EXPANDABLE MULTIFUNCTION CONTROL PANEL

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BENTEL SECURITY

● **USER MANUAL**

BENTEL SECURITY

This Control panel has been developed and manufactured according to the highest standards of quality, reliability and performance adopted by BENTEL SECURITY srl.

Installation of this Control panel must be duly carried out in accordance with the local laws in force.

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

*Use the **Omnia-Academy40** 3.0 software release or a successive release to program this Control panel.*

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.

*Academy40 and **Academy40/S** comply with:*

*Low voltage: **EN 60950/1996 + A4/1997***
*Emission: **EN 50081-1/1992***
*Immunity: **EN 50130-4/1995 + A1/1999***
*Burglar control: **CEI 79/2^a Ed. 1993***
*Terminal Equipment (TE): **TBR 21 — 1/1998***

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

All basic security system options, and the Advanced options provided by this Panel can be programmed and controlled from the keypads.

LEDs

Panel status will be shown on the display, and will be indicated by the three LEDs (ICONS) on the keypad.

LEDs The LEDs will indicate the Panel status 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

+ Each Keypad can signal **Zone alarm** or **Tamper** on the zones of its partitions.

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

Display During standby status the upper row will show the date and time as per programmed format, and the lower row will show the system status, for example:

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

Automatic viewing of zones in Alarm If a Zone alarm or Tamper event has been logged (🔔 LED ON or flashing), the upper row of the display will show the zone descriptions in sequential order.

The lower row will provide information on system status.

Characters and meanings

CHARACTER	MEANING
D	The corresponding partition is disarmed. If the **D** is flashing, a partition alarm has been logged.
A	The corresponding partition is armed. If the **A** is flashing, a partition alarm has been logged.
-	The corresponding partition is not a keypad partition.

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

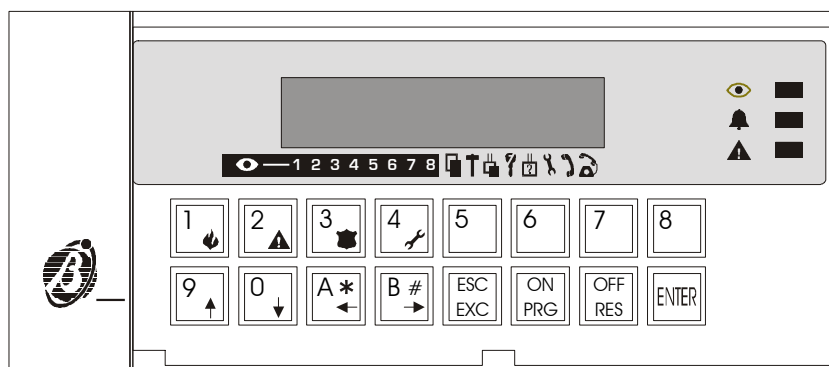----**X** directly above an icon means the coresponding status is active.

Keypad with flip down

ICON	MEANING
▯	Open Panel
⊤	Tamper line violation
▯	BPI device tamper
?	False digital key on Key reader
?	BPI bus device Trouble

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

----Q directly above an icon means the corresponding option is enabled.

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
ꜰ	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: the User code is enabled for **Global arming** on a specific group of partitions that are not 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 elaborate the programmed configuration and arm or disarm the partitions of the User code and keypad in use.

+ Each keypad can operate its assigned 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 upper row will show the zone label and the lower row the alarm or bypassed status.

Use the lower row to bypass / unbypass the zones.

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

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

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

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** : board auxiliary power fuse has blown

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

➢ **No mains**   : Mains failure---- the Panel will be powered by the battery

➢ **Low battery**   : battery needs recharging

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

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

Enter 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 operate this option)

❒ **Overtime request** (This Panel is UNABLE to operate this option)

❒ **Auto-arm En/Dis.** (This Panel is UNABLE to operate 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 operate 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 signallers (connected to the alarm outputs) into standby status.
Before stepping back to the USER MENU the following message will be shown:

Alarm reset
  D O N E!

Use the **Stop Alarm** option to stop the signallers---in the event of persistent Alarm signalling after reset.

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 signallers (connected to the alarm outputs) 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 ⌨ and ⌨ to scroll the buffer.

The events will be shown on the second 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 ⌨ and ⌨. to scroll the event list.

The upper row will show the event number and category, and the lower 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 their status.

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

Use ⌨ or ⌨ to scroll the zone list.
Use ⌨ or ⌨ to unbypass / bypass the selected zone.

