



# DriveDOCK Extreme

EXTRMDD



Handsfree Bluetooth



SOS



Track



Voice



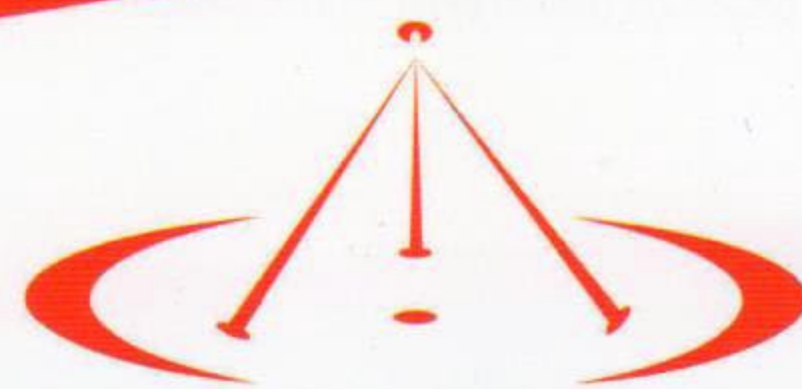
Data



USB



Charging



# BEAM



# DriveDOCK Extreme

## EXTRMDD

- ▶ Handsfree
- ▶ Bluetooth
- ▶ SOS Support
- ▶ Extreme Tracking
- ▶ Support Ext GPS Antenna



BEAM's **DriveDOCK Extreme** hands-free docking solution provides a high quality transport installation for the Iridium Extreme handset. The docking station has in-built echo cancelling and full duplex technologies to provide superior voice quality and professional hands-free or privacy calls for any vehicle, boat or aircraft\*.

The Iridium Extreme handset fits securely in the dock, which features USB data connectivity, phone charging and integrated antenna, data and power connection making it possible to keep all antenna cables and power permanently connected to the **DriveDOCK** ready for use.

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 utilize the SOS emergency button whilst docked.

**DriveDOCK Extreme** also supports the use of an optional Intelligent Privacy Handset, that replicates the full functionality of the Extreme handset in another location.

\* Independent Aeronautical certification MUST be gained prior to installation.



Trucks



Motor Homes  
/ Recreational  
Vehicles



Position  
Reporting



Emergency  
Services



## KEY FEATURES

### ▶ DriveDOCK Extreme CRADLE

- Securely holds Extreme handset
- Robust design and construction
- Charges Extreme handset ready for use
- Integrated antenna connection, Iridium and GPS
- Integrated USB connectivity

### ▶ HANDSFREE MODE

- In-built echo cancelling
- Full duplex technology
- Superior voice quality

### ▶ TRACKING

- Triggering of Quick GPS
- Interfaces to BEAM's MyBuddy Extreme Portal

### ▶ PANIC/ALERTS

- Option of additional wired SOS alert buttons
- Interfaces to BEAM's MyBuddy Extreme
- Supports Iridium Extreme SOS

### ▶ INTEGRATED BLUETOOTH®

- Bluetooth® in-built to cradle
- Supports Bluetooth® voice connectivity

### ▶ IN-BUILT RINGER

- In-built ringer for enhanced ring indication
- Loud ring indication via external speaker

### ▶ VOICE, DATA, SMS, SBD

- Supports all Iridium voice, data, SMS & SBD services

### ▶ PRIVACY HANDSET (Optional) RST755

- Supports optional Beam privacy handset
- Auto sensing answer intelligence
- Switches between handset and handsfree modes

### ▶ INTELLIGENT HANDSET (Optional) RST970

- Supports optional Intelligent handset

### ▶ INSTALLATION

- Supports 9 - 32V DC power input
- Installation via universal mount, also suitable for wall mounting
- Antenna, microphone and speaker installed in a convenient location

### ▶ QUALITY

- 2 year replacement guarantee for peace of mind
- 100% factory tested
- Fully certified, Iridium, RoHS, CE, AS/EN60950

## MyBuddy WEB APPLICATION

MyBuddy supports the Iridium Extreme (9575) satellite handset. It is a web based tracking and monitoring system that provides global access to monitor personnel worldwide. The secure web portal allows access to view street level maps and satellite imagery to easily pin-point asset locations and areas of incidence. The Iridium Extreme (9575) handset is configured to send message reports back to the MyBuddy data server which stores and processes information, monitoring for any event or incidence that may have eventuated. MyBuddy integrates with the Iridium Satellite network to provide customers with a solution that meets both their coverage and Budget requirements.

