Beam Communications

SIMPIN CONFIGURATION GUIDE

Contents

What is a SIMPIN ?

The Subscriber Identity Module (SIM) often referred to as a simcard, typically is provisioned and issued by a Service Provider (SP) with an associated Personal Identification Number (PIN), sometimes referred to as PIN1. It is possible to request simcards without PINs. When the Iridium phone/transceiver first powers on, if the unit is set to request that the user enter the PIN code then until this has been successfully completed the unit will not **register, place calls or receive calls**.

NOTE: For models RST100/310/980. When a SIM PIN is required their signal LED will continue to flash RED until a valid PIN is entered. This flashing RED indicates that the unit is not registered on the Iridium network.

How do I enter a SIMPIN ?

Interface/Accessory	Instructions
Intelligent Handset	Upon powering up the device the Intelligent Handset will prompt **Enter PIN**. Enter the pin code via the keypad and press **OK**
Iridium 9505/9505A	Upon powering up the device the Handset will prompt **Enter PIN**. Enter the pin code via the keypad and press **OK**
Iridium 9555	Upon powering up the device the handset will prompt **Enter PIN**. Enter the pin code via the keypad and press the left soft key.
USB/Serial data port	Type at+CPIN? (will show the current state of the PIN code) +CPIN:SIM PIN (the expected response if the SIM PIN is required) at+CPIN="1111" (enters the PIN 1111) OK at+CPIN? +CPIN:SIM PIN2 (This means that the PIN is enabled, and is the correct response)
RJ11/PSTN Phone	1. Pick up the handset on the RJ11 POTS phone and you should hear the following tone: 2. Via the keypad on the RJ11 POTS phone enter the 4 digit pin. 3. Wait for approximately 10 seconds and the tone should change. 4. Hang up the handset

How do I disable a SIMPIN ?

Interface/ Accessory	Instructions
Intelligent Handset	**Getting to Require SIM Card PIN...** 1. **Press** 🔘 until you see Phone Setup, and then **press** 🔘. 2. **Press** 🔘 to scroll to Require SIM Card PIN, and then **press** 🔘. 3. **Press** 🔘 to scroll to one of the features described below. You will see the feature name, followed by View Options?. **Activate and Deactivate the SIM Card PIN Code** When the PIN code is activated on the SIM card, the DPL handset/9522A modem requests the code whenever it is powered on. To change this setting, the PIN code provided by an Iridium service provider needs to be entered. 1. Follow the steps in the "Getting to Require SIM Card PIN…" 2. Press 🔘 to choose either On or Off , and then press 🔘 . The message Enter PIN will appear. 3. Enter four- to eight-digit SIM card PIN code, and then press 🔘 . The message Completed will appear. 4. Press and hold Ⓒ to exit the menu. **Tip:** The SIM card PIN code is obtained from an Iridium service provider. The default SIM card PIN code is 1111.
9505/9505A	**Getting to Require SIM Card PIN...** 1. **Press** 🔘 until you see Phone Setup, and then **press** 🔘. 2. **Press** 🔘 to scroll to Require SIM Card PIN, and then **press** 🔘. 3. **Press** 🔘 to scroll to one of the features described below. You will see the feature name, followed by View Options?.

### *Change the SIM Card PIN Code*

To choose your own PIN code:

1. **Follow the steps in** "Getting to Require SIM Card PIN…" to get to Change SIM PIN Code, and then **press** 🆗 to select. You will see Enter Old PIN.

2. **Enter the current PIN code**, and then **press** 🆗. You will see Enter New PIN.

3. **Enter a new PIN code**, and then **press** 🆗. You will see Repeat New PIN.

4. **Re-enter the new PIN code**, and then **press** 🆗 again. You will see Completed.

5. **Press and hold** 🇨 to exit the menu.

Iridium 9555

Enable or Disable the SIM lock

When you activate the SIM card PIN code, your phone requests the code whenever you phone is powered on. To change this setting, you need to enter the PIN code that your service provider gave you.
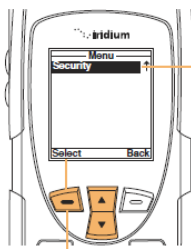
Starting from the **Main Menu**:

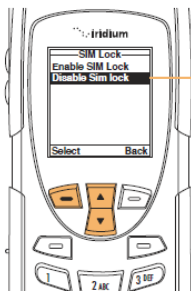1. Use the **2-way navi-key** to scroll until **Security** is highlighted.

