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Preface

Applied Satellite Engineering, a leader in the satellite communications, provides a unique solution for using your 9575 Iridium satellite phone indoors and outdoors. Just dock your Iridium phone in our Docking Station and you can access satellite communications with standard analog phone sets or your company's PABX system. When you need to leave the office, just un-dock your handset and take it with you. Never be out of touch again!

QUESTIONS

If at any time, you have questions or concerns about either the installation or operation of your Docking Station, please visit www.ase-corp.com or contact us using the information located on the cover of this manual.

Overview

Below is a breakdown of the features and Interface points of your new 9575 Docking Station.

Features

- A.....Iridium 9575 Handset (not incl.)
- B.....Universal Mounting Kit with Corded Intelligent Handset (optional)
- C.....UpLink LED Indicator (Green)
- D.....Voice LED Indicator (Blue)
- E.....Data LED Indicator (Blue)
- F.....Error LED Indicator (Red)
- G.....Handset Restraint Lock
- I.....External MIC or PTT Handset
- J.....External SPKR or PTT Handset

Connections

- K.....External Antenna(s)
- L.....Mini USB
- M.....RJ-11
- N.....RJ-45 (behind corded handset)
- O.....Power Input

Alternate Configurations

- P.....Push-To-Talk Handset
- Q.....Full-Duplex Mic and Speaker





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PRECAUTIONS:

Please read and understand this User's Manual before installing your Docking Station. Careless or incorrect installation can degrade performance, damage both new and existing equipment, and incur unexpected network airtime charges.

Safety Information**1. FAA Regulations**

ASE products are not FAA-approved and are not intended for aircraft use.

2. Exposure to Radio Frequency Signals

Your Iridium-designed satellite unit is a low power radio transmitter and receiver. When it is On, it receives and sends out radio frequency (RF) signals.

International agencies have set standards and recommendations for the protection of public exposure to RF electromagnetic energy:

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Elektrotechniker (VDE) DIN-0848
- United States Federal Commission, Radio Frequency Exposure Guidelines (1996)
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE C95, 1-1992
- National Council on Radiation Protection and Measurements (NCRP) Report 86
- Department of Health and Welfare Canada, Safety Code 6

These standards are based on extensive scientific review. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the updated ANSI standard.

The design of your phone complies with these standards when used as described under "Unit Operation."

3. Antenna Care

Use only the antenna supplied by your service provider or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could degrade performance or damage the phone and may violate local agency regulations.

4. Unit Operation

Do not operate the unit when a person is within 4 inches (10 centimeters) of the antenna. A person or object within 4 inches (10 centimeters) of the antenna could impair call quality and may cause the unit to operate at a higher power level than necessary and expose that person to RF energy in excess of that established by the FCC RF Exposure Guidelines.

5. Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Observe the following guidelines when using your phone while driving:

- Give full attention to driving; driving safely is your first responsibility.
- Use hands-free phone operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.



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Safety Information (Continued)**6. Electronic Devices**

Most modern electronic equipment is shielded from RF signals. However, certain equipment may not be shielded against RF signals from your Iridium-designed satellite unit.

7. Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of 6 inches be maintained between a wireless phone's antenna and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

PERSONS WITH PACEMAKERS

- Should ALWAYS keep the Iridium-designed satellite unit more than six inches from their pacemaker when the unit is turned On.
- Should turn the unit Off immediately if you have any reason to suspect that interference is taking place.

8. Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your unit Off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

9. Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

10. Posted Facilities

Turn your unit Off in any facilities where posted notices so require.

11. Blasting Areas

To avoid interfering with blasting operations, turn your unit Off when in a "blasting area" or in areas posted "Turn off two-way radio." Obey all signs and instructions.

12. Potentially Explosive Atmospheres

Turn your unit Off and disconnect the power supply when you are in any area with a potentially explosive atmosphere. Obey all signs and instructions. Sparks from your battery or power source in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are not always clearly marked. They include, but are not limited to: fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; areas where fuel odors are present (for example, if a gas/propane leak occurs in a car or home); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you normally would be advised to turn off your vehicle engine.



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Safety Information (Continued)**13. For Vehicles Equipped With Airbags**

An air bag inflates with great force. Do NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

14. Important Notes for PABX System Users

If using the Docking Station with a PABX system, the following precautions must be followed to prevent damage to your unit.

