



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

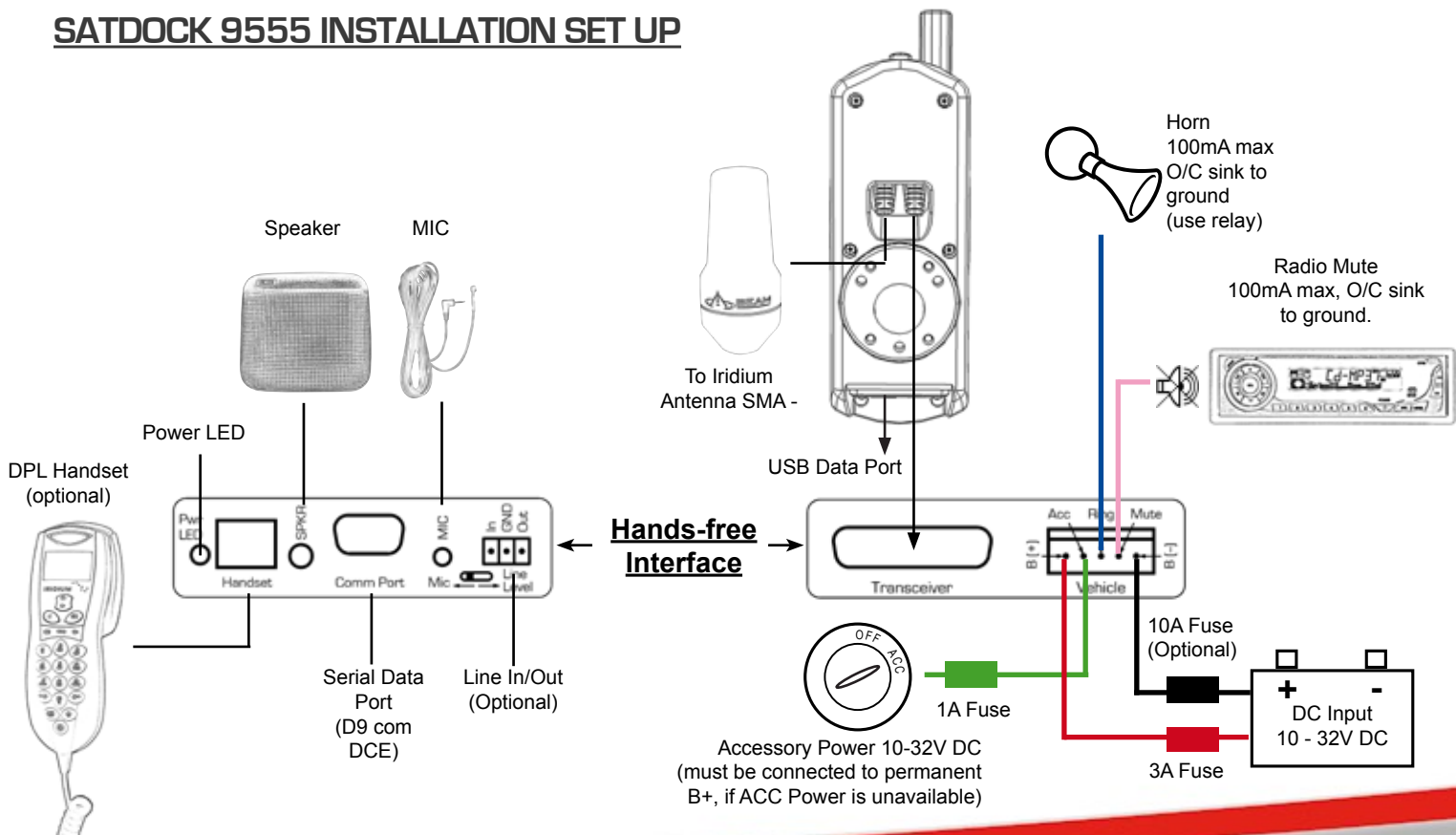
- ▶ Full duplex hands-free operation
- ▶ Supports Privacy Handset Modes
- ▶ Integrated antenna and power connection
- ▶ USB Data Port
- ▶ Sturdy Docking Cradle
- ▶ No moving parts
- ▶ Handset charging
- ▶ USB and serial Data Port interface
- ▶ 10-32V DC input
- ▶ High quality speaker

- ▶ 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

POWER SPECIFICATIONS

Power input voltage	10 - 32 V DC
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Power Consumption at 12V DC

Stand-by * - incl handset	0,33W
Transmit - incl handset	0,63W

Power Consumption at 12V DC

Stand-by * - incl handset	0,14W
Transmit - incl handset	0,23W

*When battery charged

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

Operating Temperature	-30 to +70 °C	-22 to +158 °F
Storage Temperature	-40 to +85 °C	-40 to 185 °F
Humidity	≤93% RH	

BUTTONS/LEDs

Bluetooth®	Blue/Orange
Alert	Red/Orange
Mute/Ringer	Red
Backlight	White LED

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	2.6mm mono
Line In / Out	Screw Connector

CERTIFICATIONS

Electrical Safety
EMC Compliance
CE Compliance
RoHS
C Tick

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

KIT CONTENTS

Beam SatDOCK Cradle
Beam Handsfree & Power Interface
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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