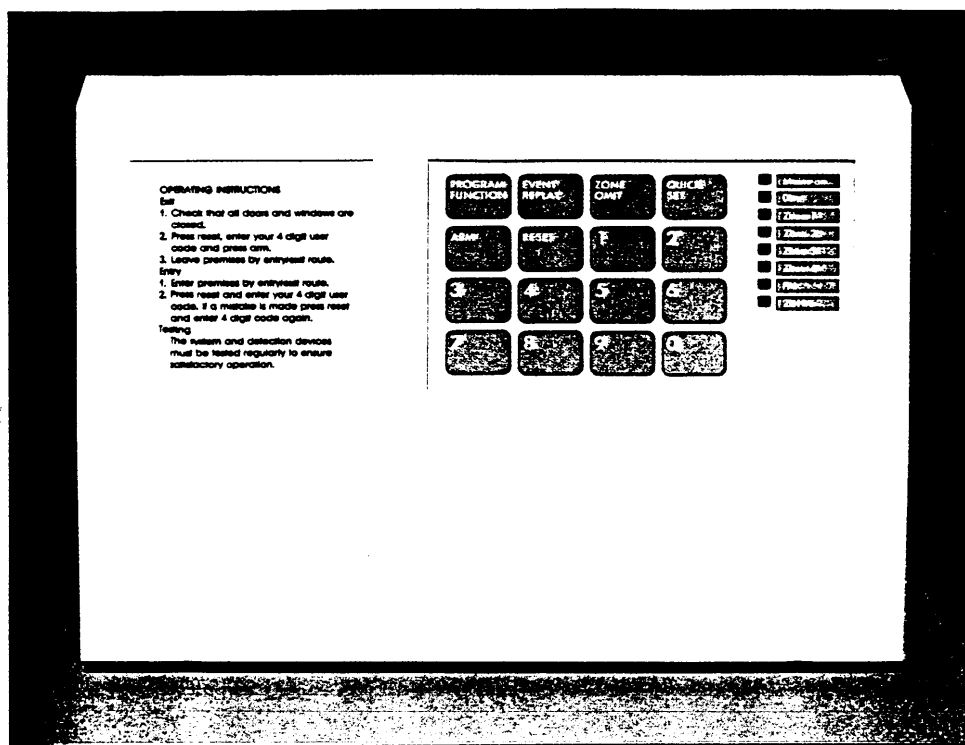


OMNICRON™ 7000

108-834



- Dual Control
- Entry/Exit Zone
- 3 Detection Zones
- P.A. Circuit
- 24 hour Circuit
- SCB Tamper Circuit
- Fully Programmable

The Omnicron 7000 is the perfect control panel for all domestic and small commercial installations. The attractive appearance, easy to use keypad and many desirable facilities make the Omnicron 7000 a winner with both users and installers alike.

FACILITIES

- Keypad operation and audible indication.
- LED Display showing all zones including P.A.
- Variable entry/exit tone, giving the last 10 second speed up warning of alarm activation.
- Final exit facility or timed exit with 'quick set' feature.
- Walk Test
- Last 4 event memory replay.
- Tampered panel housing.
- Alarm if incorrect code entered after four attempts.
- All zones can be isolated via keypad except P.A.
- Isolated zones indicated by flashing LED.
- Unit will accept 2.6 A/HR battery.

PROGRAMMABLE FACILITIES

- Omit zone – Any zone can be omitted.
- Zone Omit – information stored for future night setting
- Prevent Omit – Engineer can prevent the user omitting a zone
- Intermediate zone – Any zone can be designated as intermediate.
- Auto reset – Re-arming of all cleared zones.
- User or Engineer Reset.
- 'Chime' indication of zone activation (when disarmed).
- Both internal and external sounder with adjustable durations.
- Entry/Exit time delays.