The Docking Station emulates a standard land-line wall jack and generates the required operating and ringing voltages. Connect to a PABX as either a central office (CO) or trunk line. Never connect the Docking Station to a PABX as an extension or damage to the PABX or Docking Station may result.



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Common Wire Connections

You may not need to make every accessory connection that you see outlined on the following pages. However, the steps shown on this page are generally the most common and should be read carefully.

IMPORTANT:

If you are in doubt about the mounting options or the connectivity at any stage of this installation, please contact an ASE representative for assistance. They will be able to guide you through your specific installation options more clearly.

Attach External Antennas

The 9575 Dock accepts a male TNC for Iridium and a male SMA for GPS.



IMPORTANT:

Do not exceed cable lengths outlined in the troubleshooting section of this manual. Keep cable splices to a minimum.

Attach & Lock Power Input Jack

Align the pin of the cord with the receptacle and press the plug firmly in place. Next twist the collar to "lock" the cord to the Docking Station.



IMPORTANT:

The lock collar on this cable should only be tightened "finger-tight." Do not use pliers as this will overtighten the cable and potentially damage the connector housing.

Attach Mini USB (optional except for data connectivity)

Align the Mini USB plug by positioning the graphic icon toward yourself, and gently press it into the receptacle. The plug should give you a tactile "click" once it is fully inserted.





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Optional Wire Connections

The steps on this page may not be applicable to every installation, and should be considered optional.

IMPORTANT:

If you are in doubt about the mounting options or the connectivity at any stage of this installation, please contact an ASE representative for assistance. They will be able to guide you through your specific installation options more clearly.

Attach Corded Privacy Handset (Included with Mounting Accessory Kit)

Connect your Corded Intelligent Handset to the RJ-45 jack as shown. The plug should be pressed into the socket until an audible 'click' is heard; this indicates the plug is fully seated and locked in position.

IMPORTANT:

Although this port uses a common RJ-45 connector, it will NOT support a connection to anything other than an Corded Intelligent Handset. Additionally, only one handset is supported.



Attach RJ-11 Analog Phone / PABX Interface (9575P Only)

Connect your telephone line to the RJ-11 jack as shown. The plug should be pressed into the socket until an audible 'click' is heard; this indicates the plug is fully seated and locked in position.

TO REMOVE:

Use your finger to squeeze the small plastic tab on the plug; this will "unlock" the plug thus allowing for its removal.





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Docking your 9575 Handset

The docking process is described below. Connections to the 9575 handset are made at two separate locations and the Docking Station is designed to self-align all of its electrical connections. However care should be taken to avoid using excess force when docking.

Open Protective Cover / Unlock Antenna Clasp

The 9575 Dock is fully compatible with the 9575 Extreme Handset's protective covers. Simply open the protective cover on the heel of the handset and slide into the Dock with it open to accept the mating cable. Then slide the mating cable through the retaining slot at the bottom of the Dock until it fully engages and locks with the handset. Alternatively, the mating cable can be connected before Docking and then seated into the Dock from the top.



Dock Handset / Lock Antenna Clasp

After connecting the mating cable to the handset as described above, lock the handset securely into the Dock with the handset lock. To remove the 9575 handset from the Dock, open the handset lock and lift the handset straight up until it clears the retaining slot at the bottom of the Dock. Disconnect the mating cable by pressing on the connector's locking clips.





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General Use

Refer to the instructions provided with your Iridium antenna to ensure proper placement. Clear line of sight to the Iridium satellites is fundamental to satellite phone connectivity. Be sure the antenna will reach your desired installation point inside your building without exceeding maximum length guidelines. The Docking Station must be installed in a dry, climate-controlled location.

Power On Messages

The 9575 Docking Station goes through several stages of system-checks and network registrations prior to being ready for use. Throughout these steps, you can follow the system status by monitoring the 9575 Handset, the Corded Intelligent Handset, the Docking Station Icon Indicators, and even the audio output from a connected telephone.

