EXPANDABLE MULTIFUNCTION CONTROL PANEL

academy **40** quaranta / equaranta CE

● USER MANUAL

ISO 9001 REGISTERED COMPANY — NQA — UKAS QUALITY MANAGEMENT

BENTEL SECURITY ®

This Control Panel can be programmed via the **Omnia-Academy40** 4.0 Software Application or successive release.

Where features and programming procedures apply to Academy40 and Academy40/S the product will be referred to as the Panel.

Where features and programming procedures apply to one of the appliances in particular the product name will be specified.

Hereby, Bentel Security,

declares that the above mentioned ACADEMY40-40/S is in compliance with the essential

requirements and other relevant provisions of Directive **1999/5/EC**.

The complete R&TTE Declaration of Conformity for each Panel can be found at **www.bentelsecurity.com/dc.html**.

This control panel complies with **CEI 79-2 2a Ed.1993**.

Installation of these systems must be carried out strictly in accordance with the instructions described in this manual, and in compliance with the local laws and bylaws in force.

The above mentioned ACADEMY40-40/S has been designed and made to the highest standards of quality and performance.

The manufacturer recommends that the installed system should be completely tested at least once a month.

BENTEL SECURITY srl shall not be responsible for damage arising from improper installation or maintenance by unauthorized personnel.

BENTEL SECURITY srl reserves the right to change the technical specifications of this product without prior notice.

a)

b)

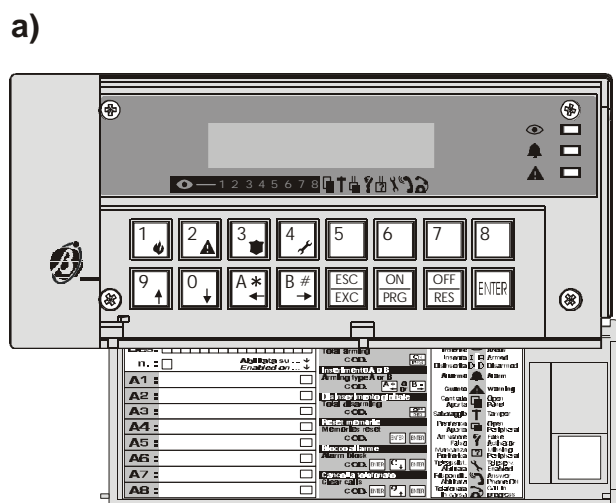**Figure 1**   *OmniaTAST-R (a) and MIA-S (b)*

Expandable multifunction control panel   **Academy40**

This section describes **OmniaTAST-R** and **MIA-S** keypads. All basic security system options, and the Advanced options provided by this Panel can be programmed and controlled from the keypads.

This Control panel supports up to 8 keypads (see Figure 1a for **OmniaTAST-R** and Figure 1b for **MIA-S**).

The instructions for use are common to both keypads (if not otherwise stated), therefore, only the **OmniaTAST-R** keypad will be mentioned and illustrated.
The following chart shows the **OmniaTAST-R** keys, and the corresponding keys on the **MIA-S** keypad.

OmniaTAST-R	1 ♦	2 ▲	3 ▮	4 ⚒	5	6	7	8	9 ↑	0 ↓	A* ←	B# →	ESC EXC	ON PRG	OFF RES	ENTER
MIA-S	1	2abc	3def	4ghi	5jkl	6mno	7pqrs	8tuv	9wxyz	0	◄A	►B	ESC	ON	OFF	↵
MIA-S Superkeys	1 or ♦♦	2abc or ▲▲	3def or ▮▮	4ghi	5jkl	6mno	7pqrs	8tuv	9wxyz	0						
MIA-S scroll keys									9wxyz or ▲C	0 or ▼D	◄A	►B				

OmniaTAST-R and **MIA-S** keys 1♦, 2▲ and 3▮ will assume Superkey status (if duly programmed by the Installer), when they are pressed for 3 seconds. The special functions can also be provided instantly on the **MIA-S** keypad, by pressing simultaneously keys ♦♦, ▲▲ or ▮▮.

Use **MIA-S** keys 9wxyz and ▲C to scroll up; 0 and ▼D to scroll down; and keys ◄A and ►B to scroll across.

Brightness, Contrast and Volume (MIA-S only)

The brightness, contrast and buzzer volume of the **MIA-S** keypad can be adjusted during standby status **only**.

Brightness Use keys ◄A and ►B to adjust the display brightness:

➢ press ◄A to increase brightness;

➢ press ►B to decrease brightness.

Contrast Use keys ▲C and ▼D to adjust the display contrast:

➢ press ▲C to increase the contrast;

➢ press ▼D to decrease the contrast.