KEYSWITCH

A neat remote keyswitch in Polycarbonate enables the Omnicron 7000 panel to be armed and disarmed from a separate site. Incorporation into the system allows the Omnicron 7000 control panel to be key activated whilst retaining all of the desirable programming features of a keypad panel.

SPECIFICATION

DIMENSIONS: Height 214mm – Width 298mm x 80mm

CONSTRUCTION: Polycarbonate

OUTPUTS: Internal speaker. External sounder. Latching strobe. Positive set for latching PIR's. Auxiliary 12v supply. Total Power Supply 1 amp.



**SECURITY &
ELECTRICAL LTD**

First For Security

16 BRICKFIELDS, HUYTON, MERSEYSIDE L36 6HY.
TELEPHONE: 051-480 4455 • FAX: 051-480 3847

DUAL CONTROL 4 ZONE SECURITY PANEL

KEYPAD -- KEYSWITCH

USER OPERATING INSTRUCTIONS

ARMING THE SYSTEM

1. Press RESET
2. Insert your User Code (4 digit).
3. Ensure all zone circuits are correctly armed. An illuminated zone LED would indicate an open door or similar problem.
4. If all zone indicator LEDs extinguish, press "ARM". An Exit tone will sound and will change in tempo to indicate that the unit will be armed in a further 10 seconds. Leave promptly by the approved route. The system will become active (armed) consistent with the time previously selected for Exit.

DISARMING THE SYSTEM

1. Enter through the approved route. An entry tone will sound and will change in tempo indicating there is 10 seconds left to disarm.
2. Press the RESET key on the control unit and enter the User Code. The system has now reverted to the day mode, which is confirmed by the illumination of the "DAY" LED.
3. If the alarm has been activated since your departure, the zone in which the intrusion occurred will be displayed. To return to "DAY" mode press "RESET".

NIGHT TIME SECURITY ARMING THE SYSTEM WHEN ON THE PREMISES

1. Insert user code ("DAY" LED will be extinguished). Any active zone will flash and an alternating tone will be heard.
2. To omit zones not required press "ZONE OMIT" followed by the number of the zone or zones. The selected zones will be illuminated.
3. Press "ARM" and the exit tone will be heard. At this point the "QUICK SET" may be pressed to reduce the exit delay time to 5 seconds, provided no sensing devices have to be passed.

DISARMING THE SYSTEM WHEN IN PREMISES

1. Make way by planned route to control panel.
2. Press "RESET" and enter user code. The system should now be in Day mode which will be signified by the illumination of the "DAY" LED.

N.B. If a full alarm condition exists the system can be silenced only by the entry of "RESET" followed by the correct user code. Also the system will activate to the full alarm condition after 4 incorrect near codes have been entered.

HISTORICAL INFORMATION

If an alarm condition has occurred, upon entering the 4 digit code the 1st activated zone will be displayed. Press "EVENT REPLAY" and the next zone activated will be shown with each press of the "EVENT REPLAY" key.

If RESET has been pressed it will be necessary to create another alarm condition then enter 4 digit user code.

KEYSWITCH UNIT

To arm with remote keyswitches turn to ON and then back to OFF immediately, and remove key.

To disarm with keyswitch the same procedure as above.

KEYSWITCH

Keyswitch arming and disarming can be used in conjunction with the keypad, when used it will provide the features already programmed.

Alternatively, the Keyswitch can be programmed as a Quick Set, mimicking the "QUICK SET" button on the keypad.

PROGRAMMING THE USER FUNCTIONS

1. Press "PROGRAMME FUNCTION" all LEDs should illuminate. Insert user code (1234). The "DAY" LED should now flash, indicating the unit is in user programming mode.

USER SECURITY CODE

Repeat 1, if "DAY" LED is not flashing.

To maintain security, the user should choose his / her own user code, as follows:-

Press 1 on the keypad. The LEDs of zone 1, 2, 3, and 4, will now be illuminated. Enter the 4 digit number you have selected. As the final number is entered all LEDs will be extinguished and two acceptance beeps will be heard. The "DAY" LED will be flashing, indicating that the new number has been accepted.

