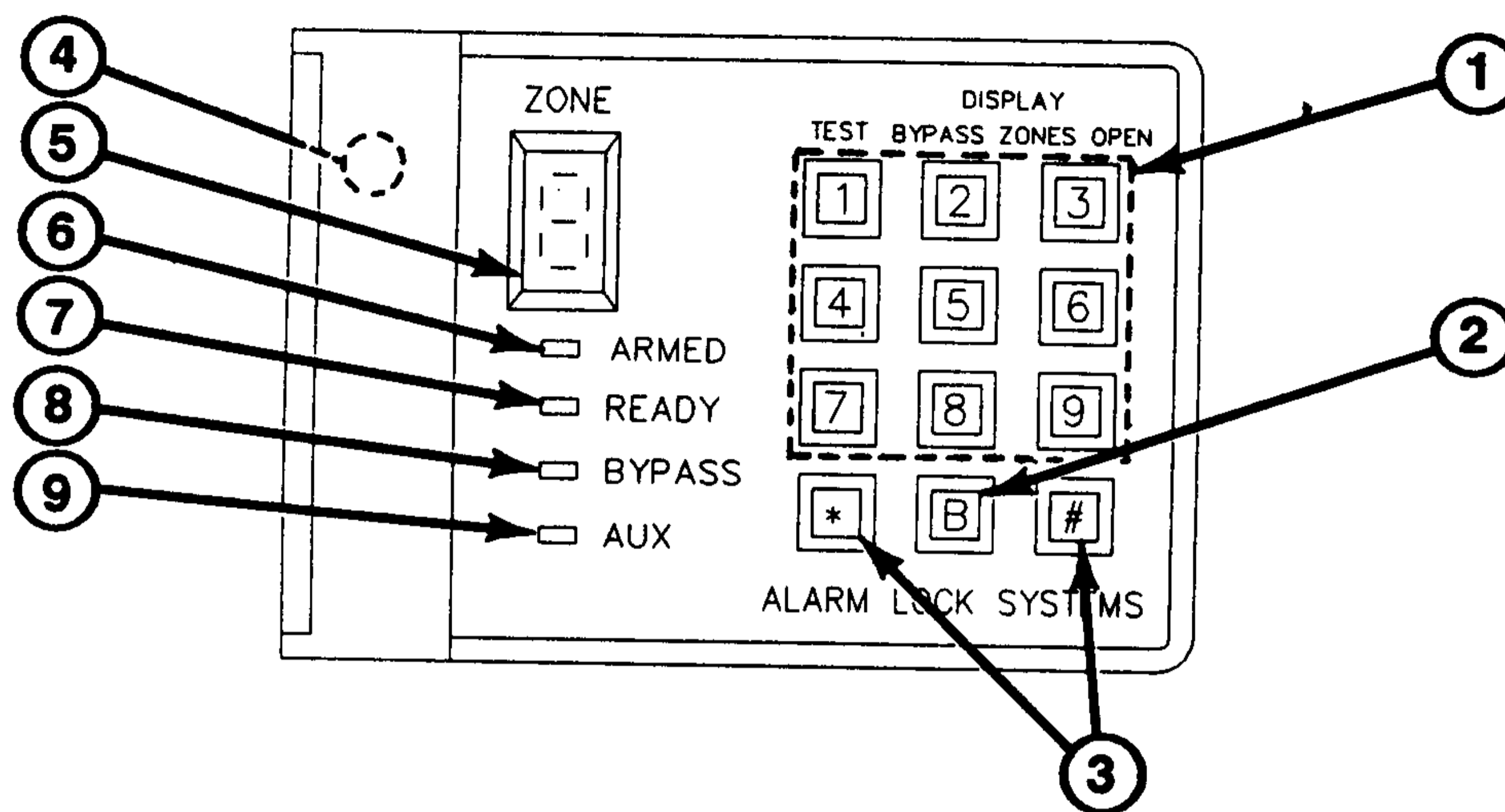


4. EGL8000R CONTROLS & INDICATORS



EGL8000R Keypad

Note: Circled numbers below are keyed to those in the illustration above.

REGULAR FUNCTIONS

① Numerical Keys [1] through [9]. Used to enter Arm/Disarm Code(s) and to select zones to be bypassed. Also have special Hold-Down Functions as described in **HOLD-DOWN FUNCTIONS**.

② Bypass Key [B]. Used to bypass individual zones, or a programmed group when pressed twice in succession. The system may be programmed to turn on the Watch Mode (activate all Day Zones) or the Chime Mode when group bypassing (even if no zones are programmed for group bypassing). Also has a special Hold-Down Function as described in **HOLD-DOWN FUNCTIONS**.

③ Panic Buttons [*] and [#]. Signal an immediate emergency when *both* buttons are pressed *at the same time*.

④ Sounder. Emits an audible tone whenever

- a hold-down function has been accessed;
- an attempt is made to arm the system when a zone is in trouble;
- entry delay is in progress (to remind the user to disarm the panel);
- a Day Zone is in trouble; or
- an alarm or trouble exists on the Aux/Fire Zone.

A tone while disarmed indicates that someone has activated the chime feature.

A momentary beep when arming indicates that a zone is in trouble (does not apply to selective- or group-bypassed zones).

A momentary beep shortly after arming (about 15 seconds to a minute, or so) indicates a central-station ringback if a closing report is programmed.