FYI:
POST = "Power On Self Test"

	Start-Up Stage	Description
1	Dock Power / POST	Dock Power-On / Internal Systems Check
2	Handset Power / POST	Handset Power-On / Internal Systems Check
3	Satellite Search	Handset searches for Iridium satellite network
4	Network Registered	Handset is Ready for Use

Stage 1) Dock Power On & POST

When first powered-on (or reset) the Docking Station will initiate a series of system checks which generally take about 15 seconds to complete.

Other Status Indicators:

RJ-11 Audio: Short-Long (repeat)...

Dock LEDs: Will "scroll" through each icon

9575 Handset



Corded Handset



Stage 2) Handset Power & POST

The intelligent handset powers up and initializes immediately when plugged in and displays system status.

Other Status Indicators:

RJ-11 Audio: Short-Long (repeat)...

Dock LEDs: Error icon (red) will blink

9575 Handset



Corded Handset





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Stage 3) Satellite Network Search

Once the 9575 Handset has completed its own start-up process, it will begin searching for the Iridium satellite network.

9575 Handset



Corded Handset



Other Status Indicators:

RJ-11 Audio: Short-Long (repeat)...

Dock LEDs: Satellite icon will blink

Stage 4) Network Registered

Once the satellite network has been found, the handset will Register and be ready for use.

9575 Handset



Corded Handset



IMPORTANT:

If you encounter problems, see the troubleshooting section of this manual.

Other Status Indicators:

Handset & RJ-11 Audio: Dailtone...

Dock LEDs: Satellite icon (green) stays lit

Stage 5) 9575 Undocked

The Docking Station indicates when the 9575 handset has been removed.

9575 Handset



Corded Handset



Other Status Indicators:

Handset Audio: none (display msg only)

RJ-11 Audio: [Long]-[Short] (repeat...)

Dock LEDs: Error icon (red) stays lit



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Making a Call - What you will hear (RJ-11 and corded intelligent handset)

SmartDial is special technology developed to simplify satellite dialing - making satellite dialing the same as familiar land-line dialing. This technology also simplifies PABX to RJ-11 interface with the 9575P model.

Calling With SmartDial

The Docking Station's SmartDial function enables direct dialing to any country. Only three steps are required:

1. Lift the phone to go off-hook.
2. Enter the country code. (For example, the United States is 1, Great Britain is 44.)
3. Enter the area code and number. The Docking Station automatically starts dialing the number after the correct number of digits are entered. (Pressing # places the call with whatever digits were dialed)

**911 Emergency Calls with SmartDial**

With SmartDial turned on and USA 911 turned on in the Options settings (see settings), dialing 911 from Docking Stations registered in the United States will call emergency services. Because 91 is the country code for India, the Docking Station must be programmed to ignore the country code if 911 is dialed. For United States users, this is the best setting, even if calls to India are frequent (it is safer to use SmartDial Override and keep 911 functionality).

WARNING:

With 'USA 911' turned off, you must dial '911' and then '#' to send to complete the call. Otherwise, all calls starting with '91' will be recognized as calls to India.



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Calling Without SmartDial

SmartDial turns off automatically when using the following dialing sequence:

1. Enter 0 0 (zero zero).
2. Enter the country code.
3. Enter the area code and telephone number.
4. Enter # to place call.

The Docking Station does not recognize country codes or number string lengths with SmartDial off. You must enter all digits correctly and press # to initiate the call—the Docking Station does not automatically dial with SmartDial off.

Answering a Call

An incoming call will ring the 9575 handset as well as an RJ-11/POTS connected phone (model 9575P). Depending on the connected accessories, the call can be answered in one of the following ways:

Intelligent Privacy Handset (DPL)

Remove Privacy Handset from its latching hang-up cup and press the GREEN OK key.

PTT or Speaker/Mic

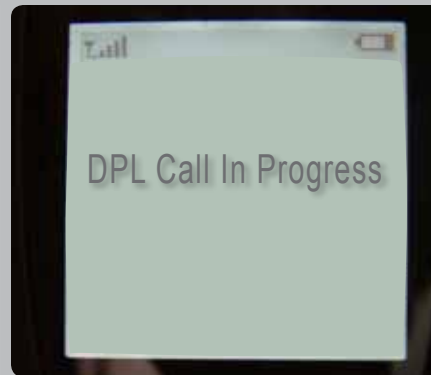
Press the GREEN key on the Docked 9575 handset.

