

## REMOTE KEYPAD PLO84 INSTALLATION & OPERATING INSTRUCTIONS

### INTRODUCTION

The PLO84 remote keypad is an electronic switching device which can be fitted as an accessory for the OMNICON 8000 security control panel and has been designed to fit into a single gang backpattress (not supplied), which can be either flush or surface mounted.

The remote keypad can be wired using a 4 core cable (if the tamper circuit is not required), or wired with 6 core cable if a tamper circuit is required between the main control panel and the remote keypad. The unit has been designed simply to arm, dis-arm and part arm the system. It is not possible to change the systems programs using the remote keypad.

The remote keypad is supplied with an attractive white finishing plate to blend in with existing surroundings the remote keypad is also back illuminated to facilitate ease of use during evening time or when fitted in dark areas.

### INSTALLATION

We recommend that before beginning the installation work these instructions are read carefully.

**NOTE: DO NOT USE METAL PATTRESS.**

Position the remote keypad at a height that allows ease of use. The same height of a light switch would be suitable. run a 4 or 6 core cable from the main control panel to the remote keypad, taking care not to run the cable adjacent

### AT THE CONTROL PANEL

to mains (240volt) cable, feed the cable into the pattress and then secure the pattress to the wall.

**NOTE:** The mains power supply must always be switched off before removing the control panel front cover.

1. Press programme function, all LED's will illuminate.
2. Enter the current engineers code. The CLEAR & P.A LED's will be flashing.
3. Disconnect the mains power to the control panel.
4. Remove the two retaining screws from the front cover and remove the control panel cover.
5. Clip the tamper spring on the main p.c.b under the hook provided on the keypad. If a 12 volt stand-by battery has been installed it is advisable to disconnect the battery to avoid blowing one of the three protection fuses.

With the PLO84 remote keypad you will receive a small two terminal driver board, this unit has to be connected in series with the internal speaker which is situated in the control panel.

To install the driver board simply remove the brown cable in terminal 13 on the control panel p.c.b and connect it to one of the terminals on the driver board, from the spare terminal on the driver board connect a short length of cable back to terminal 13 on the main p.c.b. (see fig 1).

Up-to ten remote keypads can be fitted to the system. However only one driver board is required.

### CABLE CONNECTIONS FOR THE REMOTE KEYPAD AND THE CONTROL PANEL:-

Connect cables to remote keypad and control panel, (see fig 1).