- ⑤ **Digital Readout.** Displays zone(s) in trouble, zone(s) bypassed or zone(s) violated (Alarm History) when respective hold-down function is accessed. Displays "P" with steady sounder beep) if an attempt is made to arm with a priority condition, or if a Day Zone trouble or ac-failure indication is not reset.
- ⑥ **Top Red Armed LED.** Glows steadily to indicate that the system is armed. A slow flash when armed warns that at least one non-24-Hour Zone was in alarm (display violated zone(s) on readout). A rapid flash indicates that the system is armed with Instant Protection (Hold-Down Function 4).
- ⑦ **Green Ready LED.** Glows steadily to indicate that all zones that are not bypassed are operating properly and the system may be safely armed. A slowly-flashing LED warns that one or more zones is in trouble. (Hold down Key [3] to display troubled zones on the digital readout.) A rapidly-flashing LED signifies a Day-Zone trouble.
- ⑧ **Yellow Bypass LED.** Glows steadily to indicate that one or more zones has been manually bypassed, and that the system is only partially armed. (The bypassed zones are displayed on the digital readout when the Display Bypass hold-down feature, Key [2], is depressed for about 2 seconds.)
- ⑥⑦⑧ All LEDs flashing together indicates an ac power failure. The panel may be armed on standby battery power as follows: (1) Hold down Test Key [1] to test battery operation. (2) if okay, hold down Reset Key [9] until it beeps to reset the flashing LEDs, then (3) enter the Arming Code (otherwise a "P" will appear on the display and the panel will not arm). Note: All LEDs flashing rapidly (with sounder) indicates Program Mode.
- ⑨ **Bottom Red Aux LED.** Flashes to indicate that the Aux/Fire Zone is in trouble; glows steadily to indicate an alarm condition.

HOLD-DOWN FUNCTIONS

In addition to its regular functions, the digital keypad provides a series of dual functions. Note that these functions are accessed by holding down the designated key for about 2 seconds, until a beep is heard from the sounder, and are thus known as "Hold-Down" functions.

Key [1] - TEST. Momentarily sounds the burglar alarm. Instruct the user to make this test weekly.

Key [2] - DISPLAY BYPASS. Displays the zone(s) bypassed on the digital readout. While holding down Key [2], note the number(s) displayed indicating the zone(s) bypassed.

Key [3] - DISPLAY ZONE OPEN. Displays the zone(s) in trouble on the digital readout. While holding down Key [3], note the number(s) displayed indicating the zone(s) in trouble.

Key [4] - Instant Protection. Cancels the entry delay period(s). This feature is utilized to sound an instant alarm on intrusion through the Exit/Entry Zone(s). When selected, the Armed LED will flash rapidly to indicate that the system is armed with instant protection. Entry delay is automatically restored on disarming.

Key [5] - Chime Off/On. The Chime feature is programmable for any zone (1-6). When the zone is opened, the keypad will "chime" while disarmed. To enable the Chime feature, hold down Key [5] until it beeps. The duration of the chime is programmable.

Key [6] - Communicator-Confidence Test. Checks the telephone line for the presence of a dial tone. (This feature is applicable only to those systems programmed to communicate with a central station.)

Key [6] - Manual Download. Key [6] has a secondary hold-down function, used on-site by the installer to manually download data from a remote PC-compatible computer with PCI8000 interface and PCD8000 software. To initiate the data transfer, arm the panel, disarm, then hold down Key [6] for about 5 seconds (line-seize disconnect will occur and the Telco LED will come on).

Note: The installer must be in contact with the computer operator, as a different procedure is initiated at the computer end.

Key [7] - Fault Find. Sets all zones for the fastest loop response (7mS) while disarmed; also, causes the sounder to beep for 2 seconds when a zone in trouble is cleared. This feature aids the installer in locating "swingers" and assists the user in repairing zone troubles. Normal operation is restored by holding down Reset Key [9].

Key [8] - Program. Hold down to gain access to the Dealer Program Mode (see Dealer Keypad Programming) or User Program Mode (see Programming User Codes).

Key [9] - Reset. Functions as a general-purpose reset to:

- reset Aux/Fire Zone alarm/trouble indication;
- reset Ac-Failure indication (top three LEDs flashing);
- reset output-relay devices;
- reset the Fault-Find mode;
- bypass a troubled zone designated as a Priority-with-Bypass Zone. See Priority Zone With Bypass in the glossary.

Key [B] - Alarm History. This will display (on the digital readout) all alarm conditions that have occurred. While holding down Key [B], note the number(s) displayed indicating the zone(s) violated. After the system is rearmed, the previous alarm history will remain memorized unless automatically erased by a new alarm.

PROGRAMMING FUNCTIONS

The following keypad functions are active only in the Dealer Program Mode. Refer to Section 3: **PROGRAMMING** for details.

Key [1] - Prior Location. Sequences right to left to select the location within the program block.

Key [2] - Next Location. Sequences left to right to select the location within the program block.

Key [4] - Data Up. Selects the data for the chosen location: numbers 1-9, 0, and letters b, C, d, E and F, in ascending order.

Key [5] - Clear. Clears the data from the selected location.

Key [7] - Data Down. Selects the data for the chosen location: numbers 1-9, 0, and letters b, C, d, E and F, in descending order.

Key [8] - Exit. All LEDs will light. Enter Dealer Program Code within 10 seconds to verify code and exit.

Key [9] - Change. Provides a quick change to the next program block ("C" will be displayed). To complete the change, press Key [2]. To cancel, press Key [9] again (returns to existing block).

Key [B] - Set/0. Allows address to be accessed. Also used as the digit zero in an address.