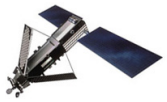
ASE-DK075 Fixed Station Terminal for Iridium 9555 Handsets



Introducing the ASE Docking Station that transforms the Iridium 9555 Phone

Applied Satellite Engineering's **ASE-DK075** docking station offers unprecedented reliability, superior intelligence, and rugged integrity to make an exceptional phone even better. Together, the Iridium 9555 and the **ASE-DK075** offer an unsurpassed package of reliability, innovation, power and efficiency.

The **ASE-DK075** provides office, vehicle and vessel customers with a dependable and critical lifeline via Iridium Satellite Network. The mobile satellite service, which offers the only pole-to-pole global communication coverage, enables the **ASE-DK075** to provide unfaltering satellite communication anywhere on Earth.

The docking station's advanced ergonomic design, small footprint, and array of attractive and up-to-the minute safety features place the **ASE-DK075** into a league of it's own.

Applied Satellite Engineering is a global leader in the manufacture of satellite communication equipment. The Company is an Iridium Value-Added Manufacturer and is widely hailed for its quality workmanship, integrity and ability to anticipate customers' needs with landmark solutions.

ASE-DK075 Features And Equipment

RJ11 Connection and PBX Integration Connects to an analog phone (single or PBX) including multi-handset wireless phones. Use of a cordless phone with expandable headsets can provide up to eight units within a two-mile range (unobstructed) from the base station. Or integrate a Satellite line into your company's PBX phone system.

Enhanced Smart Dial includes ground-breaking safety and problem-solving features It is the only docking station that can detect the correct format for the country that is being dialed and place the call once the number is entered. Specific audio tones alert the user when satellite is out of sight or signal strength is low, if phone is undocked and even when payment for service is overdue. The Smart Dial indicates when something's wrong, and how to correct it.

Innovative and Ergonomic Design Rugged and secure locking restraint secures 9555 in cradle in any environment. Technology for your control room, but attractive enough for your stateroom.

Status Indicators for Simple Operation – Large icons enable status viewing from 25 feet combine with the Iridium handset's graphic display for set-up, troubleshooting, programming and operation.

Indoor/Outdoor Dock the Iridium phone in our docking station to access satellite communication indoors. For outdoor use, un-dock the handset and take it with you.

Simple Installation Electronics-inclusive cradle means no extra components to hide which keeps installation simple and uncluttered.

USB Connect Serial port for data connections including Internet connect with Direct Internet 2.0. Allows the user to dial up the Internet to access email, weather reports and other information from a laptop.

- ◊ Built in Charger
- ◊ Base Station Ringer
- ◊ Handsfree Operation
- ◊ Wide-range Power Input
- ◊ Multiple Antenna Options
- ◊ PBX Integration Experts
- ◊ Ideal for Corporations, resilience and emergency preparedness, and mid-to-large maritime vessals

An expanding family of products provides cost and features for every Price Point

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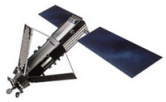
applied satellite engineering



9555 Docking Station Interface Ports

PORT	FUNCTION
A) Mini USB	USB Data Interface
B) RJ-11	PBX / Analog Phone Connection
C) RJ-45	Iridium Intelligent Handset
D) Power Input	9-36 VDC Voltage Input
E) Reset Button	Initiates a System Reset

Mechanical Specifications

PARAMETER	VALUE
Dimensions	9.75” x 5.50” x 3.25” (LxWxH)
Weight	1.4 lbs
Mounting	Direct wall mount or Universal Mounting (see accessories)

Ordering Information

PART NUMBER	DESCRIPTION
ASE-DK075	9555 Docking Station with RJ-11.
ASE-MNT01	Docking Station Universal Mounting Kit

Accessories

UNIVERSAL MOUNTING KIT

ASE’s Universal Mounting Kit allows multi-positional installation in almost any mobile environment.

Iridium Antenna Specifications

PARAMETER	VALUE
Operating Temperature Range (without loss of function)	– 40°C to + 85°C
Measurement Frequency Range	1616 MHz - 1626.5 MHz
Return Loss (minimum)	9 .5 dB (< 2:1 VSW R)
Gain (weighted average minimum)	0.0 dBic
Minimum “Horizon” Gain	– 2.0 dBic (82 degree conic average)
Nominal Impedance	50
Polarization	Right Hand Circular (RH CP)
Basic Pattern	Omnidirectional and Hemispherical

Note : The antenna cable must ensure a loss of < 3 dB and the minimum link margin of 12.1 dB must be maintained.

Electrical Specifications

PARAMETER	VALUE
Operating Voltage Range	9 – 36 VDC unregulated
Power Consumption	12 watts peak

Environmental Specifications

PARAMETER	VALUE
Operating Temperature Range	– 15°C to + 70°C
Exposure	Dry, protected location per IEC 60945

Remote Satellite Systems INTERNATIONAL

TOLL FREE 1-888-989-8199

1455 N. Dutton Suite A, Santa Rosa, CA 95401
FAX 707-546-8198 • info@remotesatellite.com
www.remotesatellite.com

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