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

➤ **Stdby** (Standby)

➤ **Alarm**

➤ **Short**

➤ **Tamper**

Press ⌨ to step back to the USER MENU.

Press ⌨ to view open or bypassed status zones of armed keypad partitions.

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■ **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 $\boxed{9\,\blacktriangle}$ or $\boxed{0\,\blacktriangledown}$ to scroll the enabled partitions.

Press $\boxed{\text{ON/PRG}}$ or $\boxed{\text{OFF/RES}}$ to arm /disarm the selected partition.

Press $\boxed{\text{ESC/EXC}}$ to confirm the current status.

Press $\boxed{\text{ENTER}}$ to arm the Panel as per programming.

■ **Teleservice request**

Select this option to request Teleservice (Installer intervention 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 $\boxed{\text{ON/PRG}}$ or $\boxed{\text{OFF/RES}}$ to Enable / Disable Teleservice.

Press $\boxed{\text{ESC/EXC}}$ to exit.

When the Panel is connected to the Installer PC (via telephone line), and is enabled for Teleservice, the installer can:

➢ **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 option allows fast Installer intervention for trouble that does not require new wiring or pieces. The installer can check out any anomalies detected by the Panel (blown fuses, low battery, etc.) and work on the system via PC.

----Q directly 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 $\boxed{\text{ON/PRG}}$ or $\boxed{\text{OFF/RES}}$ to Enable / Disable the answering machine.

Press $\boxed{\text{ESC/EXC}}$ to exit.

----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 status 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 fist, followed by the list of devices.

Garden lights
ON-Act.OFF-Stdby

Use $\boxed{0_\downarrow}$ or $\boxed{9_\uparrow}$ to scroll the list.

Press $\boxed{\substack{\text{ON} \\ \text{PRG}}}$ or $\boxed{\substack{\text{OFF} \\ \text{RES}}}$ 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 operate its enabled partitions and options only.
If the **Active** status is deselected the User code will be unable to operate 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.

How to program 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:

John Doe
Active   ↑↓

Use $\boxed{0_\downarrow}$ or $\boxed{9_\uparrow}$ to scroll the list.

Step 2 Press $\boxed{\substack{\text{ON} \\ \text{PRG}}}$ or $\boxed{\substack{\text{OFF} \\ \text{RES}}}$ to select / deselect Active status.

How to change the User code PIN:

Step 1 Press $\boxed{\text{ENTER}}$ to view the User PIN list.

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

John Doe
PIN   **XXXX

Step 3 Press $\boxed{\text{ENTER}}$ to save, or $\boxed{\substack{\text{ESC} \\ \text{EXC}}}$ 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 $\boxed{\substack{\text{ESC} \\ \text{EXC}}}$ to exit.

Digital keys

Digital keys Academy40 can manage 250 different digital keys, and an unlimited number of clones keys (clones of key 250). Each digital key can be programmed to operate specific partitions only, as per Customer requirements. The digital keys have a non-volatile memory that stores a random code----selected from 4 billion code combinations, and can be programmed with a progressive number (1 through 250), and a 16 character label (name).

+ Only the Installer can program the digital keys and key readers.

In most models the control button is on the digital key, however, in the **Eclipse/Sat** model the control button is inside the key reader, therefore, the **Sat** key must be inserted into the **Eclipse** key reader and pushed slightly in order to scan and select the arming mode.

+ **ECLIPSE** key readers must be at least 5 cm apart.

Multiple Digital keys can be programmed to operate more than one Academy40 and Omnia system. Different groups of par-
Systems titions can be managed for each Academy40 and Omnia system.
The operating procedures will be the same for each Academy40 and Omnia system.

Key readers Key readers have 3 LEDs (**Red**, **Green** and **Amber**) and a digital key slot.

Each key reader can be programmed with:

----the partitions it can operate (key reader partitions)
----type A arming mode (**Amber** LED)
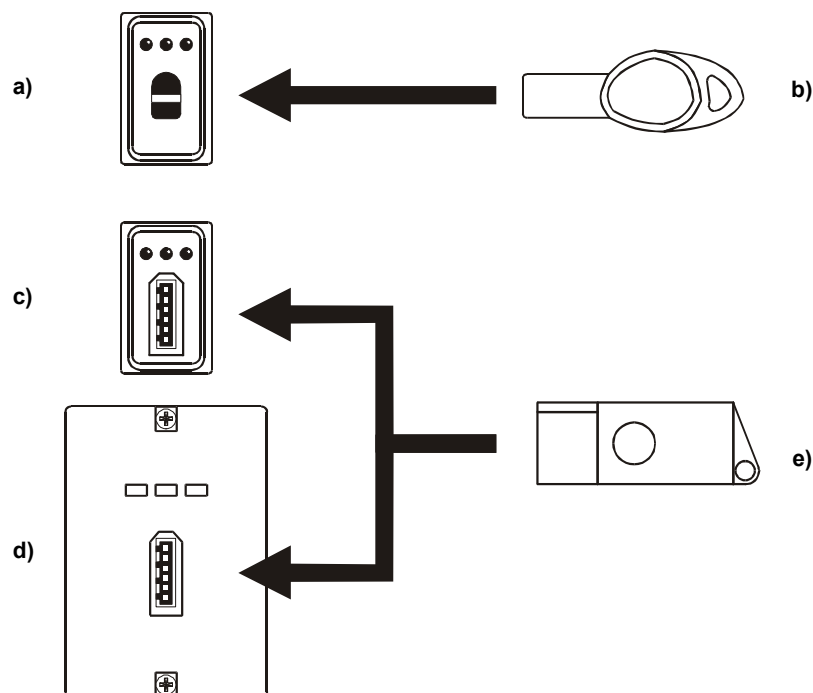----type B arming mode the (**Green** LED)

Figure 2   *a) Inseritore senza contatti, da incasso; b) Attivatore senza contatti; c) Inseritore con contatti, da incasso; d) Inseritore con contatti, da parete; e) Attivatore con contatti.*

■ **Arming Mode Options**

Digital key in key reader When a digital key is used on a key reader----all the signalling devices----assigned to the digital key and key reader partitions will stop. If the digital key is programmed to stop calls----the ongoing call will be stopped, and the call queue will be cleared.

How to scan configurations:

Press the digital key button to scan the 4 configurations of the LEDs.

➢ Global arming: (**Red** LED **ON**) all the partitions----of the digital key and key reader in use----will arm when the digital key is extracted.

➢ Global disarming: (all LEDs **OFF**) all the partitions----of the digital key and key reader in use----will disarm when the digital key is extracted.

➢ A and B type arming: (**Amber** or **Green** LED **ON**) all the partitions----of the digital key and key reader in use----will arm or disarm (as configured during programming) when the digital key is extracted.

➢ Stop alarm: all signalling devices (connected to the alarm outputs) of the partitions of the digital key and key reader in use----will reset to standby status when the digital key is extracted.

The Panel will check the status of the unbypassed and Instant zones----of the partitions to be armed. If violated zones are found (door or window open), the LED will flash to signal that **arming the partitions will generate an alarm**.

Exit without changing:

Step 1 Leave the key in the key reader.

Step 2 Press the digital key button for about 4 seconds.

Step 3 Extract the key when the 3 LEDs start flashing.

Disabled digital keys will generate the False Key Event on the key reader. The False Key Event will be signalled by fast flashing on the 3 LEDs.

No digital key in key reader When the key reader is empty (no digital key) the LEDs will perform as follows:

Red LED **ON**----at least one of the key reader partitions is **armed**

Red LED **OFF**----all the key reader partitions are **disarmed**

Amber LED **ON**----**Type A** arming mode

Green LED **ON**----**Type B** arming mode

The LEDs will indicate the status of the key reader partitions only. The Installer can program the key reader LEDs to show Panel status **at all times**, or **only** in response to a valid digital key (LEDs **OFF** when the key reader is empty).

+ If the configuration of the armed partitions does not match either Type A or B arming mode (for example a key reader partition has been armed from the keypad) the **Amber** and **Green** LED will not go **ON**.
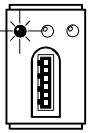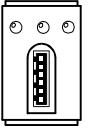
■ **Global arming**
   This option will arm all the partitions of the digital key and key reader in use.

Step 1 Insert a valid digital key into any key reader----**all 3 LEDs on the key reader will go OFF**.

Step 2 Press the digital key button once----the **Red LED will go ON** to indicate a Global arming request.

Step 3 Extract the digital key----the assigned partitions will arm.
   + Flashing on the **Red** LED signals violation of at least one zone (door or window open), therefore, arming will generate an alarm.
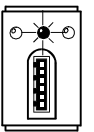
■ **Global disarming**
   This option will disarm all the partitions of the digital key and key reader in use.

Step 1 Insert a valid digital key into any key reader----**all 3 LEDs will go OFF**.

Step 2 Extract the digital key----the assigned partitions will disarm.