RJ-11/POTS

Go off-hook or press the On/Off button on your connected 2-wire phone.

Displays During a Call

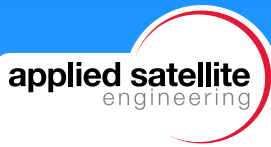
When you make an outgoing call, the handset displays the time of your connection.



Power Loss Warning!



If power to the Docking Station is lost or removed while on a voice or data call, there's a possibility that the 9575 will NOT terminate the call – nor will the Docking Station be able to terminate the call when re-powered. The Docking Station will blink the ERROR indicator and the message “SEARCHING...” will be displayed on the intelligent handset when in this condition. Additionally, the 9575 will be unresponsive to any key press including the On/Off button. The call **MUST** be terminated at the remote end to regain control of the 9575. Alternatively, the 9575 may be removed from the Docking Station so the battery pack on the 9575 can be removed and reinserted, forcing a hard reset of the phone.



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Accessing Docking Station Settings (RJ-11 and corded intelligent handset)

OPTION	SEQUENCE	DESCRIPTION
Volume	* 20 ┌ 1 Lowest │ 2 │ 3 │ 4 └ 5 Highest	Press *20 and then press 1 through 5 to change the volume level sent to the handset. Press 1 to adjust the volume to its lowest level, and 5 to adjust it to its highest.
US 911	* 50 ┌ 0 Disabled └ 1 Enabled	Press *500 to toggle USA 911 dialing off and *501 to toggle it on. By default, the Docking Station is set to USA 911 On. We strongly recommend leaving 911 dialing on if you are a United States customer. Be sure to read the sections below discussing emergency 911 calls. This setting partially overrides SmartDial recognition of country codes and allows United States callers to simply type 911 to access the emergency system. (If this setting is off, then calls starting with "91" are recognized as dialing the country code for India.)
Captain's Sim	* 53 ┌ 0 Disabled └ 1 Enabled	Press *530 for standard SIM card. Press *531 for Captain's SIM.
Phone Book	* 7 , ###	Press *7 to reach the Phone Book that resides in the SIM card, then enter the three-digit QuickDial number for the entry you wish to dial. Hang up to exit this menu. See the section below "Managing Your Phone Book" to learn more about this option.
Firmware Version	* 9 9 1	Displays the Dock model and version numbers on Privacy Handset
Serial Number	* 9 9 2	Displays the Dock Serial Number on Privacy Handset
IMEI	* 9 9 3	Displays the Serial Number of 9575 on the Privacy Handset
Restore Defaults	* 1 2 3 4 5	Restores default settings



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Accessing Star8 Diagnostics (RJ-11 and corded intelligent handset)

ASE's Star8™ features can perform a signal strength assessment that accounts for cabling distance, connector quality, and antenna placement. This evaluation may detect the presence of a structure or object that obstructs the signal's path to the satellite. These powerful diagnostic features can be performed during installation or utilized as a part of scheduled maintenance to ensure that the system is working at peak performance.

OPTION	SEQUENCE	DESCRIPTION
Signal Strength Tests	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid #000; padding: 2px 5px;">*</div> <div style="border: 1px solid #000; padding: 2px 5px;">80</div> <div style="font-size: 2em;">{</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="border: 1px solid #000; padding: 2px 5px;">0</div> <div style="border: 1px solid #000; padding: 2px 5px;">1</div> <div style="border: 1px solid #000; padding: 2px 5px;">2</div> </div> <div style="font-size: 2em;">}</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>NOW</div> <div>10</div> <div>30</div> </div> </div>	<p>Reports Iridium signal strength on the corded handset display, or as a series of audible beeps played on the RJ-11 handset. The number of beeps (0 to 5) represents signal strength (none to excellent)*.</p> <p>Options NOW: current signal strength 10: 10 minute average taken every minute** 30: 30 minute average taken every minute**</p> <p>*zero, or no beeps indicates antenna not connected **error tone given if not enough time has elapsed to compute the average</p>
Antenna Blockage Tests	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid #000; padding: 2px 5px;">*</div> <div style="border: 1px solid #000; padding: 2px 5px;">81</div> <div style="font-size: 2em;">{</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="border: 1px solid #000; padding: 2px 5px;">1</div> <div style="border: 1px solid #000; padding: 2px 5px;">2</div> </div> <div style="font-size: 2em;">}</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>10</div> <div>30</div> </div> </div>	<p>Reports potential Iridium antenna blockage displayed on the corded handset, or as a series of audible beeps played on the RJ-11 handset. The number of beeps (0 to 5) represents the percentage of blockage (none to severe)*.</p> <p>Options 10: percentage of bad signal strength over 10 minute period** 30: percentage of bad signal strength over 30 minute period**</p> <p>*zero, or no beeps indicates no antenna blockage detected **error tone given if not enough time has elapsed to compute the percentage</p>