Visit: [www.mybuddyextreme.com](http://www.mybuddyextreme.com)





## TECHNICAL SPECIFICATIONS

### POWER SPECIFICATIONS

|                           |                        |
|---------------------------|------------------------|
| Rated Input               | 9-32V DC, 2A max       |
| Average Power Consumption | Current @ 12VDC, Watts |
| Standby                   | 70mA 0.84W             |
| Transmit + Charging       | 0.7A 8.4W              |
| Sleep Mode                | 5mA 60mW               |

### INTERFACES

|   |   |
|---|---|
| External Speaker and Microphone         | One horizontal 2-pin Microfit connector on the cable loom for speaker and one vertical 2-pin Microfit connector for microphone.   |
| Privacy Handset (Line In/Out)           | 4-pole 3.5mm audio jack at the bottom of the DriveDOCK cradle.  |
| Data Port (USB)                         | USB Mini-B 5-pin female (USB Slave). USB 2.0 compliant, CDC Serial profile.   |
| Alarm (Alert) Loop<br>1 input, 1 output | Alarm Mode: "Normally-Closed" Loop<br>IN to OUT Up to 50m cable run/<br>multiple buttons in series.<br>Brown wire is Input,<br>Green wire is Output.                                |
| Power Cable                             | 4-way Microfit socket. +Vin (Red wire),<br>OV (GND, Black wire), and ACC (On/<br>Off Sense, Yellow wire). 9-32VDC<br>tolerant.<br>ACC sense: High [1] > +7Vdc<br>Low [0] OV < +5Vdc |
| Horn Output / Audio System Mute         | Blue wire on the cable loom.<br>Open collector output can be<br>interfaced to<br>12V or 24V DC with up to 120mA<br>current sink capability.   |

### KIT CONTENTS

|                                  |
|----------------------------------|
| DriveDOCK Extreme                |
| Universal Mounting Bracket (RAM) |
| DC Power Cable / Fuse Kit        |
| Speaker                          |
| Microphone                       |
| Quick Start Guide                |
| User Manual                      |

### ENVIRONMENTAL

|                          |   |
|--------------------------|---|
| Operate Temp. Range *    | DriveDOCK Extreme -30°C to +70°C  |
| Charging Temp. Range#    | 0°C to 45°C   |
| Operating Humidity Range | < 85% RH non-condensing   |
| Storage Temperature      | -30°C to +85°C  |
| Weight                   | Cradle 0.48kg (1.1 lbs)   |
| EMC Compliance           | EN301489-1/-20  |
| RoHS                     | Full compliant RoHS Directive EU 2002/95/<br>EC (All 6 substances)  |
| WEEE                     | For EU countries, this product must be<br>collected separately from household waste, as<br>defined in each region. This product must not<br>be discarded together with household waste. |
| Flame Retardant          | UL94.0  |
| Safety - SELV            | AS/NZ 60950-1   |

\* When 9575 Battery is fully charged

# Derived from the charging temperature range of the Iridium 9575 handset battery.

### BLUETOOTH® MODULE (INTERNAL)

|            |   |
|------------|---|
| System     | Bluetooth® 2.0v+EDR (Enhanced Data Rates),<br>802.11 coexistence.   |
| Profiles   | <b>HFP</b> - Hands-Free Profile v.1.5<br><b>HFP-AG</b> - Hands-Free Audio Gateway Profile<br>v.1.5 & <b>SPP</b> - Serial Port Profile   |
| Power      | Default = Class 2 (< 10 metres).<br>2.4GHz - 2.4835GHz Unlicensed ISM Band  |
| Antenna    | Integrated chip antenna   |
| Regulatory | Bluetooth® identifier: B03005.<br>CE 89/336/EEC - #EC/2006/20013C.<br>FCC part 15 class B: DriveDOCK contains<br>Transmitter Module FCC ID: QOQWT11.<br>Canada: Cert# 5123A-BGTWT11E<br>Japan: 07215089/AA/00                   |
| Legal      | The Bluetooth® word, mark and logos are<br>owned by the Bluetooth® SIG, Inc. and any use<br>of such marks by BEAM Communications is<br>under license. Other trademarks and trade<br>names are those of their respective owners. |

## ACCESSORIES

|        |  |
|--------|--|
| RST710 | Iridium Mast Mount Antenna             |
| RST714 | Iridium Whip Antenna                   |
| RST715 | Iridium Magnetic Mount                 |
| RST720 | Iridium Bolt Mount Antenna             |
| RST702 | Dual Mode Iridium/GPS Mast Antenna     |
| RST705 | Dual Mode Iridium/GPS Magnetic Antenna |
| RST706 | Dual Mode Iridium/GPS Whip Antenna     |

|         |                                     |
|---------|-------------------------------------|
| RST755  | Beam Privacy Handset Kit            |
| RST970  | Intelligent Handset                 |
| RST932  | Antenna Cable 6m / 18f              |
| RST933  | Antenna Cable 12m/36f               |
| RST410  | Emergency push button / cable       |
| RST055A | UPS Battery Pack<br>MyBuddy Extreme |