Volume
Use the ESC key to adjust the buzzer volume:

➢ the three volume levels will be identified by different beeps:

-- short low beep = Mute

-- medium beep = Low Volume

-- long high beep = High Volume

The Panel status can be viewed on the display, and on the three keypad LEDs (ICONS), as follows:

ICON	MEANING
⊙	OFF: all keypad partitions disarmed **ON:** at least one keypad partition armed
🔔	OFF: Standby status (no alarm) **ON:** alarm on one or more zones **Slow flashing:** tamper on one or more zones or on the Panel **Fast flashing:** alarm or tamper on one or more zones or on the Panel
⚠	OFF: No trouble **ON**: Trouble **Slow flashing:** at least one zone in Test status **Fast flashing:** at least one zone in Test status and one in Trouble status
☷	Not available with this system

+ Keypads can signal **Zone alarm** and **Tamper** only on the zones that are assigned to their partitions.

+ Open Panel, Unbalanced Tamper line, Tamper on BPI devices and False key at Reader will generate Tamper warnings on the LEDs.

Display During standby status the top row will show the date and time (as per the programmed format), and the bottom row will show the system status, for example:

18:22 2001/12/23
AADDDD-- x

Automatic In the event of Zone alarm or Tamper (🔔 LED ON or flashing), the top row on the display will show the zone de-
viewing of zones scriptions in sequential order, and the bottom row will provides information regarding the system status.
in Alarm

Characters and
meanings

CHARACTER	MEANING
D	The corresponding partition is disarmed. The **D** will blink when a partition alarm has been logged.
A	The corresponding partition is armed. The **A** will blink when a partition alarm has been logged.
–	The corresponding partition is not a keypad partition.

The bottom row will provide **Trouble** warnings. The icons below the display will indicate the type of trouble.

An **X** above an icon means the coresponding status is active.

Icons and
meanings

ICON	MEANING
▯	Open Panel
✝	Tamper line violation
⊟	BPI device tamper
⚷	False digital key at Reader
⊟?	BPI bus device Trouble

The status of the Teleservice and Answer machine options will be shown to the right of the trouble warning.

An Q above an icon means the corresponding option is enabled.

Icons and
meanings

ICON	MEANING
⚒	Teleservice enabled
℩	Answering machine option enabled

The last icon indicates the telephone line status.

T above the icon means the Panel has engaged the telephone line.

ICON	MEANING
☎	Telephone line engaged

Basic options

Five basic options are available from standby status.

Enter a User code PIN (4 to 6 digits) then press the relevant key.

KEY SEQUENCE	OPTION
<PIN> ⌷ON/PRG⌷	Global arming
<PIN> ⌷OFF/RES⌷	Global disarming
<PIN> ⌷A✳/←⌷	Type A arming
<PIN> ⌷B#/→⌷	Type B arming
<PIN> ⌷ENTER⌷	User menu access
⌷ENTER⌷	View Trouble

All options----except View Trouble----require a User code PIN.

+ The selected option will affect the partitions of the User code PIN and keypad in use.

+ Request Denied (Empty request) will be signalled by an error beep, and the following message:

```
  ATTENTION!
NOT ENAB.FUNCT.
```

Empty requests may be due to either the User code or keypad.
For example, when the User code is enabled for **Global arming** on a specific group of partitions that are not the keypad partitions.

■ **Global arming request**   <PIN> + ⌷ON/PRG⌷

This request will arm all the partitions of the User code and keypad in use.

■ **Global disarming request**   <PIN> + ⌷OFF/RES⌷

This request will disarm all the partitions of the User code and keypad in use.

■ **Type A or B arming request**   <PIN> + ⌷A✳/←⌷ or ⌷B#/→⌷

This request will arm or disarm specific partitions----as per programming.

Each User code can be programmed with **Type A** and **Type B** arming configurations. These configurations will determine the User code partitions that will arm or disarm.

For example: a **Type A** configuration may be:
Partitions 1, 4, 5 to arm
Partitions 2, 3, 6, 7, 8 to disarm

When a **Type A** and **Type B** arming request is made, the Panel will process the programmed configuration and arm or disarm the partitions of the User code and keypad in use.

+ Each keypad can control its assigned partitions only (keypad partitions).

■ **Arming requests**

Before confirming an arming request, the Panel will check for:

➢ Open zones

➢ Bypassed zones

➢ Trouble

If one of these conditions is found the Panel will not arm, and will await further instructions.

Open zone check If zones are currently open (alarm status) the following message will be shown:

```
Open zones  ↓↵
    Arm ?
```

The user will have three options:

⌷ESC/EXC⌷ **Exit:** the Panel will not arm

ENTER **Continue:** the Panel will arm

0↓ **View:** a list of the zones in alarm status will be shown.
The top row will show the zone label and the bottom row the alarm or bypassed status.

Use the bottom row to bypass/unbypass the zones.

+ Refer **Zone status** for details on the **View** and **Bypass** options.

Auto-bypassable zones If an **Auto-bypassable** zone is currently open (alarm status), it will be bypassed automatically when the system arms, and unbypassed when the system disarms.

Bypassed zone check If a zone is currently bypassed the following message will be shown:

```
Bypassed zone ↓↵
    Arm ?
```

The user will have three options:

ESC/EXC **Exit:** the Panel will not arm

ENTER **Continue:** the Panel will arm

+ If the arming request is confirmed some partitions will have bypassed zones.

0↓ **View:** a list of the zones bypassed status will be shown.

