



Iridium 9555 Sat-Dock Docking Station

Preferred Communications



- ▶ SatDOCK In-vehicle Hands-free docking unit for the latest 9555 Iridium telephone provides a high quality semi-permanent installation, using echo cancelling and full duplex technologies to provide superior voice quality and professional hands-free or privacy installation for any vehicle, boat or aircraft.

The purpose-built cradle simply docks the 9555 handset securely, providing an integrated antenna, data and power connection that makes it possible to keep all antenna cables and power permanently connected to the dock ready for use.

KEY FEATURES

- Full duplex hands-free operation
- Supports Privacy Handset Modes
- Integrated antenna and power connection
- USB Data Port
- Sturdy Docking Cradle
- No moving parts
- Handset charging
- USB and serial Data Port interface
- 10-32V DC input
- High quality speaker
- Loud ring indications
- Supports all voice & data services
- Superior Echo cancellation technology
- Supports stereo integration
- Enables connection to Horn alert
- Easy & convenient installation
- Universal mounting bracket
- Auxiliary & constant power modes
- Fully certified – including RoHS
- Wall or Vehicle mounting
- Easy to install

The 9555 handset is easily inserted and removed by the press of a button on the top of the dock making it very easy to remove the 9555 for use out of the dock at anytime.



BENEFITS

- 2 year Replacement Guarantee on cradle
- Install antenna, microphone and speaker in a convenient location, within the vehicle
- Voice services are easily accessed
- Data services available using USB connector
- Supports all Iridium internet and data service
- Purpose built to support the Iridium 9555 phone
- Accessible SMA antenna connection
- Hands-free Interface provides all the power and audio outputs
- Line level interface for specialized integrations.
- Optional Privacy Intelligent handset providing access to the same features available directly from the 9555 phone
- Compact privacy handset provides a low cost alternative
- Delay Power OFF functionality after the ignition is turned OFF
- Allows to power unit on accessory power in emergency applications
- Charges 9555 battery while in the cradle



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Iridium 9555 Sat-Dock Docking Station Cont'd...

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SatDOCK 9555 TECHNICAL SPECIFICATIONS

IRIDIUM NETWORK

9555 Handset	1616 - 1625 MHz
Compressed Data	10 - 12 kbps
Voice / Data Modulation	2.4 kbps

9555SD HANDS FREE

Power Specifications

Power Input Voltage	10 - 32 V DC	
Power Consumption (AMPS)	12 V DC	24 V DC
Stand by - incl handset	0.33	0.14
Transmit - incl handset	0.63	0.23

* Assumes battery charged

Physical Specifications

	SatDOCK	Interface
Dimensions - mm	158Lx62Wx59D	183x103x27
Dimensions - inches	7.73x3.25x3.25	7.2 x 5.1 x 1.0
Weight - kg	0.37	0.30
Weight - lbs	0.70	0.66

Environment Specifications

	Degrees °C	Degrees °F
Operating Range	-30 to +70	-22 to +158
Storage	-40 to +85	-40 to +185
Humidity	< 93% RH	

Buttons/LEDs

Button	LED
Mute/Ringer	On-cradle
Handset Release	Top of cradle
Backlight	White LED

Connectors / Interfaces

SatDOCK to Hands Free	D25
Antenna	Fixed Cable to SMA-Female
10-32V DC	Screw Connector
Intelligent Handset	RJ45 DPL BUS
Data Port	RS232 Serial Interface
Speaker	3.5mm mono
Microphone	2.5mm mono
Line In / Out	Screw Connector

Certifications

Iridium
Electrical Safety
EMC Compliance
C Tick
CE Compliance
RoHS

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

KIT CONTENTS

- Beam SatDOCK Cradle
- Beam Hands-free & Power Interface
- Ram-Mount Steel Mounting Bracket
- Interface & Power Cables
- Speaker & Microphone
- User & Installation Manual



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ACCESSORIES

- Basic Privacy Handset RST080
- Intelligent Handset RST970
- Mast Antenna RST710
- Whip Antenna RST714
- Magnetic Antenna RST715
- Bolt Mount Antenna RST720
- Antenna Cable 6m / 18 feet RST932
- Antenna Cable 12m / 36 feet RST933



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