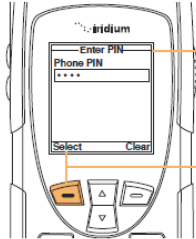**Note:** Scroll one down from Setup to view the Security option.
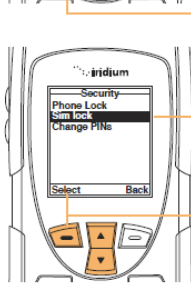
2. Press the **left** soft key labeled **Select**.

3. Use the **2-way navi-key** to scroll until **SIM lock** is highlighted.

4. Press the **left soft** key labeled **Select**.

5. Use the **2-way navi-key** until the action you prefer is highlighted.

	6. The **Enter PIN** screen will now appear. Using the **keypad** enter the PIN number. 7. Press the **left** soft key labeled **Select**. Note: The message **Sim Lock disabled** will briefly appear and then return to the Sim Lock menu.
USB/Serial data port	Type **AT+CPIN?** and ensure that PIN has first been entered. "SIM PIN2" is returned if PIN has been entered. If "SIM PIN" is returned, then enter: AT+CPIN="<code>" Where code is the current SIM PIN, ensuring the PIN is enclosed in " ". Then to disable the SIM PIN prompting on power up, use AT+CLCK as follows: Type: AT+CLCK="SC",0,"<code>" Where code is the current SIM PIN.
RJ11/PSTN Phone	Requiring a SIM PIN cannot be disabled via the RJ11 POTS interface

What do I do if I enter my SIMPIN incorrectly three times and my card is BLOCKED ?

NOTE: A the correct PUK code for your sim card can be obtained from your service provider.

Interface/Accessory	Instructions	
Intelligent Handset	**Tip:** *The message* Blocked *indicates that an incorrect PIN code was entered. The message* **!** Blocked *indicates that an incorrect PIN2 code was entered.*	### Unblock the PIN Code If your PIN code is entered incorrectly three times in a row, Blocked appears in the display. You need to enter a PIN unblocking key (PUK1), which you can obtain from your service provider. 1. **Press** ✱ ✱ 0+ 5 JKL ✱ . 2. **Enter unblocking key.** Enter the eight-digit PUK1 unblocking key, and then **press OK** . Your service provider supplies this code. 3. **Enter a new PIN code**, and then **press OK** . 4. **Re-enter the new PIN code**, and then **press OK** .
Iridium 9505/9505A	**Tip:** *The message* Blocked *indicates that an incorrect PIN code was entered. The message* **!** Blocked *indicates that an incorrect PIN2 code was entered.*	### Unblock the PIN Code If your PIN code is entered incorrectly three times in a row, Blocked appears in the display. You need to enter a PIN unblocking key (PUK1), which you can obtain from your service provider. 1. **Press** ✱ ✱ 0+ 5 JKL ✱ . 2. **Enter unblocking key.** Enter the eight-digit PUK1 unblocking key, and then **press OK** . Your service provider supplies this code. 3. **Enter a new PIN code**, and then **press OK** . 4. **Re-enter the new PIN code**, and then **press OK** .

Iridium 9555	**Unblock the PIN Code** **Tip:** *The message* Blocked *indicates that an incorrect PIN code was entered. The message* ⚠ Blocked *indicates that an incorrect PIN2 code was entered.*	If your PIN code is entered incorrectly three times in a row, Blocked appears in the display. You need to enter a PIN unblocking key (PUK1), which you can obtain from your service provider. 1. **Press** ✳ ✳ 0+ 5JKL ✳ . 2. **Enter unblocking key.** Enter the eight-digit PUK1 unblocking key, and then **press** OK . Your service provider supplies this code. 3. **Enter a new PIN code**, and then **press** OK . 4. **Re-enter the new PIN code**, and then **press** OK .
USB/Serial data port	It is possible to enter the PUK using AT commands. Where 66154263 is the PUK and 1111 is the new PIN. at+CPIN? (check that the PUK is required) +CPIN:SIM PUK (this response shows that the PUK is required) at+CPIN="66154263","1111" (unblock the RST and set new PIN) OK at+CPIN? (Check that the PIN is OK) +CPIN:SIM PIN
RJ11/PSTN Phone	1. Power cycle unit and make sure the power is disconnected for at least 10secs 2. Wait 1 min for the unit to power up 4. Enter the PUK with the keypad. (do not enter the SIM PIN) 5. Wait for the engaged dial tone (approximately 10 secs) then hang up. 6. Pick up the handset and it should have a dial tone. 7. The new SIM PIN is now the user PIN for the log port (the default is 9876).