



Land Solutions

Sea Solutions

Air Solutions



# SatDOCK 9555

## 9555SD



Voice



Data



Handsfree



Docking  
Station



# BEAM

# iridium SatDOCK 9555

## 9555SD

- ▶ **Handsfree**
- ▶ **Fully Integrated Communications**
- ▶ **Global Coverage**



SatDOCK 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 mode of communications for any maritime application.

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.

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.

### APPLICATIONS



SatDOCK 9555  
In-Vehicle Application



Beam SatDOCK,  
In-Vessel Application



Heavy Vehicles



Cargo Vessel /  
Captain & Crew  
Calling



In-building, Fixed  
Site Applications



Handsfree  
Communication



Light Aircraft &  
Helicopter

## KEY FEATURES

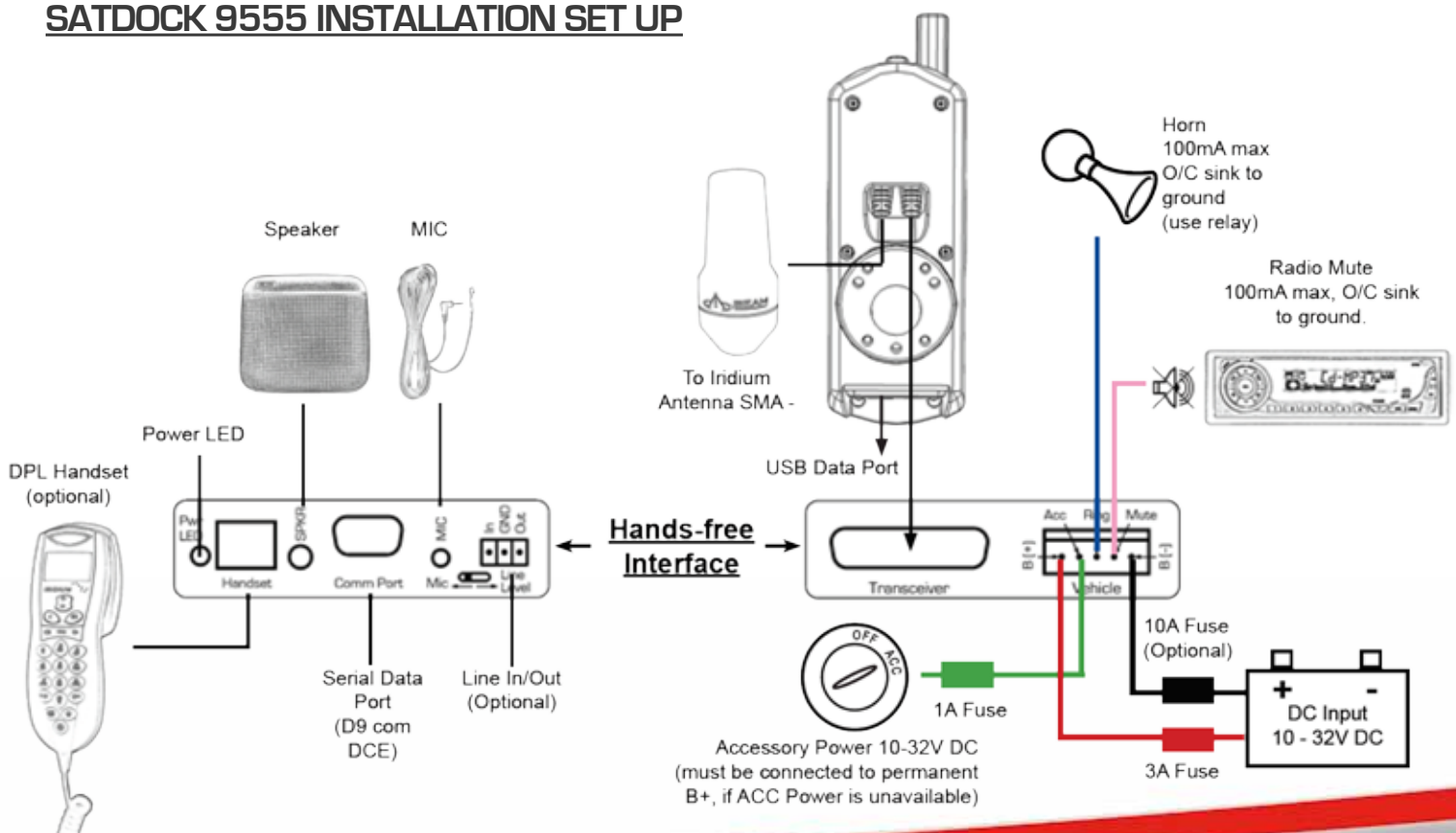
- ▶ Full duplex hands-free operation
- ▶ Supports Privacy Handset Modes
- ▶ Integrated antenna and power connection
- ▶ USB Data Port
- ▶ Sturdy Docking Cradle
- ▶ No moving parts
- ▶ Handset charging
- ▶ USB and serial Data Port interface
- ▶ 10-32V DC input
- ▶ High quality speaker