Trouble check If trouble is detected the following message will be shown:

```
Warn.-Trouble ↵
    Arm ?
```

The user will have two options:

ESC/EXC **Exit:** the Panel will not arm

ENTER **Continue:** the Panel will arm

+ Refer to **View Trouble** for viewing instructions.

Memory reset The memory will reset when the partitions arm.

■ **View Trouble**   ENTER

The amber LED ⚠ will go ON to signal Panel trouble.

From standby status:

Press ENTER to view the Trouble (Warning) list.
Use 9↑ or 0↓ to scroll the list.
Press ESC/EXC to exit.

The Trouble Warnings are as follows.

➢ **Warning fuse +B** : on-board auxiliary power fuse has blown

➢ **Warn. fuse BPI1** : BPI fuse has blown

➢ **No mains** : Mains failure (the Panel is being powered by the battery)

➢ **Low battery** : battery needs recharging

➢ **Warn.pow.troub.** : battery trouble or the battery fuse has blown

➢ **Warn.pow.station**: remote power station trouble (mains failure, fuses, battery down or not working properly)

Key in a valid User code PIN then press ⎚ENTER to access the USER MENU.

A *Welcome* message will be shown, and it will be possible to select the various User menu options.

+ The *Welcome* message can be disabled by the installer.

Use ⎚9↑ or ⎚0↓ to scroll the Options.

Press ⎚ENTER to select.

USER MENU options:

❑ **Alarm reset**

❑ **Stop Alarm**

❑ **View buffer**

❑ **Zones status**

❑ **Arm/Disarm partitions**

❑ **Print buffer** (This Panel is UNABLE to access this option)

❑ **Overtime request** (This Panel is UNABLE to access this option)

❑ **Auto-arm En/Dis.** (This Panel is UNABLE to access this option)

❑ **Teleserv.request**

❑ **En./Dis.Teleser.** (Enable/Disable Teleservice)

❑ **En./Dis.Answer.** (Enable/Disable Answering machine)

❑ **Outs management**

❑ **Codes programm.**

❑ **Clear call queue**

+ **The default User code is 0001:** only this Code is **Available / Active**

+ The Installer can program the 31 User codes to control specific partitions, and options. The User menu will show the User code options only.

+ The selected options will affect the partitions of the User code and keypad in use.

+ Request Denied will be signalled by an error beep, and an error message (refer to **Basic Options**).

■ **Alarm reset**

Select this option to delete the zone and partition alarm memories, and force alarm signalling devices into standby status.

Before stepping back to the USER MENU the following message will be shown:

```
Alarm reset
    D O N E!
```

If the Alarm signalling devices continue to signal after Reset, use the **Stop Alarm** option.

The causes of persistent alarms (e.g. faulty sensors) must be traced and dealt with immediately.

■ **Stop Alarm**

Select this option to force the alarm signalling devices into standby status.

The following message will be shown:

```
ATTENTION!
Stop Alarm
```

+ No new alarms can be generated during this phase.

Press any key to exit.

■ **View buffer**

Select this option to view the event buffer.

Use ⎚A∗ and ⎚B# to scroll the buffer.

The events will be shown on the bottom row of the display, as follows:

➢ *Event type* (e.g. Zone arming request)

➢ *Event ID* (e.g zone list)

➢ *Agent* (e.g. keypad requesting the action)

➢ *Agent ID* (e.g. User requesting the action)

> *Hour, minute, year, month, day*

+ Some events do not have all five parameters.

Use [9↑] and [0↓]. to scroll the event list.

The top row will show the event number and category, and the bottom row will show the event description, as per the following table.

CATEGORY	DESCRIPTION
Type	*Event type*
Zone	*Zone label*
Dev.	*Device label*
Code	*User code entered*
D.Key	*Digital key used*
Agent	*Agent*
Key	*Key used*
Time	*Instant*
Partition	*Partition label*
Id.T.	*Type ID*

■ Zone status

Select this option to bypass/unbypass the zones of the keypad partitions, or to view zone status.

The status of the zones of the keypad partitions will be shown.

Use [0↓] or [9↑] to scroll the zone list.
Use [ON PRG] or [OFF RES] to unbypass/bypass the selected zone.

If the zone is double-balanced----the status may be:

> *Stdby* (Standby)

> *Alarm*

> *Short*

> *Tamper*

Press [ESC EXC] to step back to the USER MENU.

Press [0↓] to view open or bypassed status zones of armed keypad partitions.

■ Arm/Disarm partitions

Select this option to arm/disarm partitions.

The current status of the zone will be shown for example:

```
North Perimeter
Disarmed    ↑↓
```

Use [9↑] or [0↓] to scroll the enabled partitions.
Press [ON PRG] or [OFF RES] to arm/disarm the selected partition.
Press [ESC EXC] to confirm the current status.

Press [ENTER] to arm the Panel as per programming.

■ Teleservice request

Select this option when Installer intervention is required (via telephone).

A beep and the following message will confirm request **Done**:

```
Teleserv. request
    D O N E!
```

Teleservice requests will stop ongoing telephone calls (Teleservice requests from the user have absolute priority), and generate a Teleservice call to the installer.