■ **Type A arming (Amber)**
   This option will arm specific partitions and disarm others, as per the programmed configuration.

Step 1 Insert a valid digital key into any key reader----**all 3 LEDs will go OFF**.

Step 2 Press the digital key button twice----**the Amber LED will go ON** to indicate a Type A arming request.

Step 3 Extract the digital key----the system will arm with Type A arming configuration.
   + Flashing on the **Amber LED signals violation of at least one zone (door or window open), therefore, arming will generate an alarm**.
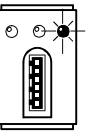
■ **Type B arming (green)**
   This option will arm specific partitions and disarm others, as per the programmed configuration.

Step 1 Insert a valid digital key into any key reader----**all 3 LEDs will go OFF**.

Step 2 Press the digital key button three times----**the Green LED will go ON** to indicate a Type B arming request.

Step 3 Extract the digital key----the system will arm with Type B arming configuration.
   + Flashing on the **Green LED indicates violation of at least one zone (door or window open), therefore, arming will generate an alarm**.
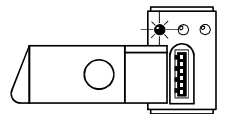
■ **Stop alarm**
   To stop an alarm:

   Insert a valid digital key into any key reader.

   This option will not reset the alarm memories.
   + If the digital key is programmed to stop calls----the ongoing call will be interrupted and the call queue will be cleared.

Expandable multifunction control panel **Academy40**

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 **Function keys**).
  + If no key is pressed within the programmed **timeout** (factory default 30 seconds) the Panel will end the call.

  Use the # key to cancel 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 answered as follows.

Teleservice If the Teleservice option is **enabled** (refer to the **Enable / Disable Teleservice**), the Panel will:
enabled ----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 communication.

Step 2 Press the number key of the required option (refer to **Function keys**).
  + If no key is pressed within the programmed **timeout** (factory default 30 seconds) the Panel will end the call.

  Use the # key to Undo.

Teleservice If the Teleservice option is **disabled** (refer to **Enable / Disable Teleservice**), the Panel will:
disabled ----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 communication.

Step 2 Press the number key of the required option (refer to **Function keys**).
  + If no key is pressed within the programmed **timeout** (factory default 30 seconds) the Panel will end the call.

  Use the # key to Undo.

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 number pad will operate as function keys, as follows.

■ **Exit Request** `#`

Press `#` to exit the ongoing request.

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

■ **Stop Alarm / On hook** `*`

Dialler mode access----press `*` to stop the alarm, end the Dialler call, and clear the Dialler call queue.

Answer mode access----press `*` to stop the alarm and end the call to the Panel.

■ **Remote listen-in** `1`

Press `1` to start the remote listen-in phase.

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

Press `#` to exit this phase.

■ **Remote telephone access** `2`

Press `2` to start **Remote telephone access** (2Way communication with persons in the protected environment).

Press `#` 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)** `3` `0` `0`

Press `3` `0` `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** `3` `?` `?`

Press `3` then press the two keys that form the identifier number of the required Input zone (refer to the **MEMO Chart**).

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** `4` `?` `?`

Press `4` then press the two keys that form the identifier number of the Output to be disabled (refer to the **MEMO Chart**).

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** `5` `?` `?`

Press `5` then press the two keys that form the identifier number of the Output to be disabled (refer to the **MEMO Chart**).

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** `6` `?`

Press `6` then press the Partition identifier number key (refer to the **MEMO Chart**).

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 Chart**).

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 User code will be unable to operate the system until it is reinstated as **Active** (refer to **Code programming**).

This security feature allows the User to disable the User code PIN that accessed the system via telephone. In this way, the system will be protected against illegal use of the User code PIN, in the event interception of the touch tones.

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

The Installer must fill in the Telephone Options **MEMO Chart** (see below) with the descriptions of the inputs, outputs and partitions, etc. and provide each User with a copy.

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.

5 Enable Output ...

4 Disable Output ...

3 Read Input ...

OUTPUT Management

INPUT Check

AREA Management

Telephone Operation

A

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

B

Expandable multifunction control panel **Academy40**

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

Global arming:	User code Ý `ON PRG`
Type A arming:	User code Ý `A *`
Type B arming:	User code Ý `B #`
Global disarming:	User code Ý `OFF RES`
Alarm reset:	User code Ý `ENTER` Ý `ENTER`
Stop Alarm:	User code Ý `ENTER` Ý `0` Ý `ENTER`
Clear call queue:	User code Ý `ENTER` Ý `9` Ý `ENTER`

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