

DriveDOCK Extreme Push-To-Talk BUNDLES



Wireless Push-To-Talk Bundle



Corded Push-To-Talk Bundle

DriveDOCK Extreme Push-To-Talk Bundles

The DriveDOCK Extreme PTT Bundle (wireless or corded) solution provides a high quality transport installation using the Iridium Extreme® PTT Service. This bundle solution extends the power of the Extreme PTT Device to the palm of your hand, whether in or out of a vehicle.

The Beam PTT Bundle (wireless or corded) is ideal for various applications such as Emergency Services, Commercial Transportation, Mining Industry, Defence, Government, no matter the type or size of operation, you can depend on the Beam PTT Bundle to perform.

DriveDOCK Extreme Wireless PTT Bundle EXTRMDD-PTT-W1A



The Beam Wireless Push-To-Talk Bundle unleashes the power of your Beam Iridium PTT Docking Station, allowing wireless communication up to 500 meters/1640 feet* away from its base. The enhanced voice resilience audio allows users to communicate with clean clear audio allowing the user to be truly mobile in every operational environment. The ability to communicate away from your main unit significantly enhances a safer and more secure work environment for everyone who carries a Beam PTT-W1A.

* line of sight, using the PTT620A Shark Fin Antenna.

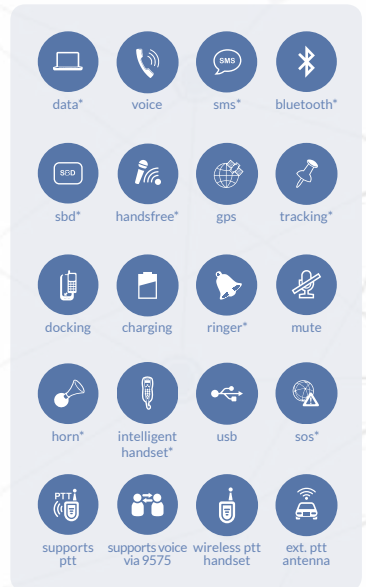
KEY FEATURES

- IP67 rating - waterproof handset only
- Up to 500m/1640ft* handheld range from base unit
- AES 128 bit encryption
- Enhanced clear audio quality#
- Talkaround feature
- Find Me™ Feature enabled
- Compatible with Beam DriveDOCK Extreme
- Phone mode supported**
- Ability to amplify PTT audio via speaker
- Universal left/right Extreme Dock mounting bracket

PTT-W1A performs best when worn with the antenna protruding up above your shoulder. Distance is always dependent on the local terrain, obstacles and the overall communications environment.

* using the PTT620A Shark Fin Antenna.

**Supported in DriveDOCK Extreme firmware version 1.5
Iridium Extreme® PTT Device not included.



* only available in STD voice mode, not PTT mode

DriveDOCK Extreme Corded PTT Bundle EXTRMDD-PTT-C1



Beam's DriveDOCK Extreme Corded Push-To-Talk Bundle is a cost effective PTT solution that when installed with the DriveDOCK supports all features of the Iridium Extreme® PTT* service. It also supports handsfree speakerphone attached to the dock making it ideal for fixed vehicle installations.

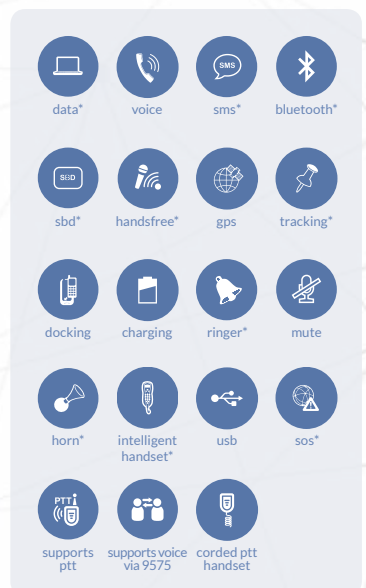
This Beam solution provides clear and improved PTT audio quality via the loudspeaker in the corded handset.

KEY FEATURES

- Rugged mic/speaker handset
- Improved audio quality
- Phone mode supported**

*Iridium Extreme® PTT Device not included.

**Supported in DriveDOCK Extreme firmware version 1.5



* only available in STD voice mode, not PTT mode

APPLICATIONS



TRANSPORT



IN-BUILDING



EMERGENCY

Technical Specifications

DriveDOCK EXTREME

POWER SPECIFICATIONS

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

INTERFACES

Privacy Handset (Line In/Out)	4-pole 3.5mm audio jack at the bottom of the DriveDOCK cradle.
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.
Data Port (USB)	USB Mini-B 5-pin female (USB Slave). USB 2.0 compliant, CDC Serial profile.
Alarm (Alert) Loop	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.
Horn Output / Audio System Mute	Blue wire on the cable loom. Open collector output can be interfaced to 12V or 24V DC with up to 120mA current sink capability.
Power Cable	4-way Microfit socket. +Vin (Red wire), 0V (GND, Black wire), and ACC (On/Off Sense, Yellow wire). 9-32VDC tolerant. ACC sense: High(1) > +7Vdc Low (0) 0V < +5Vdc
LEDs/Buttons	Bluetooth, Ringer, Track, Mute, Up & Down

ENVIRONMENTAL SPECIFICATIONS

Temperature	Degrees °C	Degrees °F
Operating*	-30 to +70	-22 to +158
Charging**	0°C to +45	+32 to +113
Storage	-35 to +85	-31 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

CERTIFICATIONS

Iridium, EMC Compliance, CE Compliance, Electrical Safety, RoHS, C-Tick

* When 9575 battery is fully charged.

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

WIRELESS PUSH TO TALK HANDSET

POWER SPECIFICATIONS

Power Input Voltage	7-16VDC (supplied by Extreme Dock)
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NETWORK SPECIFICATIONS

Protocol	802.15.4 based derivative
RF Power	<100mW / Gateway <100mW
Encryption	AES128
Frequency	2.40-2.48GHz FH Spread Spectrum

ENVIRONMENTAL SPECIFICATIONS

Humidity/Rain/Dust	IEC529, IP67 (Wireless Handset only)	
Vibration and Shock	Mil Std 810 C/D/E/F	
Temperature	Degrees °C	Degrees °F
Operating	-20 to +55	-4 to +122

BATTERY PACK

Battery Type	3.7V @1450mA Lithium Polymer
Battery Life	>15 Hours @ 30% receive time

CONNECTORS/INTERFACES

Handset	
Hirose Audio Port	Industry standard – 6-pin accessory port
Audio Port	Standard 3.5mm mono jack (TS)
Gateway Cradle	
Interface Connector	RJ45
Antenna Connector	RP SMA Female

PHYSICAL SPECIFICATIONS

Dimensions	mm	inches
PTT Wireless Handset	88 x 28 x 63	3.46 x 1.1 x 2.48
PTT Gateway Cradle	80 x 80 x 60	3.15 x 3.15 x 2.36
Weight	kgs	lbs
PTT Wireless Handset	0.150	5.25
PTT Gateway Cradle	0.125	4.4

CERTIFICATIONS

Aust/NZ, FCC, CE Compliance, Industry Canada

NOTE: Beam Push-To-Talk handsets are specifically designed for Iridium Extreme PTT Service. Beam reserves the right to change specifications at any time without notice.

Accessory



Secondary Wireless Handset (PTT100A)



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APPROVED BEAM RESELLER

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