+ The installer must be equipped and ready for Teleservice, otherwise, the request will be ignored (refer to the following chapter for further information on Teleservice).

■ **Enable/Disable Teleservice [En./Dis.Teleser.]**

Select this option to enable/disable the Panel for incoming Teleservice calls.

A beep and the following message will confirm request **Done**:

```
Teleservice
Disabled
```

Use ON/PRG or OFF/RES to Enable/Disable Teleservice.

Press ESC/EXC to exit.

When the Panel (duly enabled for Teleservice) connects to the Installer PC (via telephone line), the installer will be able to:

➢ **View the Panel status**: ----Partition status; Alarm memory; Zone bypass; Zone status; Event buffer; Peripheral device status.

➢ **Change the Panel status**: ----Partition status; Delete the alarm memory; Bypass zones (User code PIN required).

➢ **Change the Panel parameters**: ----all partitions must be disarmed.

The Teleservice facility allows the Installer to work on the system via PC, and deal with trouble events that do not require new wiring or components.

An Q above the ⚲ icon means Teleservice is enabled.

■ **Enable/Disable Answering machine [En./Dis.Answer.]**

This option is provided by the OmniaVOX board (optional).

Select this option from the USER MENU to enable/disable the Answering machine----incoming calls will be answered by a Voice message.

A beep and the following message will confirm request **Done**:

```
Answering mach.
Disabled
```

Press ON/PRG or OFF/RES to Enable/Disable the answering machine.

Press ESC/EXC to exit.

An Q above the ⚘ icon means the Answer machine option is enabled, therefore, all the telephone options are available (refer to **TELEPHONE OPTIONS**).

■ **Output management**

Select this option to allow manual control of one or more outputs. Manual control via keypad will allow the User to turn duly wired household appliances ON and OFF (e.g. garden sprinklers, outdoor lighting, etc.).

The output list will be shown first, followed by the list of devices.

```
Garden lights
ON-Act.OFF-Stdby
```

Use 0↓ or 9↑ to scroll the list.

Press ON/PRG or OFF/RES to Activate/Deactivate the selected output.

+ Only outputs programmed as **Reserved for manual control** can be used for this purpose.

A similar option is available via telephone (refer to **TELEPHONE OPTIONS**).

■ **Code programming**

This option is available to **Master** codes only. The Code hierarchy (Masters and Slaves) must be programmed by the Installer. **Master** codes can select/deselect the **Active** status of their Slave codes, and change their PINs.

Active User codes An **Active** User code can control its enabled partitions and options only.

If the **Active** status is deselected the User code will be unable to control the system.

+ The **Active** status of a **Master** User code cannot be deselected, therefore, this type of request will be signalled by an error beep.

PIN A 4 to 6 digit Personal Identification Number (programmed by a Master code User) will identify each User code, and its enabled options.

Programming User codes:

Step 1 Enter the **Master** code then select **Code programm.** option.

A list of the relevant **Slave** codes will be shown, as below:

```
Stefy Searle
Active        ↑↓
```

Use ⌊0↓⌋ or ⌊9↑⌋ to scroll the list.

Step 2 Press ⌊ON/PRG⌋ or ⌊OFF/RES⌋ to select /deselect Active status.

***Changing the
User code PIN:***

Step 1 Press ⌊ENTER⌋ to view the User PIN list.

Step 2 Enter the new PIN----Q **will replace X** as the new digits are entered.

```
Stefy Searle
PIN    **XXXX
```

Step 3 Press ⌊ENTER⌋ to save, or ⌊ESC/EXC⌋ to abandon changes and step back to the Code programming phase.

■ **Clear call queue**

Select this option to stop all outgoing event calls, and delete the call queue.

A beep and the following message will confirm request **Done**:

```
Clear call queue
    D O N E!
```

The ongoing call will be stopped, and the call queue will be cleared.

