configuration



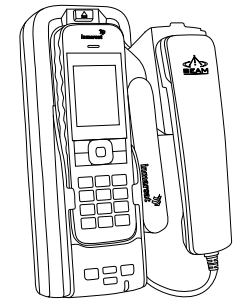
**[a]** Rear of IsatDock2 LITE **[b]** Spacer plate **[c]** Mounting bracket **[d]** RAM® base **[e]** 3 x M4x18 screws and washers



3 Long Screws M4 x 18 and washers



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. IsatDock2 LITE Front Panel

LOCATION	BUTTON MODE	ACTION	LED/SOUND
	Ringer Press (1 second)	<b>Out of Call:</b> Toggle through the available ring tones	Hear ring tone change.
	Mute Press ON/OFF	<b>In a Call:</b> Mute the microphone (uplink) on the privacy handset (optional accessory) if connected to cradle.	LED turns RED - Muted LED turns OFF - Not muted
	UP	<b>In a Call</b> Increase volume on the privacy handset (optional accessory) if connected to cradle.	Audio will sound louder in privacy handset with each press.
	DOWN	<b>In a Call:</b> 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)	<b>Out of Call:</b> 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 double beep will sound when entering brightness change mode. A short single beep will sound when exiting change mode.