If further user programming is not required press RESET.

CHIME FACILITY ON ZONES

Repeat 1, if "DAY" LED is not flashing.

Any zone may be selected or removed as a "CHIME" Zone, as follows:-

Press 2 on the keypad, then enter the appropriate Zone number. Press "PROGRAMME FUNCTION" once to store the required Zones, and the "DAY" LED should now be flashing. Two beeps will be heard. To remove the Zone

(or Zones) if "DAY" LED is flashing, press 2 on the keypad and the Zone to be removed will be lit. Press that Zone number and the LED will be extinguished. Press "PROGRAMME FUNCTION" to store the information and the "DAY" LED will now be flashing.

If further user programming is not required press RESET and the "DAY" LED will be on continuously.

ALARM TEST FUNCTION

Repeat 1, if "DAY" LED is not flashing.

Press 3, "DAY" LED will stop flashing.

Press 1, siren will be activated, Press 1 to deactivate.

Press 2, strobe will be activated, Press 2 to deactivate.

Press RESET the "DAY" LED should be flashing.

If further user programming is not required press RESET the "DAY" LED should be on.

ZONE OMIT FACILITY ON KEYSWITCH

It is possible to operate the full zone omit facility on operation of the keyswitch by carrying out a pre-selection using the keypad.

Select zone omit in the normal manner, then arm.

Disarm by keypad or switch. Operation of the keyswitch will omit the pre-selected zones.

To remove this facility, disarm by keyswitch or keypad, and:

Press RESET and enter user code (to extinguish "DAY" mode LED).

Press RESET again. "DAY" LED will light and unit has returned to normal.

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DUAL CONTROL 4 ZONE SECURITY PANEL

KEYPAD -- KEYSWITCH

ENGINEER PROGRAMMING INSTRUCTIONS

To obtain Engineer Programming Mode, press "PROGRAMME FUNCTION" (all LEDs illuminated). Insert the factory selected Engineer Code (9999). The "DAY" and "24 HOUR" LEDs will now be flashing, which indicates you are now in Engineer Programming Mode.

SELECT ENGINEER CODE

Press 1 on the keypad. The LEDs of the 4 zones will now be illuminated. Enter your selected new 4 digit code (1 LED will extinguish for each digit entered). Two beeps will be heard after the last entry indicating it has been accepted.

If further engineer programming is not required press RESET.

EXIT TIME

The exit time may be altered as follows:-

Press 2. Zone 1 and 2 LEDs will illuminate. Enter the number of seconds required (eg. 10 = 10 seconds) an LED will be extinguished for each digit entered. Two beeps will be heard after the last entry and the "DAY" and "24 HOUR" LED will be flashing. Minimum exit time is 3 seconds.

If further engineer programming is not required press RESET.

ENTRY TIME

The time allowed to reach the control panel to disarm after entering the premises by the planned route may be varied in a similar way to the exit time by pressing 3 on the keypad instead of 2. Minimum entry time is 1 second.

BELL DURATION

The control panel is factory adjusted to sound the alarm for 20 minutes, after which time the alarm will be silenced (internal and external sounders) and the control unit will rearm all cleared zones. This time cycle may be altered as follows:-

Press 4 and the LEDs of zones 1 and 3 will be illuminated. Enter the number of minutes required (eg. 10 = 10 minutes) and an LED will be extinguished for each digit entered. Two beeps will be heard after the 2nd digit. The "DAY" and "24 HOUR" LEDs should be flashing. Minimum bell duration is 2 minutes.

If further engineer programming is not required press RESET.

SELECT EXIT ZONE

The control panel has Zone 1 factory set as Entry/Exit zone. This can be varied or increased to encompass more than one zone, as follows:-

Press 5 and the zone 1 LED will be lit. (This indicates zone 1 as the Entry/Exit zone).

