



## *ASE-DK050 Fixed Station Terminal for Iridium 9555 Handset*

### **Introducing the ASE Docking Station that transforms the Iridium 9555 Phone**

Applied Satellite Engineering's **ASE-DK050** docking station offers unprecedented reliability, superior intelligence, and rugged integrity to make an exceptional phone even better. Together, the Iridium 9555 and the **ASE-DK050** offer an unsurpassed package of reliability, innovation, power and efficiency.

The **ASE-DK050** 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-DK050** 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-DK050** into a league of it's own.



## **ASE-DK050 Features And Equipment**

**Innovative and Ergonomic Design** Rugged and secure locking restraint secures 9555 in cradle in any environment. Swivel mount takes up small footprint on bridge.

**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.

**ASE Privacy Handset** Small and lightweight and securely latched, this corded handset is always ready for use. Plus the easy to read graphics display provides instant status and operational information.

**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.

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

**Indoor/Outdoor** Dock the Iridium phone in our docking station to access satellite communication indoors. For outdoor use, undock the handset and take it with you – fully charged and ready to go.

**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.

# ASE-DK050 Fixed Station Terminal for Iridium 9555 Handset Cont'd...

## 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 Impedence	50
Polarization	Right Hand Circular (RH CP)
Basic pattern	Omnidirectional and Hemispherical
Note: The antenna cable must ensure a loss of < 3 dB and minimum link margin of 12.1 dB must be maintained.	

## Environmental Specifications

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

## Accessories

	<b>UNIVERSAL MOUNTING KIT</b>
	ASE's Universal Mounting Kit allows multi-positional installation in almost any mobile environment.



## 9555 Docking Station Interface Ports

PORT	FUNCTION
A) Mini USB	USB Data Interface
B) RJ-45	Iridium Intelligent Handset
C) Power Input	9-36 VDC Voltage Input
D) 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-DK050	9555 Docking Station
ASE-MNT01	Docking Station universal Mounting Kit

## Electrical Specifications

PARAMETER	VALUE
Operating Voltage Range	9 - 36 VDC Regulated
Power Consumption	12 watts peak