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Frequently Asked Questions**QUESTION:**

How do callers dial in order to reach my Docking Station?

SOLUTION:

Your service provider will give you your Iridium phone number. Callers simply dial 011 (to reach an international line), then your Iridium number (starting with 8816). You might want to point out that your Iridium number does not follow standard United States format. There are 12 digits in your Iridium number.

QUESTION:

Can I use an answering machine with the Docking Station?

SOLUTION:

Yes, answering machines operate correctly with the Docking Station. Just attach the answering machine to the RJ-11 jack on the Docking Station unit as if you were plugging into the wall jack; then connect the rest of your equipment as described in the answering machine user's guide.

QUESTION:

Can I use a fax machine with the Docking Station?

SOLUTION:

No, fax machines will not function with the Docking Station due to shortcomings in satellite technology.



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Troubleshooting Introduction

The following are troubleshooting techniques to help resolve the most common problems encountered when using this product. Before attempting these tests, it's important to review the 'Preparations' section found in the '9575 Docking Station Quick Start Guide'. This and related documents; 'Docking Station User's Guide' and 'Fixed Station Terminal – Installer's Guide' are also available for more detailed installation and operating information. These documents can be viewed or downloaded at: www.ase-corp.com under the 'Product Info' section.

Booting the System

1. Verify Iridium handset PIN code is turned off and there is sufficient battery power.
2. Install phone in Docking Station following the instructions outlined earlier in this manual.
3. Lock the handset in place using the latch located in the upper left hand corner of the device.
4. The 9575 handset will power-up automatically or turn off and re-start depending on the state of the 9575 when docked.

IMPORTANT:

If the Dock cannot sync with the phone, the status LED (A) will keep blinking and the Dock will eventually re-boot itself and try to sync again. When the top LED goes on solid, the phone will remain on and the Dock is ready for use. If the LED keeps blinking and the Dock continues to re-boot, most common problem is poor Iridium signal strength.



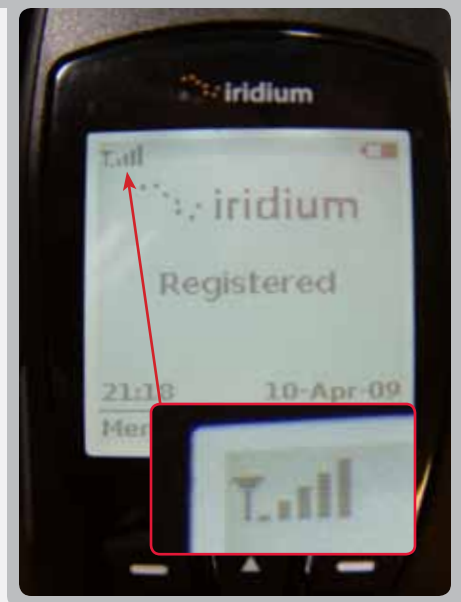
Checking Signal Strength

Follow these steps to check signal strength to the handset while installed in the Dock:

1. Remove power from the Docking Station.
2. Turn only Iridium handset On while still in the Dock.
3. Verify the phone registers with Iridium network and signal strength shows at least 4 out of 5 bars on the display.
4. Place a call directly using the handset's keypad and verify signal strength stays at 4 to 5 bars once call is connected.
5. If signal strength drops below 4 bars during any of these tests, check antenna location for obstructions and/or confirm antenna cable length has not been exceeded.

IMPORTANT:

Each cable splice will reduce signal strength. So it's important to keep splices to a minimum.