Press 7, press 2, zone 2 LED will illuminate. Press "PROGRAMME FUNCTION" to store.

PREVENT OMIT

There is a facility to the user which allows the omission of zones. There may be occasion when those is authority wish to restrict the use of this facility.

It is possible for this to be carried out in the Engineer Mode as follows:-

Press 6 on the keypad and the appropriate number for the zones you want to prevent being omitted. Press "PROGRAMME FUNCTION" to store the information. Two beeps will be heard. The "DAY" and "24 HOUR" will be flashing.

If further engineer programming is not required press RESET.

WALK THROUGH ZONES

Any zone, or zones, other than the Entry/Exit zone, may be designated as walk through zones.

A walk through zone may only be entered if the entry zone has already been operated. If not, the alarm will sound (no zones are previously factory set as walk through).

Press 8 on the keypad to add or remove a walk through zone. Press the appropriate zone key number, when the zone LED is lit it indicates the zone is now a walk through zone.

To remove a zone press "8" then that zone number LED will be extinguished. Press "PROGRAMME FUNCTION" to store. Two beeps will be heard. The "DAY" and "24 HOUR" LEDs will be flashing.

If further engineer programming is not required press RESET.

SYSTEM RESET

The control unit may be returned to its Factory Set Condition as follows:-

Press "0". All programmed functions will now be lost and set to the preset Factory Condition.

N.B. The next key pressed will not beep, but the instruction will be accepted.

ENGINEER RESET ONLY

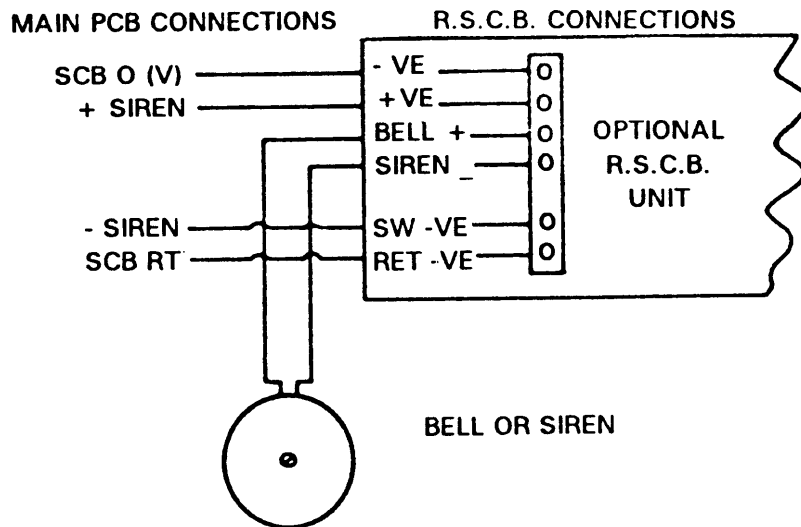
The panel is factory set so that the user can reset an alarm condition (Zone 4 LED off). To programme engineer reset only so the user cannot cancel strobe or rearm, as follows:-

Press 7, press 4, zone 4 LED will illuminate. Press "PROGRAMME FUNCTION" to store.

To restore to normal user operation press "PROGRAMME FUNCTION" then Engineer Code (9999). Press "RESET".

