

# PotsDOCK Extreme EXTRMPD

LAND Solutions

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# PotsDOCK Extreme EXTRMPD



Beam's PotsDOCK Extreme is a compact docking station specifically designed to support RJ11, Bluetooth and tracking. PotsDOCK allows the Iridium Extreme handset\* to be connected with an POTS/RJ11 interface enabling standard corded, cordless or DECT handset connection or alternatively interfaced with a PABX system presenting standard ring, busy and dial tones like a standard phone network.

PotsDOCK Extreme provides extra features such as Bluetooth for voice connectivity along with tracking and alert which can be configured to support periodic polling or emergency alert reporting. The Iridium Extreme handset fits securely in the docking station with an easy click to lock mechanism that can be inserted and removed with a press of a button. It is purposely built to allow you to utilise the SOS emergency, with an inbuilt GPS coupling capability that allows you to connect an external GPS antenna to the dock.

PotsDOCK also supports the use of an optional compact Beam privacy handset that can be attached next to the PotsDOCK for added convenience if required.

The dock features phone charging, a USB connection for data connection, integrated antenna, data and power connection making it possible to keep all antenna cables and power permanently connected to the dock making it ready for use at all times.

\* Iridium Extreme handset sold separately.

## KEY FEATURES

- Slim line compact installation
- Integrated Bluetooth connectivity
- POTS/RJ11 interface, cable runs up to 600m/2000ft
- Voice, SMS, SBD and Circuit Switched Data capable
- Tracking and SOS (via the 9575 handset)
- USB data interface
- Accessory/Ignition sense
- 9-32V DC power input
- AC Plug pack included 110/240 input
- Iridium and GPS Connectors
- PABX Compatible (analogue)
- 2 year repair or replacement warranty



pots/rj11



pabx integration



bluetooth



privacy handset\*



tracking



docking



charging



ringer



mute



usb



external IO



alert



ext. gps antenna

\* optional

# Technical Specifications

## POWER SPECIFICATIONS

Average Power Consumption	Current @ 15VDC	Watts
Standby	75mA	1.1W
Transmit + Charging	0.4A	6W
Sleep Mode	25mA	0.3W
Rated Input	9-32V DC	2A max
AC Power Pack	100-250V	AC 50-60Hz
Output	15V DC	60W

## ENVIRONMENT SPECIFICATIONS

Temperature	Degrees °C	Degrees °F
Charging	0 to +45	+32 to +113
Operating Range - PotsDOCK	-20 to +70	-4 to +158
Operating Range - Extreme Handset	-10 to +55	-50 to +131
Storage	-30 to +85	-22 to +185
Operating Humidity	< 85% RH non-condensing	

## PHYSICAL SPECIFICATIONS

Dimensions	mm	inches
Dock	82.2 x 212 x 75.9	3.24 x 8.35 x 2.99
Outer Box	140 x 330 x 125	5.51 x 13 x 4.92
Weight	kgs	lbs
Dock	0.45	1.0
Box	1.54	3.4

## INTERFACES

Alarm Mode	Normally-Closed' Loop IN to OUT Up to 50m cable run / multiple buttons in series. Brown wire is Input, Green wire is Output.
RJ11/POTS	RJ11 connector/2-wire, up to 600m. Auto Impedance - or country selectable. Adjustable Dial & Busy Tones. Ringer output 56Vrms, 5REN load. Adjustable Ringer Frequency/Cadence
Privacy Handset (Line In/Out)	4-pole 3.5mm jack, ground referenced in/out with cup-switch. In biased with ~2Vdc via 2k2. Out 40mW power into 16-32Ω
Data Port (USB)	USB Mini-B 5-pin female (USB Slave). USB 2.0 compliant, CDC Serial profile
Alarm (Alert) Loop	1 input, 1 output
Power Cable	4-way Microfit socket. +Vin, 0V (GND), and ACC (On/Off Sense). 9-32VDC tolerant. ACC sense: High(1) > +7Vdc and < +32Vdc Low (0) 0V < +5Vdc

## BLUETOOTH® MODULE (INTERNAL)

Legal	Japan:07215089/AA/00 The Bluetooth® word, mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by Beam Communications is under license. Other trademarks and trade names are those of their respective owners.
Regulatory	Bluetooth® identifier: B03005. CE 89/336/EEC - #EC/2006/20013C. FCC part 15 class B: PotsDOCK contains Transmitter Module FCC ID: QQQWT11. Canada: Cert# 5123A-BGTWT11E
Antenna	Integrated chip antenna
Power	Default = Class 2 (< 10 metres). 2.4GHz - 2.4835GHz Unlicensed ISM Band
Profiles	HFP - Hands-Free Profile v.1.5 HFP-AG - Hands-Free Audio Gateway Profile v.1.5 & SPP - Serial Port Profile
System	Bluetooth® 2.0v+EDR (Enhanced Data Rates), 802.11 coexistence

## CERTIFICATIONS

Iridium	
EMC	
RoHS	
WEEE	
Flame Retardant	
Safety - SELV	

## ATMOSPHERIC PROTECTION

## KIT CONTENTS

PotsDOCK Extreme	
AC/DC Power Adapter	
DC Power Cable/Fuse Kit	
Universal Mounting Bracket (RAM)	
User Manual	
Quick Start Guide	

# Accessories

RST410	Man Down Kit
RST755I / RST755EX	Privacy Handset Iridium
RST740	Iridium Active Antenna
RST702	Dual Mode Iridium/GPS Antenna
RST705	Dual Mode Iridium/GPS Magnetic Antenna
RST710	Mast/Pole Antenna
RST715	Iridium Magnetic Antenna
CVTIRI	Iridium Covert Antenna
RST942	Iridium GPS Cable Kit 6m/19.7ft
RST929	Iridium GPS Cable Kit 9m/29.5ft

RST932	Iridium Antenna Cable Kit Passive - 6m/19.7ft
RST933	Iridium Antenna Cable Kit Passive 12m/39.4ft
RST935	Iridium Antenna Cable Kit Passive 20m/65.6ft
RST936	Iridium Antenna Cable Kit Passive 30m/98ft
RST944	Iridium Active Cable Kit 23m/75.5ft
RST945	Iridium Active Cable Kit 34m/111.5ft
RST946	Iridium Active Cable Kit 52m/170.6ft
RST947	Iridium Active Cable Kit 75m/246.1ft
RST948	Iridium Active Cable Kit 104m/341.21ft
RST060	UPS Battery Pack



In-Building



Recreational Vehicles/Motor Homes



Emergency Services



Cruise Ship/Large Vessels



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APPROVED BEAM RESELLER

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