Press ⌊ESC/EXC⌋ to exit.
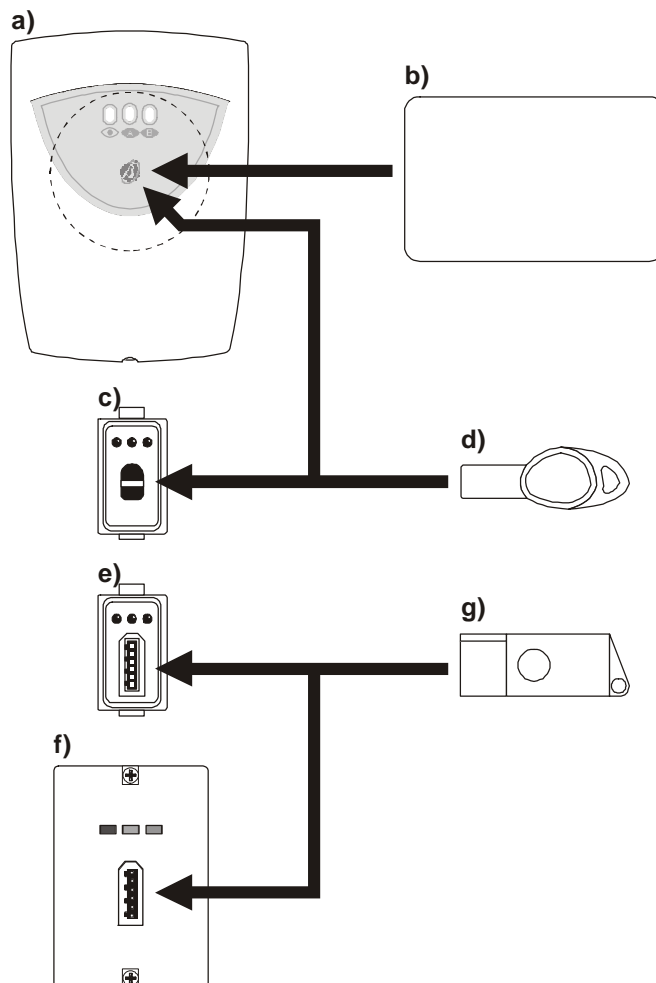
Figure 2   *Digital key/card readers: a) PROXI reader (for proximity keys/cards); b) PROXI-CARD; c) ECLIPSE Flush mounting reader (contactless); d) SAT contactless key; e) BP13 flush mounting reader (with contacts); f) BPI3W Wall mounting reader (with contacts); g) DKC key with contacts*

This section describes the operating principles of **Digital key** and **Proximity Key/Card** systems.

+ *Only the Installer can program the Keys/Cards and Readers.*

Readers **ECLIPSE** Key Readers and **PROXI** Card Readers are equipped with 3 System status LEDs (**Red**, **Green** and **Amber**).

The Readers can be programmed to control:

----specific partitions (Reader partitions)
----type A arming mode (**Amber** LED)
----type B arming mode the (**Green** LED)

Keys/Cards Academy40 supports 250 Keys/Cards and an unlimited number of clones (clones of key/card 250).
Each key/card can be programmed with specific attributes, and can be enabled on selected partitions, as per Customer requirements.
During the programming phase, the Keys/Cards will be programmed with the system access code (a random code selected from 4 billion codes), and will be assigned a progressive Identifier number (1 through 250). Once the Identifier number has been established, it will be possible to assign a 16 character label (name) to the Key/Card.

Using DKC Keys with BP13 and BP13W Insert a **DKC** Key into a **BP13** or **BP13W** Reader----all the Reader LEDs will switch OFF.

➢ Press the Key button for about 2 seconds.

➢ Extract the key when the LEDs indicate the required arming mode:

RED = Global Arming; **AMBER** = Type A Arming; **GREEN** = Type B Arming.

+ Do not press the button for more than 4 seconds, as the system will read this an '**Abandoned Request**' (the LEDs will blink, and the system status will remain unchanged).

Using the Eclipse/Sat system Insert a **SAT** Key into an **ECLIPSE** Reader----all the Reader LEDs will switch OFF.

➢ Push the **SAT** Key gently into the **Eclipse** Reader.

➢ Extract the **SAT** key when the LEDs indicate the required arming mode:

RED = Global Arming; **AMBER** = Type A Arming; **GREEN** = Type B Arming.

Using the PROXI CARD system Hold a **PROXI** Key near the sensitive field of the **PROXI** Reader (see dashed circle **a)** in Figure 2)----all the Reader LEDs will switch OFF.

➢ Hold the **PROXI** Card near sensitive field of the **PROXI** Reader until the LEDs indicate the required arming mode:

➢ Move the **PROXI** Card away.

RED = Global Arming; **AMBER** = Type A Arming; **GREEN** = Type B Arming.

Multiple Systems The Keys/Cards can be programmed to control several systems, with different access levels (enabled Readers, Partitions, etc.), this in no way complicates use, as the procedures are exactly the same on all systems.

■ **Controlling the system**

The operations described in this section will effect only the partitions of the Key/Card and Reader in use.

+ *Only the Installer can enable the Keys/Cards and Readers on the Partitions.*

The Keys/Cards can control the following operations:

➢ **Global Arming**: (**Red** LED **ON**) ALL the Key/Card and Reader partitions will arm.

➢ **Global disarming**: (all LEDs **OFF**) ALL the Key/Card and Reader partitions will disarm.

➢ **Type A and B arming**: (**Amber** or **Green** LED **ON**) ALL the Key/Card and Reader partitions will arm or disarm (as programmed).

➢ **Stop Alarm**: All the signalling devices assigned to the Key/Card and Reader partitions will reset to standby status.

No Key/Card at Reader When no Key/Card is present at a Reader, the LEDs will indicate the system status, as follows:

Red LED **ON**----at least one of the Reader partitions is **Armed**

Red LED **OFF**----all the Reader partitions are **Disarmed**

Amber LED **ON**----the system is armed in **Type A** mode

Green LED **ON**----the system is armed in **Type B** mode

The LEDs will indicate the status of the Reader partitions only. The Reader LEDs can be programmed to show Panel status **at all times**, or **only** in response to a valid Key (LEDs **OFF** when the Reader is empty).