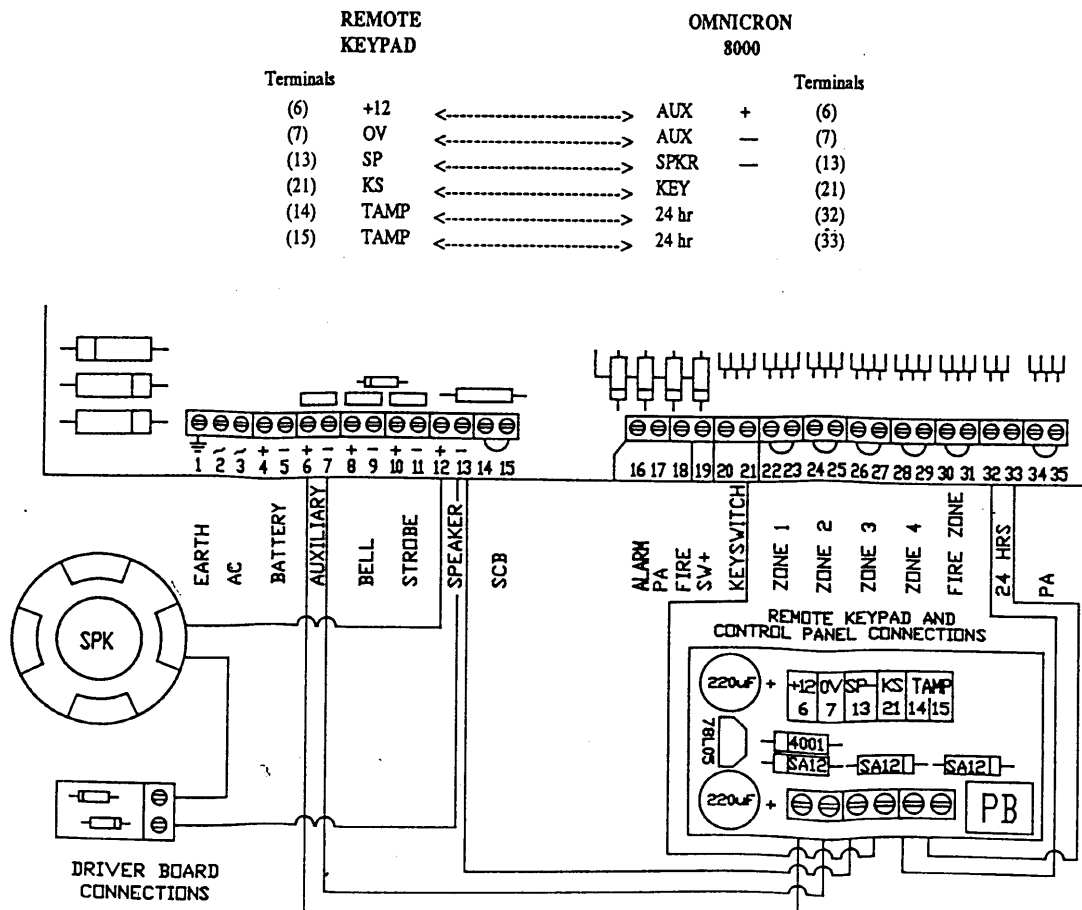
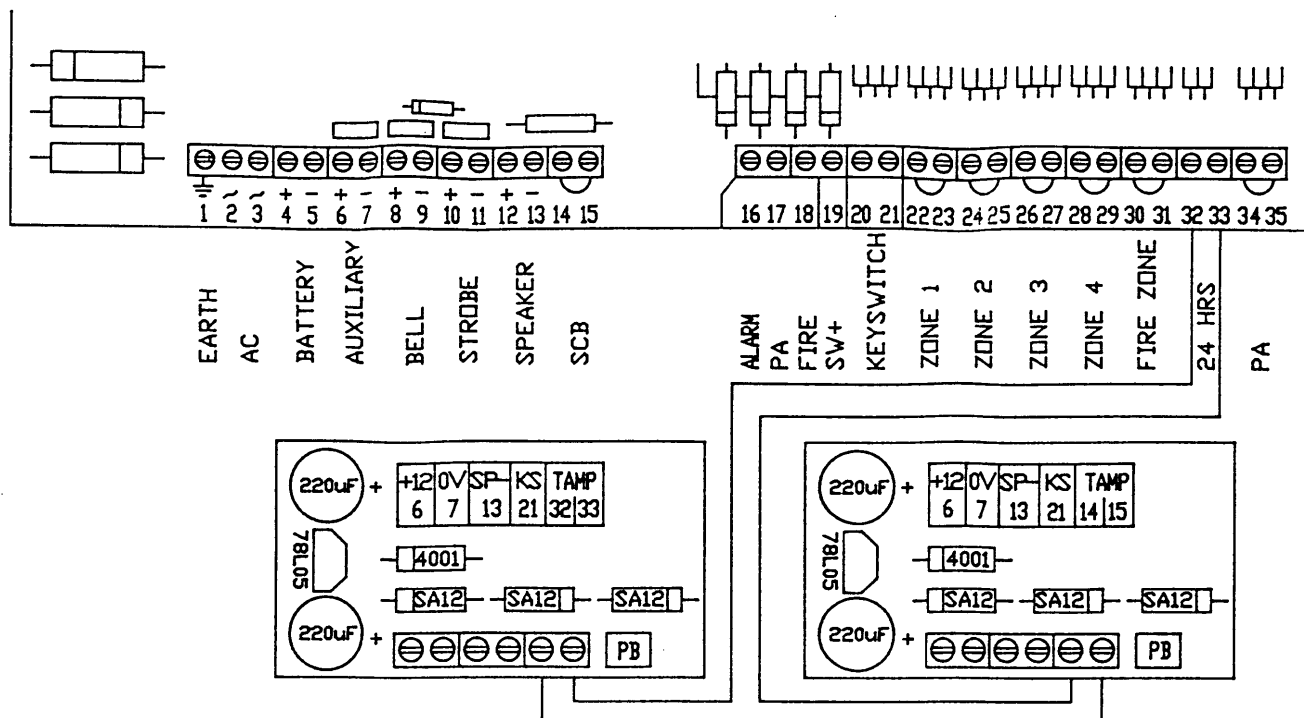


FIG. 1

If more than one remote keypad is required then wire as shown in Fig. 1 (in parallel) with the exception of the TAMPER circuit which must be wired in series with other devices connected to the 24hr circuit terminals 32 & 33). (see fig 2).



SERIES WIRING EXAMPLE

FIG. 2

Connect the cables to the remote keypad and secure the unit to the housing ensuring that the tamper spring is depressed.

Unhook the tamper spring from the keypad clip on the control panel, re-connect the 12volt battery (if fitted) and replace the control panel cover, securing the cover with the two retaining screws. Re-apply the mains supply. The OMNICON 8000 has a non volatile memory, therefore when the panel is re-activated you will still be in the engineering mode. Press RESET TWICE to return the panel to standby mode.

### OPERATING THE REMOTE KEYPAD

On initial power-up the remote keypad user code will be set at zero (0), and an audible bleep will be heard at the remote keypad. An audible bleep will also be heard at the remote keypad whenever a key is pressed at the main control panel or the remote unit.

### CHANGING THE REMOTE KEYPAD USER CODE

The user code for the remote keypad can be a different code to that which is used on the main control panel.

TO ALTER THE REMOTE KEYPAD USER CODE.

1. Enter the old remote user code, (factory preset at 0).
2. Press P and enter your new remote user code (upto a maximum of 12 digits maybe used).
3. Press P again. Your new remote user code is now stored in the memory.

