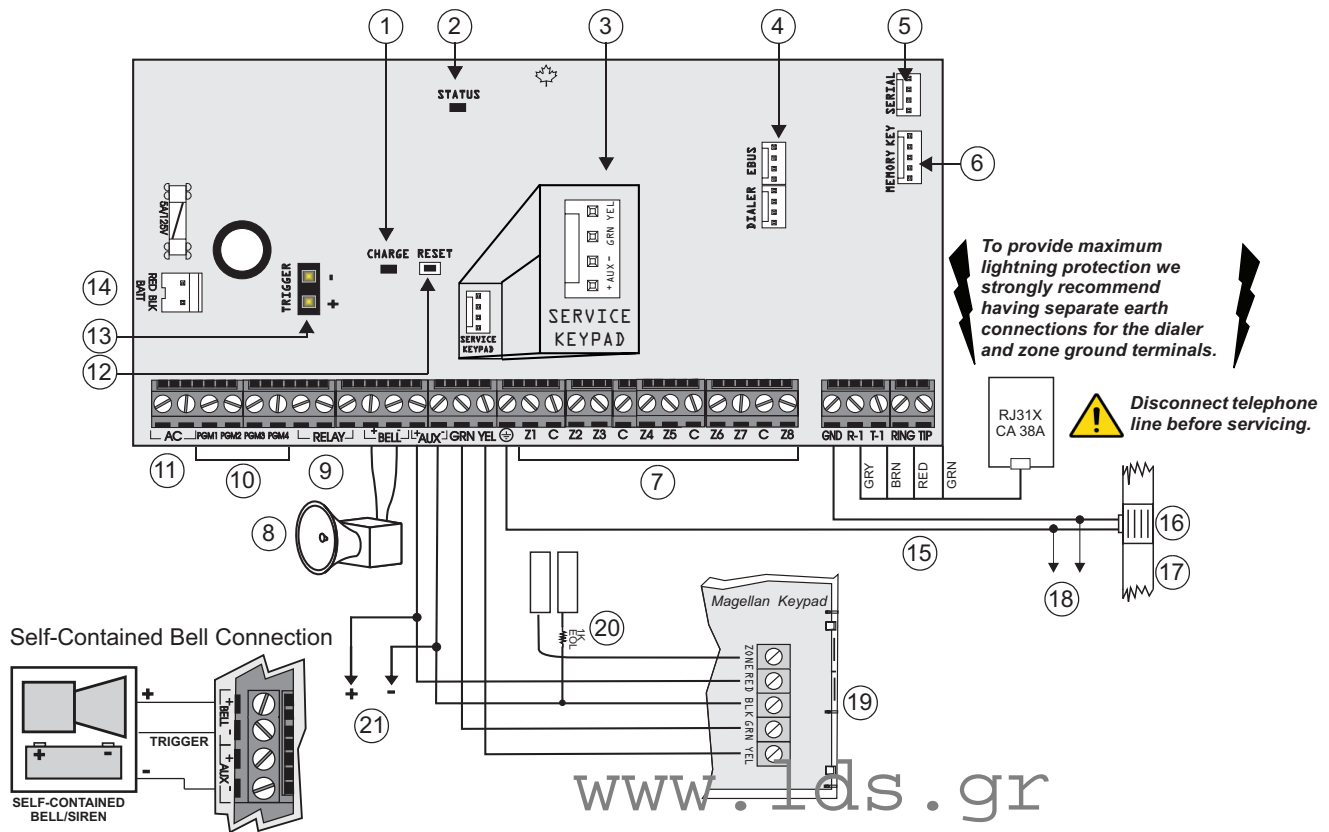


SP6000 PCB Layout



- ① Charge LED:
 - Charging and battery test
- ② Status LED:
 - Flash once every second = Normal
 - Flashes ON 1 second and OFF 1 second = Any trouble
 - Always ON = Panel is using phone line
 - Fast flash 6 seconds after power up = Installer lock enabled
- ③ Four pin connector can be used for quick installation of a keypad.
- ④ EBUS and Dialer used with:
 - VDMP3 plug-in voice module for voice reporting
 - PCS Series GSM communicator module
- ⑤ Used for connecting the IP100 Internet Module. Also used for In-Field Firmware upgrade through a 307USB Direct Connect Interface. See Connecting to WinLoad on page 60 for details.
- ⑥ Paradox Memory Key (PMC-4, PMC5)
- ⑦ Refer to Hardware Connections page 56.
- ⑧ The "BELL" output will shutdown if the current exceeds 3A.
- ⑨ Programmable output relay: max. 5A @ 60VDC or 120VAC
- ⑩ Refer to PGM Connections on page 57.
- ⑪ 16.5 VAC (50 or 60Hz) minimum 20 VA (40 VA recommended)
- ⑫ Refer to Panel Reset on page 7.
- ⑬ PGM Trigger: This jumper allows you to choose whether the solid state relay PGMs are grounded (-), or give out 12V (+).
- ⑭ Refer to AC Power & Backup Battery Connections on page 59.
- ⑮ AWG#14 single conductor solid copper wire
- ⑯ Ground clamp
- ⑰ Cold water pipe grounding
- ⑱ To metallic enclosure
- ⑲ For the keypad's zone configurations, refer to the Installer Quick Menu.
- ⑳ If EOL is enabled: see section [706] option [2]. For the keypad's zone configurations, refer to Installer Quick Menu on page 3. Also refer to Keypad Zone Connections on page 57.
- ㉑ To connect additional wiring to auxiliary power, use the red (+) and black (-) keypad connectors. Auxiliary power will shut down if current exceeds 1.1A. If the auxiliary output is overloaded and is shut down, you must disconnect all loads from the output for at least 10 seconds before reconnecting any load back to the auxiliary output.



The sum of the current drawn from the BELL and AUX must be limited to 1.3A. Exceeding this limit will overload the panel power supply and lead to complete system shutdown.

40VA transformer strongly recommended

This equipment must be installed and maintained by qualified service personnel only.

For UL and C-UL warnings, refer to the UL and C-UL Warnings section at the back of the SP4000 Reference & Installation Manual.

Max. number of keypads = 15 keypads

Max. aux. current = 700 mA

Max. distance of bus module from panel = 76m (250 feet)

Max. total run of wire = 230m (750 feet)

When using an SP6000 panel in conjunction with an RTX3, all K32 and K10V/H keypads must be versions 2.0 or higher.