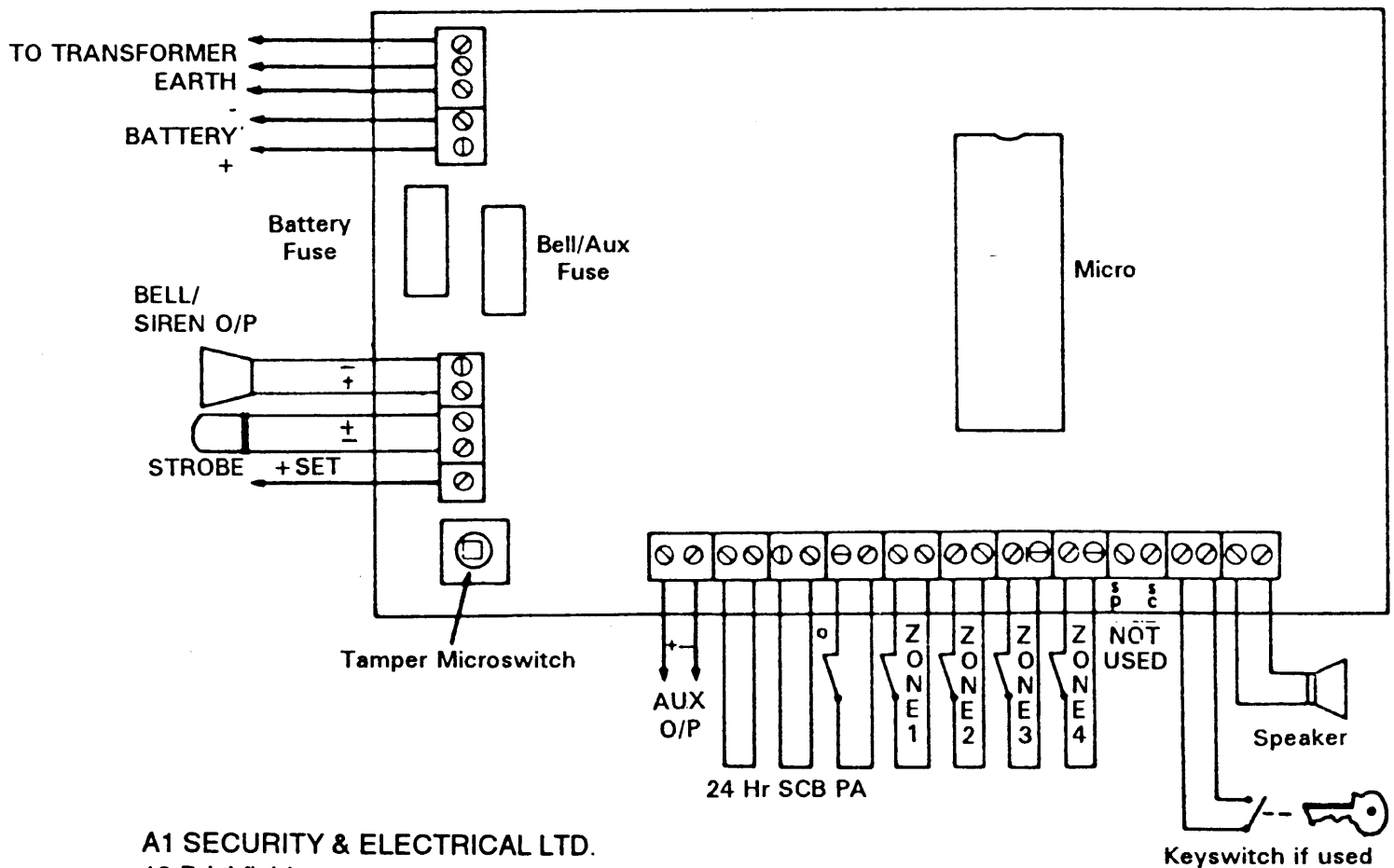
Panel will now be able to be armed by user.

DIAGRAM SHOWING CONNECTION OF R.S.C.B.



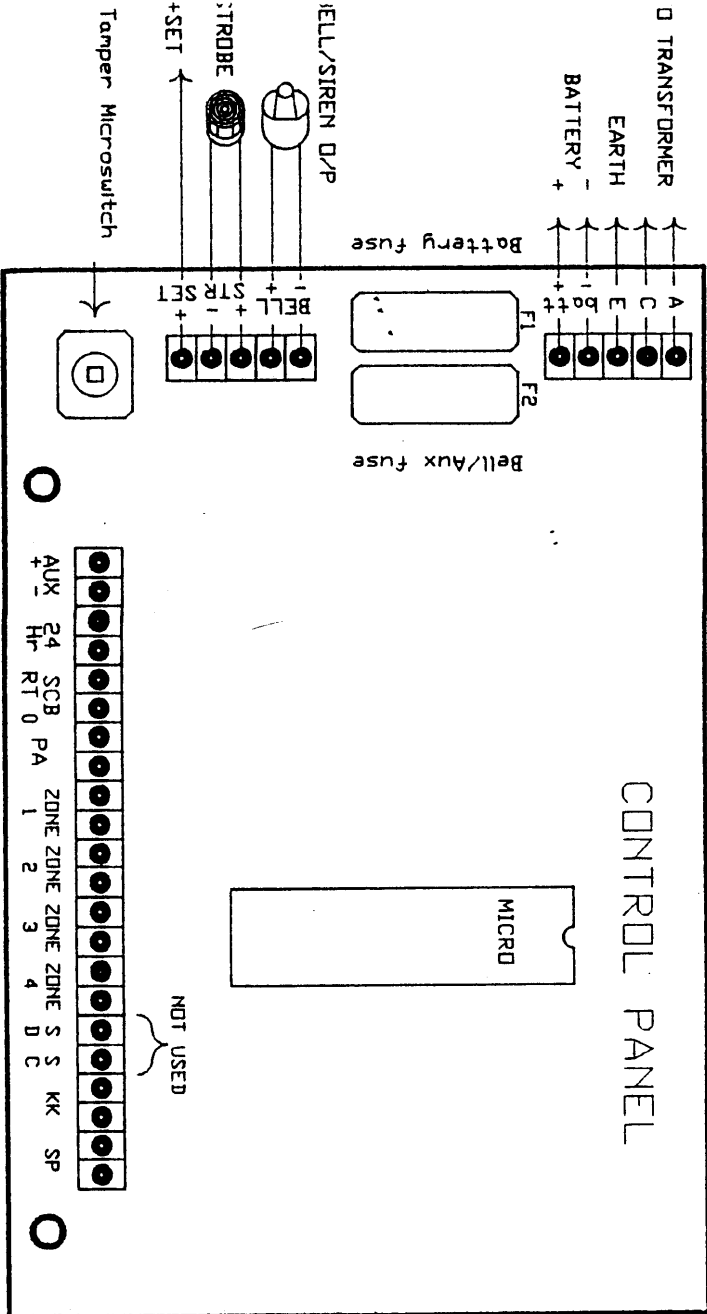
**PLEASE NOTE! ON INITIAL 'POWER UP'
THIS PANEL WILL BE IN ALARM MODE
PRESS 'RESET' AND ENTER FACTORY CODE
(1234) TO DISARM**

PCB LAYOUT



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PLEASE NOTE ! ON INITIAL 'POWER UP' THIS PANEL WILL BE IN ALARM MODE. PRESS 'RESET' AND ENTER USER CODE (1,2,3,4) TO DISARM.



NOTE IF MORE THAN ONE DETECTOR IS WIRED TO THE SAME ZONE THEY MUST BE WIRED IN SERIES. THE PIR POWER SUPPLY MUST CONTINUE TO BE WIRED IN PARALLEL.

The above instructions are correct for most popular detectors and r.s.c.b.s however we advise that you follow manufacturers instructions if provided.

ABBREVIATIONS

- P.A. - PERSONAL ATTACK CIRCUIT
- 24Hr - TAMPER CIRCUIT
- AUX - AUXILIARY POWER SUPPLY
- SCB - RSCB TERMINALS
- RT - RETURN
- KK - REMOTE KEYSWITCH TERMINALS
- +SET - FOR LATCHING P.I.R.s

INSTALLATION HELPLINE
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