### EXAMPLE OF CHANGING THE USER CODE ON THE REMOTE KEYPAD.

- Step 1 ..... Press O
- Step 2 ..... Press P
- Step 3 ..... Enter new code i.e 2.6.0.9 or (1.9.7.5.8.2).
- Step 4 ..... Press P again. New code accepted.

### ARMING THE SYSTEM USING THE REMOTE KEYPAD

Enter your remote keypad user code. Press E. Allow two seconds delay before the exit tone is heard.

If a zone is open during the exit procedure a different tone will sound. The system will not arm until the zone is cleared, (the open zone will be indicated at the main control panel). Check the property to locate the open zone, rectify and return to the remote keypad.

Re-enter your remote keypad user code. Press E. You can now leave the premises via the designated exit route.

### DISARMING THE SYSTEM USING THE REMOTE KEYPAD

Enter your remote keypad user code and then Press E.

## PART ARMING THE SYSTEM USING THE REMOTE KEYPAD

(If the part arm facility is not required proceed to the conclusion).

This is a useful feature for night time settings when movement is essential in certain parts of the property.

To part arm the system via the remote keypad, you will need to select this facility at the control panel.

### REMOTE KEYPAD SET-UP AT THE CONTROL PANEL

1. Press programme function, all LED's will illuminate.
2. Enter engineer code, CLEAR & P.A LED's Flashing.
3. Press 9, (if the system has been previously programmed for facilities in this section the LED's between 1 - 4 will be illuminated).
4. Press 5, zone 5 illuminated.
5. Press programme function to store selection. Selection will be confirmed by an acceptance bleep.
6. Press RESET TWICE to return to standby.
7. To remove the part arm facility for the remote keypad, repeat steps 1 - 6.

### TO OMIT A ZONE(S) AT THE CONTROL PANEL

1. Press RESET.
2. Enter panel user code - CLEAR LED will illuminate.
3. To omit zones not required, Press zone omit.
4. Enter the number(s) of zone(s) required to be omitted. The omitted zone light(s) will be illuminated.
5. Press zone omit, The selected zone(s) will be stored in the memory.
6. Press RESET to return to day mode.
7. To restore previously omitted zone (s) repeat steps 1 - 5. Enter the zone number(s) again, zone LED will be extinguished.

## PART ARM SETTING USING THE REMOTE KEYPAD

Enter your remote keypad user code and Press E; Pause for one second and then Press E again.

To unset system enter your remote keypad user code and Press E..

In the event of an alarm activation the system can only be switched off at the main control panel and not at the remote keypad.

## CONCLUSION

When you are satisfied that the system is working satisfactorily replace the white finishing cover over the remote keypad and secure with the small retaining screw provided.

IN THE EVENT OF A LOST OR FORGOTTEN USER CODE FOR THE REMOTE KEYPAD:

### AT THE CONTROL PANEL

1. Press programme function, all LED's will illuminate, enter engineer code.
2. Remove the remote keypad from pattress.
3. Using a small screw driver, short across the re-set pins on the back of the p.c.b (see fig 3). This will return the remote keypad back to (O).
4. Secure the remote keypad into the pattress.
5. Press RESET TWICE AT THE MAIN CONTROL PANEL to return to standby mode.

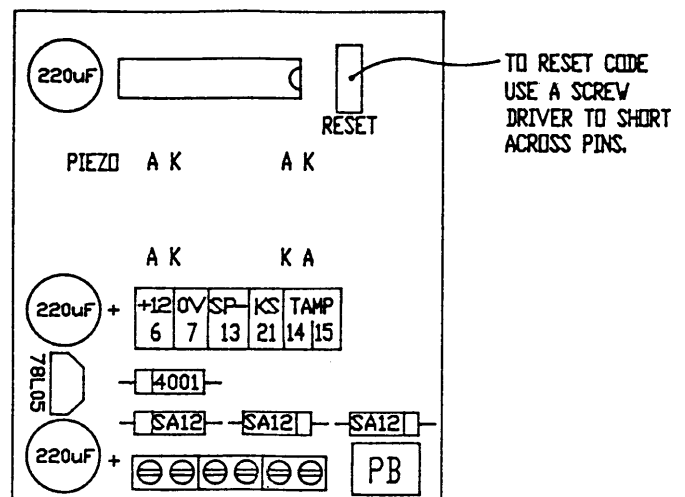


FIG. 3

To re-program the remote keypad refer to CHANGING THE USER CODE at the remote keypad.

Alternatively, remove all power from the keypad by removing the cable connection from either terminals 6 or 7 at the remote keypad, then re-connect terminal 6 or 7 and re-program the remote keypad referring to the USER CODE SECTION in these instructions.

## **REMOTE KEYPAD TAMPER PROTECTION**

The remote keypad incorporates a audible indication to alert the user if the keypad is tampered with.

1. If the remote keypad is removed from the pattress housing and the tamper circuit is used, the system will activate.
2. If an incorrect code is entered into the remote keypad, (in either standby mode or an active mode), after the third attempt the remote keypad will bleep for approximately sixty seconds then silence.

**Should you experience any difficulties in installing the remote keypad or programming the system, technical assistance is available on our telephone helpline between 8.30 am to 5.00 pm Monday to Friday.**

**051.489.0166**