



QUARTZ-GOLD

Quick Start Guide

Rev 1.0

Whats in the Box?

This quick start guide is intended for the Siretta QUARTZ-GOLD Series Routers.



Common Accessories

If you ordered a router with accessories, you will also receive the following items:



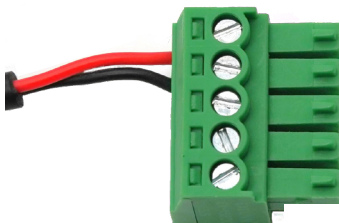
Ethernet Cable



Power Adaptor



Cellular Antenna



Power Cable and Connector



The QUARTZ-GOLD DIN Rail adapter does not come as a standard part of the accessories kit, but is available separately. Please specify when ordering

Optional Accessories

If you ordered a router with accessories and have opted for either WiFi and/or GPS variants, then you will also receive one or both of the following items:



WiFi Blade

(For routers with Wi-Fi antenna)



GPS Antenna

(For routers with GPS option)

Additional Items

You will require the following items for configuring your router:

- » 3G or 4G SIM card with APN details
- » Paperclip or SIM card Removal Tool to eject the SIM tray
- » PC to configure the router

NOTE - Please ensure your antenna and SIM card are appropriate for the router you are using.

Step 1: Use a paperclip or Sim Card Removal Tool to eject the SIM tray on the router.



Step 2: Insert a SIM card into the SIM tray. Close the SIM tray, ensuring it is seated back in place.

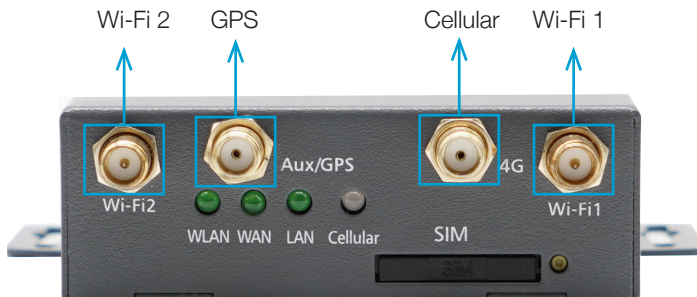


Step 3: ANTENNA CONNECTIONS: Screw the cellular antenna to the main antenna connector on the router. Twist the antenna connector clock-wise until the antenna is firmly connected.



Connect the 2 Wi-Fi antennas marked “Wi-Fi1” and “Wi-Fi2” by twisting the antenna connector clock-wise until the antenna is firmly connected.

If you have a GPS router, connect the GPS antenna to the GPS connector on the router.



Step 4: LAN CONNECTION: Connect one end of the Ethernet cable into the router LAN port, connect the other end of the cable into an Ethernet port on your PC.



Step 5: POWER: Plug the green power connector on the power adapter cable into the router as shown below. Plug the 2.1mm centre pin connector from the plug-top power supply in to the other end of the power adapter cable.



Step 6: POWER: Select connector type for your power adaptor depending on your geographical location (UK/EU/USA/AU). Plug the power adaptor to the mains.



Step 7: POWER: Switch on the power. See table below for LED indications when router is powered on.

Table 1. Router LED indication

Label	Colour	Status	Indication
Cellular	Red	Fast blink (0.5s)	Cellular offline
	Red	Slow blink (1.0s)	3G / UMTS connection online, poor cellular signal
	Red	Solid	4G / LTE connection online, poor cellular signal
	Green	Slow blink (1.0s)	3G / UMTS connection online, good cellular signal
	Green	Solid	4G / LTE connection online, good cellular signal
WLAN	Green	Off	WLAN not enabled
	Green	Fast blink	Data transfer
	Green	Solid	Enabled, no data flow

Table 1. Router LED indication continued

Label	Colour	Status	Indication
LAN / WAN	Green	Off	Not connected
	Green	Blinking	Data transfer
	Green	Solid	Connected, no data flow


Step 8: IP ADDRESS: Obtain the IP address of your router. You can find this on the silver label on the back of your router. Type the IP address of your router into your PC browser. When prompted for your user name and password use the following:

User name: admin

Password: admin

These credentials are factory defaults. You can set your own user name and password in the router settings.

Authentication Required ×

 http://192.168.1.1 is requesting your username and password. The site says: "Router"

User Name:

Password:

Step 9: APN SET-UP: On successful login, navigate to the Basic Network > Cellular tab.

When you arrive at the 'Cellular Settings' page, you will need to enter the APN details for the network provider of your SIM card.

In the image below, we have used the APN details relevant for "EE". These being:

- APN: everywhere
- Username: eesecure
- Password: secure



You are not required to enter any 'Proxy' or 'Port' details.

A screenshot of the Siretta web interface. The left sidebar shows a navigation menu with options: Status, Basic Network (selected), WAN, Cellular (selected), LAN, VLAN, Schedule, DNS, Routing, WiLAN, Advanced Network, Firewall, VPN Tunnel, and Administration. The main content area is titled 'Cellular Settings' and includes a sub-header 'Enable Modem' with a blue toggle switch. Below this, there are tabs for 'Basic Settings' and 'SIM 1'. The 'SIM 1' tab is active, showing fields for Mode (set to 'Auto'), PIN Code, APN (set to 'everywhere'), User (set to 'eesecure'), Password (masked with asterisks), Dial Number (set to '*99#'), Auth Type (set to 'Auto'), and Local IP Address. A red warning message at the top of the main area states: 'The settings changed, some settings will take effect after the router reboots. [Reboot Now](#)'. At the bottom of the form are 'Save' and 'Cancel' buttons.

Step 10: CONNECTING TO NETWORK: Click “Save”. Your router will reboot itself. The router will then connect to the network and is ready for use with your application.

The screenshot displays the Siretta router's web interface. On the left is a blue sidebar menu with options: Status (selected), Overview, Traffic Stats, GPS Status, Device List, Basic Network, WLAN, Advanced Network, Firewall, VPN Tunnel, and Administration. The main content area shows network status for WAN/LAN, LAN, VPN Status, and WAN. The WAN section is expanded, showing connection details. The 'Connection Status' is highlighted with a red circle and shows 'connected'. The 'Connection Uptime' is 00:02:22. The top right shows MAC Address and various network modes. The bottom left shows the IP address 2.168.1.1 and a 'More Info' link.

Section	Item	Value
VPN Status	VPN Status	No Active VPN
LAN	Router MAC Address	340A:1608:01:A6
	Router IP Addresses	br0 (LAN) - 192.168.1.1/24
	DHCP	br0 (LAN) - 192.168.1.2 - 192.168.1.51
WAN	Connection Type	
	Modem (IMEI)	862348051875136
	Modem Status	Ready
	Cellular (SP)	"EE EE"
	Cellular Network	LTE
	USIM Status	Ready
	USIM ID	8944303382697153392F
	CSQ	16 -
	IP Address	10.63.28.92
	Subnet Mask	255.255.255.248
	Gateway	10.63.28.93
	DNS	109.249.185.228.53, 109.249.185.229.53
	Connection Status	connected
	Connection Uptime	00:02:22

NOTE - If you cannot access the router GUI, please check your local area network settings.

Further Information

For more information when using your router, a range of application notes, hardware and software user manuals are available to download. You can request these from your Siretta representative, alternatively these can be downloaded from www.siretta.com



sales +44 (0)118 976 9000
email sales@siretta.com

www.siretta.com

Siretta Ltd
Basingstoke Road
Spencers Wood
Reading
Berkshire
RG7 1PW
United Kingdom

Company No. 08405712
VAT Registration No. GB163 04 0349



Rev 1.0