- ▶ 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 universal mount

## BENEFITS

- 2 year Replacement Guarantee on cradle
- Install antenna, microphone and speaker in a convenient location, within the vehicle or vessel
- 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 specialised integrations.
- Optional Privacy Intelligent handset providing access to the same features available directly from the 9555 phone
- Delay Power OFF functionality after the ignition is turned OFF
- Allows to power unit on accessory power in emergency applications
- Charges 9555 battery whilst in the cradle

## SATDOCK 9555 INSTALLATION SET UP



## TECHNICAL SPECIFICATIONS

IRIDIUM NETWORK		
9555 Handset	1616 - 1625 MHz	
Compressed Data	10 - 12 kbps	
Voice/Data Modulation	2.4 kbps	
Avg Power Consumption # (HFI & 9555 Cradle)	Current @ 12V	Power Watts
Satndby Mode (Charged)	0.23A	2.8W
Standby Mode (Charging)	1.0A	11.9W
Talk/Transmit Mode	1.5A	18W
Sleep Mode	35mA	
# Optional DPL handset	Add+2.5 Watts	
PHYSICAL SPECIFICATIONS	SatDOCK	Interface
Dimensions - mm	200 x 75 x 65	183 x 103 x 27
Dimensions - inches	7.9 x 3.0 x 2.7	7.2 x 5.1 x 1.0
Weight - kg	0.37	0.30
Weight - lbs	0.70	0.66
ENVIRONMENT SPECIFICATIONS		
9555 Handset Operating Temperature Range	-10 to +55°C	-14 to +131°F
SatDOCK Operating Temperature	-20 to +70°C	-4 to +158°F
Storage Temperature	-30 to +70°C	-22 to +158°F
Operating Humidity Range	< 85% RH non-condensing	
Mute LED		
Mute Mode	Solid Red	
Earpiece-jack Mode	Flashing Orange (Slow)	
Incompatible handset/ Connection Error	Flashing Red (Fast)	
Normal Handsfree Mode	Off	

CONNECTORS/INTERFACES	
SatDOCK to Handsfree	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	CE Compliance
Electrical Safety	RoHS
EMC Compliance	C Tick
Independent Aeronautical certification <b>MUST</b> be gained prior installation	
KIT CONTENTS	
Beam SatDOCK Cradle	
Beam Handsfree & Power Interface (HFI)	
RAM-Mount Steel Mounting Bracket	
Power Cables	
Speaker & Microphone	
User & Installation Manual	
BUNDLE PACKS AVAILABLE *	
Helix Bundle - 9555SDHB Kit	
* See your Beam Approved Reseller	

## ACCESSORIES

RST970	Intelligent Handset
RST710	Mast Antenna
RST714	Whip Antenna
RST715	Magnetic Antenna

RST720	Bolt Mount Antenna
RST932	Antenna Cable 6m / 18 feet
RST933	Antenna Cable 12m / 36 feet

APPROVED BEAM RESELLER

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