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Antenna Cable Runs

This table gives maximum cable runs for common LMR cable types. These maximum lengths are based on Iridium’s specified max signal loss of 3 dB from antenna to handset, and assumes there are no splices or couplers in the cable run.

Helpful Tip: Each connector/splice will reduce signal strength by approximately 0.5 dB.

Type	Max Length	
LMR-195	15.0 ft	4.57 m
LMR-240	22.1 ft	6.74 m
LMR-400	42.6 ft	12.98 m
LMR-600	65.7 ft	20.03 m
LMR-900	97.1 ft	29.60 m
LMR-1200	129.0 ft	39.32 m
AVA5-50	148.4 ft	45.23 m

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SYMPTOM:

Satellite icon (green) LED never stays on solid and continues to blink, system keeps re-booting

CAUSE:

Docking Station is unable to synchronize with the handset and Iridium network.

RESOLUTION:

Check Dock mating cable connection, verify docked handset has the PIN code turned Off, check antenna signal strength.

SYMPTOM:

Busy Signal present on RJ-11 analog phone

CAUSE:

Another symptom that the Dock cannot sync with the Iridium network.

RESOLUTION:

Verify docked handset has the PIN code turned Off, check antenna signal strength.

SYMPTOM:

Signal strength drops when a call is placed

CAUSE:

Check antenna location for obstructions, a 360 degree clear view of the sky is required for proper operation. Antenna cable length exceeded or there are too many splices in cable run.

RESOLUTION:

Re-position antenna away from obstructions, verify cable length has not been exceeded, eliminate unnecessary cable splices.



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1. Coverage and Duration

Applied Satellite Engineering, Inc. (ASE) warrants that its new satellite subscriber radiotelephone products and accessories (the "Product") shall be free from defects in materials and workmanship for a period of twenty-four (24) months from the date such Product is delivered to the first end-user purchaser or first lessee (the "Purchaser"), or the date such Products are first placed into satellite subscriber service, whichever occurs earliest. ASE, at its option, shall at no charge to Purchaser, either repair or replace the Product, or refund the purchase price of a Product that does not conform to this warranty, provided the Product is returned in accordance with the instructions set out below and within the warranty period. These remedies are Purchaser's exclusive remedies under this warranty. Repair may include the replacement of parts or boards with functionally equivalent reconditioned or new parts or boards. A Product that has been repaired or replaced is warranted for the balance of the original warranty period. A Product for which a replacement has been provided shall become ASE's property.

This warranty is made by ASE to the Purchaser of the Products only, and it is not assignable or transferable by the Purchaser. This is ASE's sole and complete warranty for the Products. ASE assumes no obligation or liability for additions or modifications to this warranty unless made in writing and signed by an officer of ASE. ASE does not warrant any installation, maintenance, or service of the Products not performed by ASE.

This product is covered by a U.S.A. warranty. If the Product has been sold outside of the U.S.A., ASE will honor the U.S.A. warranty terms and conditions only. Outside of the U.S.A., any different warranty terms, liabilities, and/or legal requirements of the country in which the Product is sold are specifically disclaimed by ASE.

2. Conditions Not Covered By This Warranty

a) Products that are integrated, installed, maintained, or serviced in any manner other than in accordance with the ASE user documentation furnished with or applicable to the Product.

b) Product damage caused by the use of ancillary equipment not furnished by ASE, including accessories and peripherals.

c) Problems where the Product is used in a combination with ancillary equipment not furnished by ASE and it is determined by ASE there is no fault with the Product.

d) Ancillary equipment not furnished by ASE that is attached to or used in connection with the Products is not the responsibility of ASE, and all such equipment is expressly excluded from this warranty. Furthermore, ASE does not warrant the integrated operation of the combination of the Products with any ancillary equipment not furnished by ASE.

e) Defects or damage resulting from: use of the Product in any manner not normal or customary; misuse, accident, or neglect, including but not limited to dropping the Product onto hard surfaces, immersion in or exposure to water, rain or extreme humidity, immersion in or exposure to sand, dirt, or other particulates, exposure to extreme heat, spills of food or liquid; improper testing, operation, maintenance, installation, adjustment; or any alteration or modification of any kind.

