



LCD5500(Z) – PowerSeries Liquid Crystal Display Keypad

The LC5500 and LCD5500Z incorporate a 32-character (16 characters x 2 lines) display to provide easier operation of the alarm panel. The 'Z' designator in the part number indicates the keypad includes a zone input. All PowerSeries panels support the LCD keypads however, v3.x or higher is required to fully support the Power864 (up to 64 zones and 8 partitions).

Additional features of the LCD keypad include programmable zone labels, partition labels, the ability to view the panel event buffer and thermostat control.

Compatibility (Version Identification):

32 zones, 2 partitions, no keypad zone input support

v1.0 (06000424)
v1.1 (06000491, 06000553, 06000559)

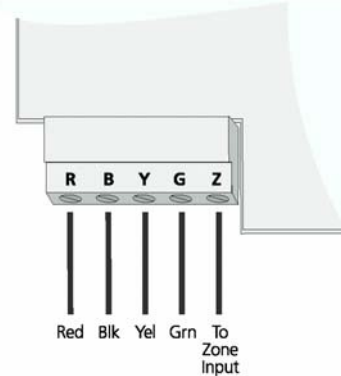
32 zones, 2 partitions with keypad zone input support

v2.0 (06000633)
v2.1 (06000709, 06000728, 06000781)

64 zones, 8 partitions with keypad zone input support

v3.0 (06000xxx)
v3.1 (06000xxx) Added auto-scroll alarms option
v3.11 (06000xxx) ADT PremisePro version (menu programming)
v3.2 (06000xxx)

Wiring:



KEYBUS Connect RED, BLK, YEL and GRN terminals to the KEYBUS terminals on the main control panel.

Z Zone input terminal. Wire detectors across 'Z' and 'B' terminals.

Using Keypad Zones:

The LCD5500Z keypads can be used to provide an additional hardware zone provided the panel is the following version:

PC580 v2.1, v2.3
PC1555(MX) v2.0, v2.1, v2.3
PC5010 v2.0
PC5015 v2.2
PC5020 v3.1, v3.2

1. Assign the keypad to a unique slot (1 to 8) – Section [000], subsection [0].
2. Assign a zone number to the keypad – Section [020].
3. Wire the zone across the 'Z' and 'B' terminals on the keypad. For powered devices, use the 'R' terminal for (+) and the 'B' terminal for (-). The keypad zone uses the same EOL resistor as the zones on the main panel.

As with all zones, the zone must be assigned to a partition and must be defined before it will operate.

Note: Keypad zones can be used to replace zones on the main control panel but cannot be used to replace zones assigned to a hardware zone expander (PC5108 module).

Note: Keypad zones cannot be programmed as fire zones.

Changing Languages:

North America keypads support English and French. Spanish is only available in v1.x keypads).

1. Press and hold both arrow keys (<>).
2. Scroll to the desired language and press [#].

Troubleshooting:

1. The keypad will appear to be non-functional if it is assigned to partition that has not been enabled or if it is programmed for global operation. Press and hold the [#] key for two seconds to put the keypad into 'global' mode, then select partition 1 (called 'System'). The keypad will be temporarily assigned to partition 1 and allow the installer to go into programming. Change the partition assignment – Section [000], subsection [0].
2. If you cannot upload or download the LCD programming, make sure the keypad is assigned to slot #8. Also, downloading will not function if different version keypads are assigned to slot #8.
3. Spanish was removed in North America v2.x keypads to make room to add support for the keypad zone input feature. A dealer requiring Spanish will need to order a special keypad.
4. LCD program sections were changed to 3-digit with the v3.x keypads.