If the configuration of the armed partitions does not match either Type A or B arming mode, the **Amber** and **Green** LED will not switch **ON** (for example, a Reader partition has been armed from a keypad).

Key/Card at Reader When a Key/Card is present at a Reader, the LEDs will indicate the system status, as follows:

The Control panel will perform a 'Zones Check' on the Unbypassed and Instant zones----of the partitions to be armed. If violated zones are found (door or window open), the LED (assigned to the selected Arming mode) will flash to signal that **arming the partitions will generate an alarm**.

+ If violated zones, found during a 'Zones Check', are programmed as **Auto-bypassable**, they will be bypassed, and an alarm will not be generated. Zones bypassed in this way will be unbypassed when their partitions are next disarmed.

False Keys/Cards at Readers will be signalled by fast blinking on all three LEDs, and will generate False Key/Card events that in turn will activate the programmed actions.
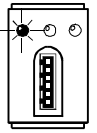
■ **Global arming**

This operation will arm all the partitions of the Key/Card and Reader in use.

All 3 LEDs must be OFF.
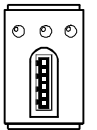
■ **Global disarming**

This operation will disarm all the partitions of the Key/Card and Reader in use.

The Red LED must be ON.
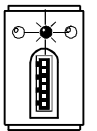
■ **Type A arming (Amber)**

This operation will arm specific partitions and disarm others, as per the programmed configuration.

The Amber LED must be ON.
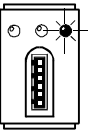
■ **Type B arming (Green)**

This operation will arm specific partitions and disarm others, as per the programmed configuration.

The Green LED must be ON.
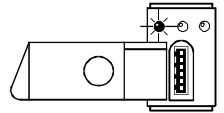
■ **Stop Alarm**

This operation will interrupt all the alarms generated by the partitions of the Key/Card and Reader in use.

To Stop Alarms: use a valid key at a Reader. If the **Enable Panel-Alarm Stop with valid Electronic Key** option is enabled, the Control panel alarms will also be interrupted.

+ If the Key/Card has been programmed to stop calls----the ongoing call will be interrupted and the call queue will be cleared.

The optional **OmniaVOX** board will allow the Panel to manage incoming and outgoing telephone calls (DTMF only).

7 User codes are available for Panel control via telephone. The installer can enable/disable User code **options** and **partitions**---as per customer requirements.

There are two ways of accessing Panel control via telephone:
--- **Dialler Mode Access** (after receiving a Dialler call);
--- **Answer mode access** (after calling the Panel).

■ **Dialler mode access**

The User can operate the Panel during a Dialler call, as follows.

Step 1 Enter the User code PIN then press [#] before the message ends, otherwise, the Panel will end the call.

Step 2 Press the number key of the required option (refer to **Commands from Telephone keypad**).
+ If no key is pressed within the programmed **timeout** (30 seconds at default) the Panel will end the call.

Use the [#] key to *Undo* mistakes.

■ **Answer mode access**

The Answering machine Voice message must be recorded by the installer. The **Answering machine** option must be enabled.
+ The Answering machine option can be enabled/disabled from the keypad (refer to **Enable/Disable Answering machine**).

Incoming calls will be dealt with as follows.

Teleservice enabled If the Teleservice option is **enabled** (refer to the **Enable/Disable Teleservice**), the Panel will:
---answer with an audible signal (high tone)
---wait 4 seconds then play the Voice message

Step 1 Enter the User code PIN then press [#] before the message ends, otherwise, the Panel will end the call.

Step 2 Press the number key of the required option (refer to **Commands from Telephone keypad**).
+ If no key is pressed within the programmed **timeout** (30 seconds at default) the Panel will end the call.

Use the [#] key to *Undo* mistakes.

Teleservice disabled If the Teleservice option is **disabled** (refer to **Enable/Disable Teleservice**), the Panel will:
---answer with an audible signal (low tone)
---wait 4 seconds then play the Voice message
+ **Do not enter the User code PIN during the 4 second pause.**

Step 1 Enter the User code PIN then press [#] before the message ends, otherwise, the Panel will end the call.

Step 2 Press the number key of the required option (refer to **Commands from Telephone keypad**).
+ If no key is pressed within the programmed **timeout** (30 seconds at default) the Panel will end the call.

Use the [#] key to *Undo* mistakes.

User code PIN (Personal Identification Number)

Master codes can select/deselect the **Active** status of their Slave codes, and change their PINs. The User code PIN allows access to Panel control via telephone.
+ If an invalid User code PIN is entered, or the requested option is not enabled for the User code in question the Panel will emit an error beep.

During **Dialler** or **Answer mode access** the keys on the telephone keypad will operate as special function keys, as follows.

■ **Exit Request** $\boxed{\#}$

Press $\boxed{\#}$ to exit the ongoing request.

The Panel will step back to *Enter data* status and emit a *ready* beep.

■ **Stop Alarm/On hook** $\boxed{*}$

Dialler mode access---press $\boxed{*}$ to stop the alarm, end the Dialler call, and clear the Dialler call queue.

