SIERRA WIRELESS: MG90

QUICK-START GUIDE

FEBRUARY 2018

SIERRA MG90 QUICK-START GUIDE

GENERAL TROUBLESHOOTING:

01 //

HOW TO INSERT A SIM CARD

1. Use a #1 Phillips screwdriver to remove the SIM card cover.
2. Slide the SIM card in brass side up until it clicks into place.
3. If you are only using a single cellular plan, the SIM will go into slot A1
4. If you are using dual cellular plans, the SIMs will go into slot A1 and B1
5. Once installed, you may re-attach the cover.

SIM card cover

Note the orientation of notched corner for proper SIM card alignment

#1 Phillips screws

Figure 2-1: Installing the SIM Cards

02 //

LED BEHAVIOR

1. Use a #1 Phillips screwdriver to remove the SIM card cover.
2. Slide the SIM card in brass side up until it clicks into place.
3. If you are only using a single cellular plan, the SIM will go into slot A1
4. If you are using dual cellular plans, the SIMs will go into slot A1 and B1
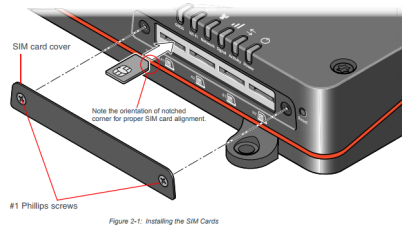5. Once installed, you may re-attach the cover.

LED	Color/Pattern	Description
GNSS	Solid Green	Satellite fix available
	Flashing Amber	No satellite fix available
	Off	
Wi-Fi	Solid Green	Wi-Fi enabled (any mode), and not connected to an access point
	Flashing Green	Transmitting/receiving over Wi-Fi while not connected to an access point
	Solid Amber	Wi-Fi connected to an access point (i.e. Network state is "Network Ready - Wi-Fi")
	Flashing Amber	Transmitting/receiving over Wi-Fi while connected to an access point
	Off	Wi-Fi is off
Network	Flashing Amber	Connecting to a network
	Flashing Green	Connected to WAN (over cellular, Wi-Fi, or Ethernet)
	Solid Green	Connected to VPN
	Off	No network connection
Signal		If the active WAN link is: • Cellular—Signal shown is for the cellular radio for that link. • Other (Wi-Fi, Ethernet, etc.)—Signal shown is for the strongest cellular radio.
	Solid Green	Good signal (≥-85 dBm; equivalent to 4–5 bars)
	Solid Amber	Average signal (≥-100 dBm, <-85 dB; equivalent to 2–3 bars)
	Red	Poor signal (≤-100 dBm; equivalent to 1 bar)
Activity	Flashing Green	Transmitting/receiving over the WAN interface
	Off	No WAN Activity
Power	Solid Green	Power is present, normal operation
	Flashing Green	Power is present, MG90 is booting
	Solid Amber	Standby mode
	Flashing Red	• Slow blink (1 per second)—Temperature out of operating range (see Temperature (operational) on page 31) • Fast blink (4 per second)—Voltage out of operating range
	Off	No Power
All LEDs	Green LED chase	Radio module update is in progress
	Amber LED chase	Software update is in progress
	Solid White	Factory default reset is in progress When the factory reset finishes, the MG90 will power off and, if AutoPower is enabled (LCI General > Startup tab), will reboot.

03 //

POWER LIGHT IS FLASHING RED AND NOT POWERING UP

1. Ensure that the vehicle is running.
2. Check the ignition and power fuses in the yellow fuse holders.
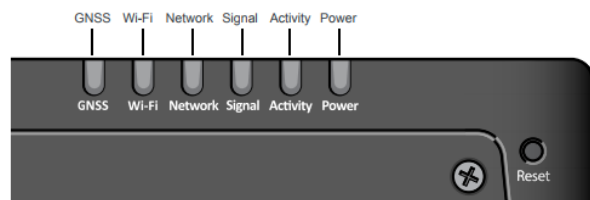3. If the MG90 still won't boot, contact Keltek for service.

Figure 2-15: MG90 LED Status Indicators (front panel)

KELTEK INCORPORATED

THANK YOU FOR THE BUSINESS.

CONTACT

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