f) Batteries manufactured by ASE and sold with Products whose capacity exceeds 80% of rated capacity are not covered. Batteries whose capacity falls below 80% of rated capacity, or that develop leakage, shall be considered non-conforming. This warranty is voided for batteries if: i) such batteries are charged by other than the ASE-approved battery charger specified for charging such batteries; ii) any seals on such batteries are broken or show evidence of tampering; iii) such batteries are used in equipment other than the Product for which they are specified; or iv) such batteries are charged and stored at temperatures greater than 60 degrees Celsius.

g) Breakage or damage to antennas, or scratches or other damage to plastic surfaces or other externally exposed parts caused by Purchaser's use.



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ASE Limited Warranty (Continued)

- h) Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
- i) Products on which serial numbers or date tags have been removed, altered, or obliterated.
- j) Coil cords that are stretched or on which the modular tab is broken; leather cases, which are covered under separate manufacturer's warranties.
- k) Products rented on a month-to-month basis.
- l) Normal wear and tear.

3. Obtaining Warranty Service

For warranty questions, repairs, or for the return of Product, please call your Service Provider or Point-of-Sale, not ASE. Equipment needing service should be returned to your Service Provider or Point-of-Sale, not ASE. SERVICE WORK PERFORMED BY SERVICE CENTERS NOT AUTHORIZED BY ASE TO PERFORM SUCH WORK WILL VOID THIS WARRANTY.

All products shipped to ASE's authorized Warranty Service Center must be shipped with freight and insurance prepaid. Purchaser must include with the Product a bill of sale, a lease, or some other comparable proof of purchase, the name and location of the installation facility, if any, and most importantly, the Purchaser's name, address, and telephone number and a written description of the problem. Product that is repaired or replaced under this warranty shall be returned to Purchaser at ASE's expense for the freight and insurance, and at Purchaser's expense for any applicable duties or other charges. If additional information is needed, please contact ASE at the address and phone number listed in this document.

4. General Provisions

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. FURTHER, THIS WARRANTY COVERS THE PRODUCTS ONLY, AND NO WARRANTY IS MADE AS TO COVERAGE, AVAILABILITY, OR GRADE OF SERVICE PROVIDED BY ASE SEPARATELY FOR ASE SATELLITE SERVICES. IN NO EVENT SHALL ASE BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT IN QUESTION, OR FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

5. State Law and Other Jurisdiction Rights; Software Copyrights

Some states and other jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or limitation on how long an implied warranty lasts, so the above limitations or exclusions may not apply to Purchaser.

This warranty gives Purchaser specific legal rights, and Purchaser may also have other rights that vary from jurisdiction to jurisdiction.

Laws in the United States and other countries preserve for ASE certain exclusive rights for copyrighted Product software such as the exclusive rights to reproduce in copies and distribute copies of such Product software. Product software may be copied into, used in, and redistributed with only the Product associated with such Product software. No other use, including without limitation disassembly, of such Product software or exercise of exclusive rights in such Product software is permitted.



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Declaration Of Conformity

Declaration of Conformity

Application of Council Directive: 2004/108/EC

Standards To Which Conformity Is Declared:	IEC60945:2002	
	Conducted Emissions	Clause 9.2
	Radiated Emissions	Clause 9.3
	Conducted RF Disturbance	Clause 10.3
	Radiated RF Immunity	Clause 10.4
	Electrical Fast Transients	Clause 10.5
	Electrostatic Discharge	Clause 10.9
	Compass Safe Distance	Clause 11.2

Manufacturer's Name:	Applied Satellite Engineering Inc.
Manufacturer's Address:	16559 N. 92nd Street, #101 Scottsdale, AZ 85260 (480) 443-1424
Equipment Description:	Docking Station
Equipment Class:	Maritime Navigation and Radio Communication Equipment and Systems
Model Numbers:	ASE-9575P (Incl ASE-9575)

*I the undersigned, hereby declare that the equipment specified above,
conforms to the above Directive(s) and Standard(s).*

<small>Place:</small>	Scottsdale, AZ USA
<small>Signature:</small>	<i>Bill Reddy</i>
<small>Full Name:</small>	BILL REDDY
<small>Position:</small>	CTO / Dir. Engineering