Answer mode access---press $\boxed{*}$ to stop the alarm and end the call to the Panel.

■ **Remote listen-in** $\boxed{1}$

Press $\boxed{1}$ to start the remote listen-in phase.

The User will be able to listen to sounds in the protected ambient.

Press $\boxed{\#}$ to exit this phase.

■ **Remote telephone access** $\boxed{2}$

Press $\boxed{2}$ to start **Remote telephone access** (2Way communication with persons in the protected ambient).

Press $\boxed{\#}$ to exit this phase.

+ This option can be used for **Teleassistance**. The elderly will find this option particularly useful, as they can use a remote-control device (pendant) to send emergency messages, via the Panel, to the Central station. The Central station will be able to identify the caller, and communicate with the person, via the Panel, when the emergency message ends.

■ **Check input zone status (All)** $\boxed{3}\boxed{0}\boxed{0}$

Press $\boxed{3}\boxed{0}\boxed{0}$ to check the status of all the input zones with Voice messages.

The Panel will play the active messages then step back to *Enter data* status and emit a *ready* beep.

+ A Standby status message and an Alarm status message can be assigned to each Input.

■ **Check input zone status** $\boxed{3}\boxed{?}\boxed{?}$

Press $\boxed{3}$ then key in the identifier number of the required Input zone (refer to the **MEMO**).

The following situations may occur:

➢ *Voice messages assigned to the input:*

----the Panel will play the active message then step back to the *Enter data* status and emit a *ready* beep.

➢ *No Voice messages assigned to the input:*

In Standby status---the Panel will emit a beep (high tone), then step back to the *Enter data* status and emit a *ready* beep.
In Alarm status---the Panel will emit 2 beeps (high tone), then step back to the *Enter data* status and emit a *ready* beep.

■ **Disable Output** $\boxed{4}\boxed{?}\boxed{?}$

Press $\boxed{4}$ then key in the identifier number of the Output to be disabled (refer to the **MEMO**).

The panel will disable the Output then step back to *Enter data* status and emit a *ready* beep.

+ This option applies to outputs that are **Reserved** for manual control. If the User code is not enabled for this option, or a non-reserved output is requested the Panel will emit an error beep.

■ **Enable Output** $\boxed{5}\boxed{?}\boxed{?}$

Press $\boxed{5}$ then key in the identifier number of the Output to be disabled (refer to the **MEMO**).

The panel will enable the Output then step back to *Enter data* status and emit a *ready* beep.

+ This option applies to outputs that are **Reserved** for manual control. If the User code is not enabled for this option, or a non-reserved output is requested the Panel will emit an error beep.

■ **Arm Partition** $\boxed{6}\boxed{?}$

Press $\boxed{6}$ then press the Partition identifier number key (refer to the **MEMO**).

The panel will arm the Partition then step back to *Enter data* status and emit a *ready* beep.

■ **Global arming** `6` `0`

Press `6` `0` to arm all the partitions of the User code in question.

The panel will arm the enabled partitions only then step back to *Enter data* status and emit a *ready* beep.

■ **Disarm Partition** `7` `?`

Press `7` then press the partition identifier number key (refer to the **MEMO**).

The panel will disarm the Partition then step back to *Enter data* status and emit a *ready* beep.

■ **Global disarming** `7` `0`

Press `7` `0` to disarm all the partitions of the User code in question.

The Panel will disarm the enabled partitions only then step back to *Enter data* status and emit a *ready* beep.

■ **Alarm reset** `8`

Press `8` to reset the alarm memory of the partitions controlled by the entered User code. For the outcome of this request refer to **User menu** options.

The Panel will reset the Partition then step back to *Enter data* status and emit a *ready* beep.

■ **Deselect Active status** `9`

Press `9` to deselect the **Active** status of the entered User code.

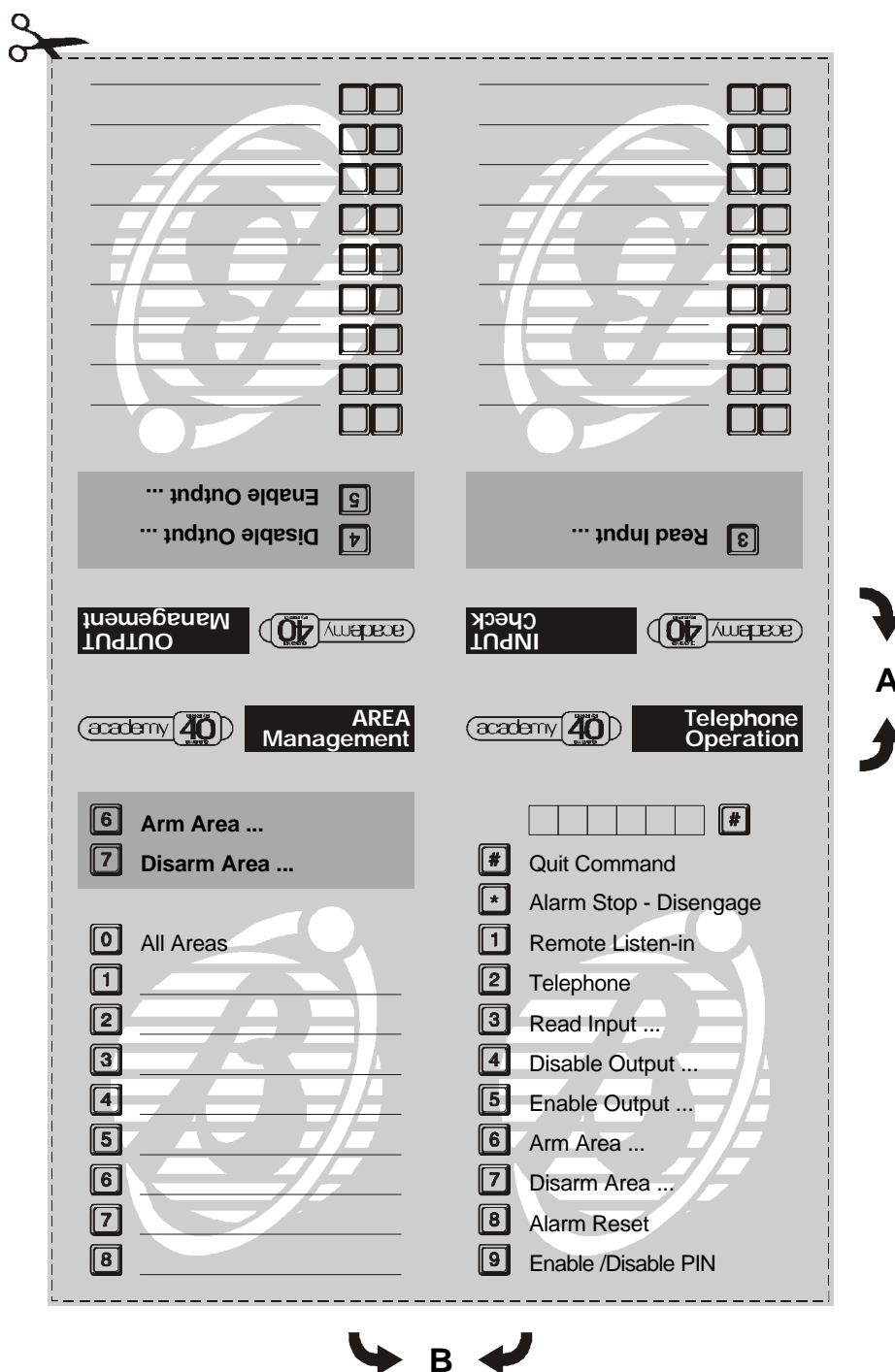The deselected code will be unable to control the system until it is restored to **Active** status (refer to **Code pro-gramming**).

1. This security feature allows the User to disable User codes that have accessed the system via telephone, thus protecting the system against unauthorized use of PINs intercepted by illegal tapping.

+ If `9` is pressed by mistake---press `9` again to *Undo* the error before the call ends.

The **MEMO** below must be filled in by the Installer. Each User should have a copy for reference purposes.

Cut along the dotted line and fold the chart in two (parts A and B back to back) then seal it in a plastic cover.

A

B

Part A (upside-down):

5 Enable Output ...

4 Disable Output ...

academy **40** OUTPUT Management

3 Read Input ...

academy **40** INPUT Check

Part B:

academy **40** AREA Management

academy **40** Telephone Operation

6 Arm Area ...
7 Disarm Area ...

0 All Areas
1 _____
2 _____
3 _____
4 _____
5 _____
6 _____
7 _____
8 _____

Quit Command
* Alarm Stop - Disengage
1 Remote Listen-in
2 Telephone
3 Read Input ...
4 Disable Output ...
5 Enable Output ...
6 Arm Area ...
7 Disarm Area ...
8 Alarm Reset
9 Enable /Disable PIN

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Quick Guide

Use the keys shown in the following table to control the basic options.

Global arming:	_User code_ Ý $\boxed{\substack{\text{ON}\\\text{PRG}}}$
Type A arming:	_User code_ Ý $\boxed{\substack{\text{A}*\\\leftarrow}}$
Type B arming:	_User code_ Ý $\boxed{\substack{\text{B}\#\\\rightarrow}}$
Global disarming:	_User code_ Ý $\boxed{\substack{\text{OFF}\\\text{RES}}}$
Alarm reset:	_User code_ Ý $\boxed{\text{ENTER}}$ Ý $\boxed{\text{ENTER}}$
Stop Alarm:	_User code_ Ý $\boxed{\text{ENTER}}$ Ý $\boxed{\substack{0\\\downarrow}}$ Ý $\boxed{\text{ENTER}}$
Clear call queue:	_User code_ Ý $\boxed{\text{ENTER}}$ Ý $\boxed{\substack{9\\\uparrow}}$ Ý $\boxed{\text{ENTER}}$

FOR SERVICE CONTACT:
Installer:
Telephone:
Address:
Contact person: