VERSION LOG

Version	Date	CHANGES
1.0	29/03/18	Initial version

VT5000

VELOXTOUCH Fire Alarm Control Panel

User and Installation Manual

Models :
VT5000 **VELOXTOUCH** Fire Control Panel

Ver 1.0

Declaration of conformity

This equipment was designed according to the quality, reliability and performance criteria adopted by Ateis.
Equipment must be professionally installed according to current regulations.
The equipment meets the following directives and standards:
EMC Directive (EMC) **2004/108/EC**
Low Voltage Directive (LVD) **2006/95/EC**
EN 54-2
EN 54-4 (A2:2006)

TABLE OF CONTENTS:

1. SAFETIES AND WARRANTIES

1.1 Safety rules

The information in this manual section aim to ensure that the device is correctly installed and handled.
If any part of this Fire Alarm Control Panel becomes damaged, contact the company responsible for system maintenance to arrange the repair of the unit.

1.2 Intended use

The equipment must only be installed and used as described in this manual and for the purposes described in the advertising material distributed by ATEIS. It can only be connected to equipment, components and devices manufactured by third parties as recommended and permitted in this manual or by ATEIS directly.
The equipment was designed, manufactured and tested to meet the stated safety standards.

1.3 Standards compliance

- EN 54-2: Fire detection and fire alarm systems - Control and indicating equipment.
- EN 54-4: Fire detection and fire alarm systems - Power supply equipment (integrated in the control panel).
- Product type: Fire detection and fire alarm systems for buildings.
- Intended use: Fire safety.

2. TECHNICAL DATA

2.1 Datum plate

Primary voltage	220-240 V AC / 50 Hz
Primary consumption	2.4 A ~
230V~ fuse	F4A

2.2 Electrical features

Minimum operating voltage	21.6 V
Batteries	(x2) 12VDC 7- 17A.h
Aux Out Max Current	500mA
Quiescent Current	300 mA
Sounder Output Max Current	Max. 500mA – 27.6V DC
Fault relay	Max. 1A - 30V DC - 120V AC

2.3 Functional features

Serial output for PC	RS232
Event log	Max. 850
Number of loops	1-9
Max device / loop	Max. 240
Loop setup	Open / closed
Length of the detector lines	Max. 2000m

2.4 Mechanical features

Protection level	IP30
Dimensions (W x L x D)	410 x 410 x 120 mm
Weight (without batteries)	6 Kg
Color	Black

2.5 Environmental features

Storage temperature	(-40 / +70) °C
Operating temperature	(-5 / +40) °C
Operating humidity (relative)	90%

3. CONTROL PANEL INDICATIONS AND CONTROL

3.1 Status led

Name	Color	Description
Fire	Red	Fire alarm from at least a device in the system
Fault	Yellow	Generic fault
Disablements	Yellow	Devices or peripherals disabled
Mon. Out. Act.	Yellow	Monitored output activated
Mon Out. Dis.	Yellow	Monitored output disabled
Fault Mon. Out.	Yellow	Monitored output fault
CPU fault	Yellow	CPU fault
Power	Green	Main Power supply 220V
Test	Yellow	At least one device under test
Silenced	Yellow	Alarm silenced
Ext. Activation	Yellow	N/A
Ext. Release	Yellow	N/A
Ext. Out Serv.	Yellow	N/A
Ext. Locked	Yellow	N/A

3.2 Types of users

The panel can be used by three different types of users:

- **User** that can:

1. view system events
2. silence the panel and alarms
3. reset the panel and alarms
4. disable devices
5. test installed devices
6. export log events to USB
7. device diagnostics

- **Programmer** that can:

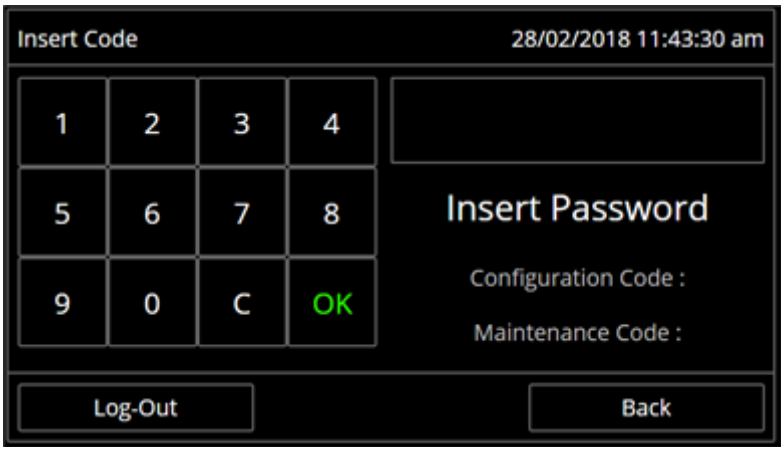
1. configure and initialize the unit
2. view system events
3. disable devices
4. test installed devices
5. add and configure new devices
6. add new expansion boards to the unit

Each operator can only open the screens required to run their permitted operations.
Any operator can view the system status and current events because these operations are directly accessible from the Main page which is not password protected.

3.3 Login

2 types of access can be used on the panel:
-Programmer which will have have access to the commissioning of the panel
-User that will be able to operate functions of the panel

Main page -> Log-in

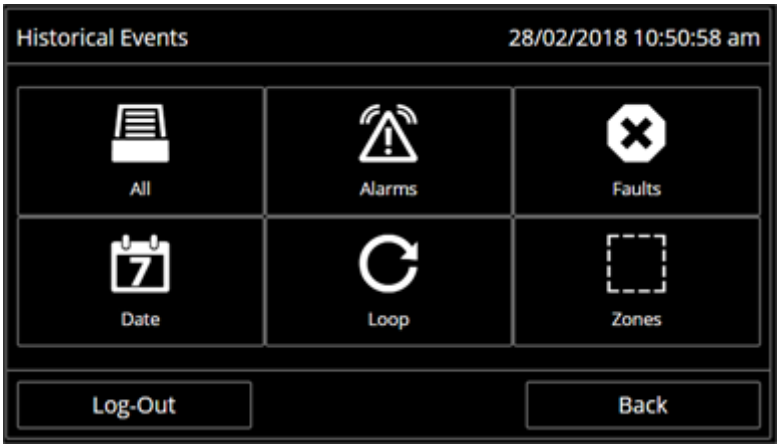


Default settings:
User Password 22222
Programmer Password 33333

You can change the password: see 6.2 Enabling users and changing login codes.

4. VIEWING EVENTS

Main menu -> Events



Field	Description
Alarms	Displays the number of devices in alarm.
Faults	Displays the number of devices in fault status.
Exclusion	Displays the number of devices disabled.
Test	Displays the number of devices under test.

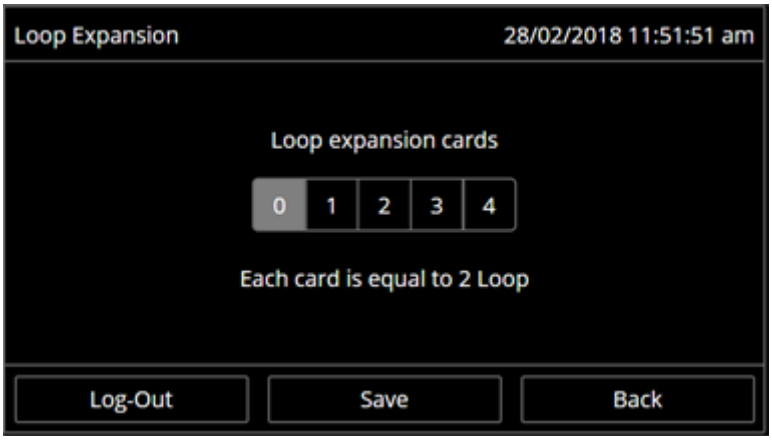
5. CONFIGURATION

5.1 Setting up additional cards

5.1.1 Adding a Loop Expansion card VT-Loop-2

The loop card installed in the panel must be manually registered on the panel for the loops to be active.

Programming menu -> Configure -> System -> Additional Cards -> Loop

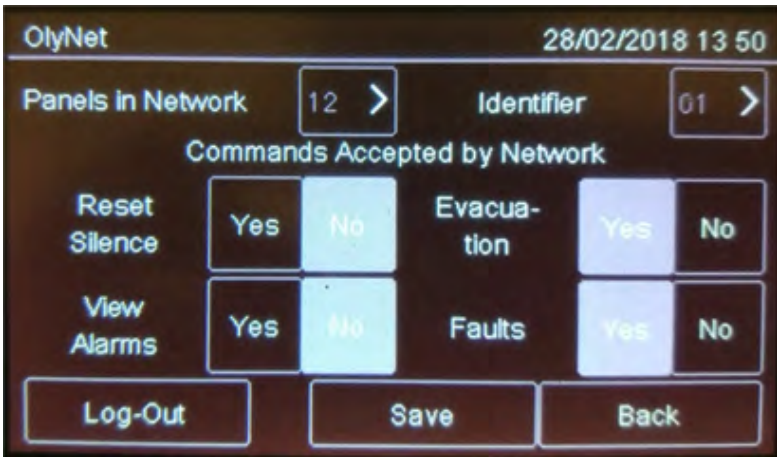


1. **Select the number of loop card installed.**
2. **Press Save to confirm.**

To remove all cards, press again the quantity again to un-highlight it.

5.1.2 Adding a CAN BUS Network card VT-Net-Card

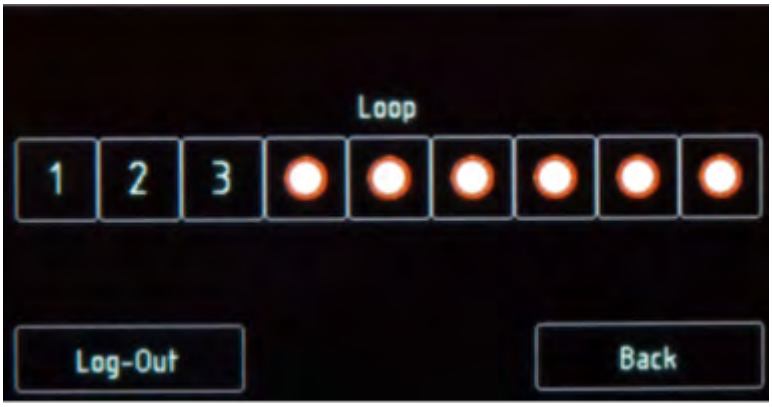
Programming Menu -> Configure -> System -> Additional Cards -> CAN BUS Network card VT-Net-Card



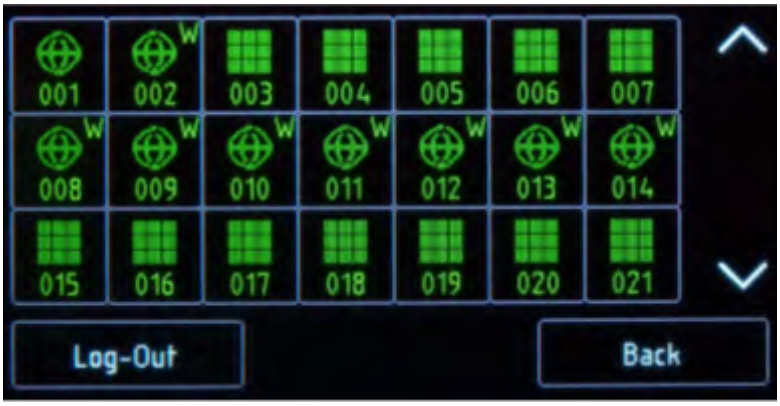
1. **Select the quantity of panels connected into the ring.**
2. **Set the ID of the panel being configured.**
3. **Set the commands accepted from the network.**
4. **Press Save to confirm.**

5.2 Read the loop contain

Programming menu -> Configure -> Auto Prog



Select the required loop: self-programming will start and the found devices will be displayed as illustrated in the example.



5.3 Detectors configuration

Programming menu -> Configure -> Devices/Zones -> Detectors

With this function it is possible to:

- add a detector
- edit an already added detector
- copy a detector setting to one or more consecutive detectors
- delete a detector

Detector parameters to be set are described below.

Parameter	Description
Name	Detector identification name
Type	Type of connected detector (Optical, Thermal, Optical/Thermal)
Radio	Identifies wireless devices. With wireless devices, an WLTM100 wire-less translator must be installed.
Verify Alarms	Enables an alarm verification procedure, for an amount of time that can be programmed using parameter Verify seconds.
Verify seconds	Interval, in seconds, during which the detector remains in alarm before the panel will display the fire alarm. If set to zero, the panel will go to alarm status only when it receives three consecutive alarms from the detector within 60 seconds from the arrival of the first one. The first two alarms received will be ignores by the panel and will reset the detector.
Sensitivity management (only for smoke detectors)	24 H: the level of sensitivity remains the set one for the entire day. Night: sensitivity increases by one step during the night. Fixed: fixed sensitivity set to Medium High. If the Night management is selected, it is also necessary to set the Weekly Trend parameter.
Sensitivity	Detector level of sensitivity (Low, Medium Low, Medium High, High)
Weekly trend	Sets the weekly trend for the detector sensitivity management. (see 10.8.1 Setting weekly trends).
Deactivate part (only for multi detector)	Day: select the part to deactivate it (smoke or thermal) Night: select the part to deactivate it (smoke or thermal) If this feature is used, it is also necessary to set the Weekly Trend parameter.
Weekly trend	Sets the weekly trend for the deactivation of part of the detector. (see 10.8.1 Setting weekly trends).

5.4 Modules configuration

Programming menu -> Configure -> Devices/Zones -> Modules

This function lets you:

- add a module
- edit an already added module
- copy a module setting to one or more consecutive modules
- delete a module

Following are the parameters to be set for all types of modules.

Parameter	Description
Name	Module identification name
Radio	Identifies wireless devices. With wireless devices, a WLTM100 wireless converter must be installed.
Type	Module type (Input, Output, Expander).

Following are the parameters to be set for an Input type module.

Parameter	Description
Alarm test	Enables an alarm verification procedure, for an amount of time that can be programmed using parameter Verify seconds.
Test seconds	Interval, in seconds, during which the detector has to remain in alarm before the panel will displayed the fire alarm. If set to zero, the panel will go to alarm status only when it receives three consecutive alarms from the detector within 60 seconds from the arrival of the first one. The first two alarms received will be ignores by the panel and will re-sets the detector.
Type	Module type (Input, Call point Gas)
Technological	Identifies the alarm signal as "technological" and thus less critical.
Pre-alarm (For Gas modules only)	Turns on the pre-alarm function When a pre-alarm event is detected: all output modules associated with the output zones where the pre alarm was triggered are turned on (see 10.5 Output zones), the unit red led blinks, if the pre-alarm is not reset during the pre-alarm time or an alarm triggers, the panel red led turns on.

Following are the parameters to be set for an Output type module.

Parameter	Description
Type	Module type (Output, Flasher, Siren, Repeater LED).
Reset sensors	This feature is usually used to reset conventional devices that are not connected directly to the loop. Every time that the panel is reset, this output will be activated for around 5 seconds.
Evacuation on	If activated, this feature will activate the output in case of an user evacuation command, also if its zone or the logic function where it is linked is not yet valid.
For Siren type modules only	
Volume	Setup sounder volume and tone

5.5 Zones configuration

Programming menu -> Configure -> Devices/Zones -> Zones

A zone is a list of devices and events that are necessary to generate partitions of the system. It is possible to link devices, loops, and events to a zone.
This function lets you:

- link events, loops and devices to the zones
- set various zone operating parameters
- link output modules to a zone

5.5.1 Link an event to a zone

Parameter	Description
Alarm	The zone is activated by an alarm of the linked devices.
Fault	The zone is activated by a fault of the linked devices.
Technological	The zone is activated by a "technological" event of the linked devic-es.
Coincidence	Programmable by event, this parameter is the number of events that must be recorded to activate the zone.

5.5.2 Linking loops to zones

Parameter	Description
All system	If Yes, all system devices will be linked to the zone. If No, select the loop that activates the zone.

5.5.3 Linking devices to zones

1. Select the Add option: a list of zones in the system is displayed.
2. Select the required zone.
3. Select the Device option.
4. Select the required loop: all devices in the loop are displayed.
5. Select all devices to be linked to the zone.
6. Press Back to save the selection.

5.5.4 Set zone operating parameters

This function lets you set weekly zone behavior. This is helpful to bypass the unit on certain days or at certain times.

Parameter	Description
Zone name	Name assigned to the zone
Weekly trend Auto-exclusion	Weekly trend linked to the zone. (see 5.10.5 Setting weekly trends).

1. Select the Add option: a list of zones in the system is displayed.
2. Select the required zone.
3. Select the Settings option.
4. Enter the required settings.
5. Press Save to confirm.

5.5.5 Link an output module to a zone

This function lets you directly link output modules to a zone. When the zone is triggered, the output modules automatically turn on.

Settings are described below.

Parameter	Description
Silence-able	If Yes, the operator can deactivate the output module (i.e.: siren) by en-tering a password. If No, to deactivate the output, it is necessary to reset the panel.

To add a zone:

1. Select the Add option: a list of zones in the system is displayed.
2. Select the required zone.
3. Select the Output Modules option.
4. Select the output module loop.
5. Select the required module.
6. Set the required parameters:
7. Press Save to confirm.

To edit a zone:

1. Select the Edit option: a list of zones in the system is displayed.
2. Select the zone to be edited.
3. To edit a linked event, see 5.5.1 Link an event to a zone for parameter descriptions.
4. To edit linked a loop: see 5.5.2 Linking loops to zones for parameter descriptions.
5. To edit linked a device see 5.5.3 Linking devices to zones for parameter descriptions.
6. To edit an operating parameter: see 5.5.4 Set zone operating parameters for parameter descriptions.
7. To edit an output module: see 5.4.5 Link an output module to a zone for parameter descriptions.

To delete a zone:

1. Select the Delete option: a list of zones in the system is displayed.
2. Select the zone to be deleted
3. To delete a single zone, press the zone twice.
4. To delete several consecutive zones, press the first and last zone in the interval.
5. Press Save to delete the zone

5.6 Output zones configuration

Programming menu -> Configure -> Devices/Zones -> Output Zones

This function lets you link output modules to output zones.

Parameter	Description
Activations	Event type that activates the zone (Alarm, Pre-alarm Gas)
Silence-able	If Yes, the operator can deactivate the output module (i.e.: siren) by entering a password. If No, to deactivate the output, it is necessary to reset the panel.

To create an output zone:

1. Select the Edit option: a list of output zones in the system is displayed.
2. Select the output zone to be edited.
3. Edit settings.
4. for parameter descriptions.
5. Press Save to confirm.

To delete an output zone:

1. Select the Delete option: a list of output zones in the system is displayed.
2. Select the output zone to be deleted
3. Press Save to delete the output zone

5.7 Logic functions configuration

Programming menu -> Configure -> Devices/Zones -> Logic functions

Logic functions are cause and effect relations between events that occur in the panel. Logic functions can put the following into relation:

- detectors
- modules
- zones
- alarms coming from the Can bus network system
- logic functions

For example, you can create a logic function in which the activation of a series of zones (inputs) activates specific outputs.

Logic operators

It is possible to link various inputs by using these logic operators:
- AND
- OR
- NOT
- XOR

Example of how to use logic operators
For each operator, below you can find an example of how they work. In these examples only two inputs elements where considered.

AND		
A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

OR		
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

NOT	
A	Y
0	1
1	0

XOR		
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

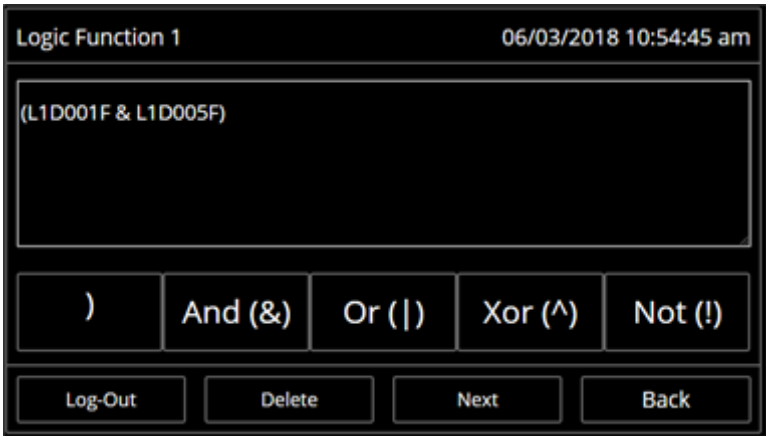
Settings

Parameter	Description
Detectors	Member loop and address
Modules	Member loop and address
Zone	Zone number
VT-IP-Card	Select the panel and the necessary device (detector, module, zone, etc…)
Event	Select the event type. • Fault • Silence • No power supply • Weekly trend
Logic func-tion	Number of another logic function that activates this one.
Delay	Delay time, in seconds, between logic function activation and output activa-tion.
Length	Output activation time, in seconds. If set to 0000, the outputs will remain active until the operator will reset them.
Output Zone Associate	Outputs activated by logic functions. These outputs must already be programmed (see 10.5 Output zones).

To create a logic function:

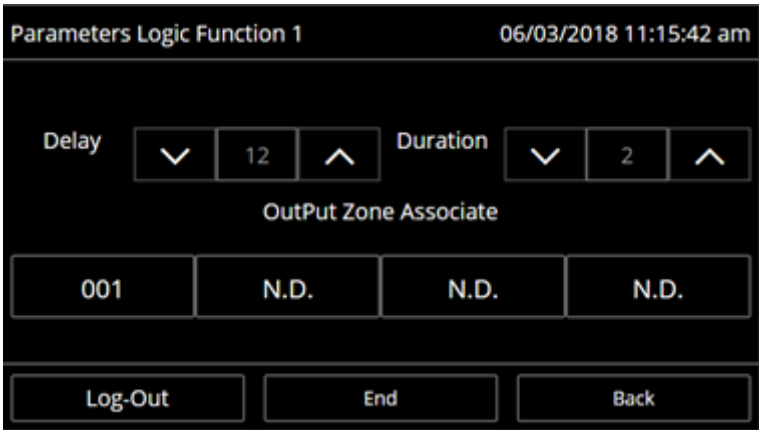
1. Select the Add option: a list of available logic functions is displayed.
2. Select the first available logic function: the page where the logic function can be built appears to delete the zone

3. Press the input that will activate the logic function. The windows required to identify the device, event or logic function appear according to the selected input.
4. For devices only, select the input status that will activate the function.
5. Build the logic relations between the events.



In the example, the logic function will be activated when sensor 001 in loop 1 triggers an alarm and detector 005.

6. Press Next to move to the next window.



7. Set the required parameters.
8. Associate Output Zone
9. Press Save to confirm.

To edit a logic function:
1. Select the Edit option: a list of available logic functions is displayed.
2. Select the logic function to be edited.
3. Edit settings.
4. Press Save to confirm.

To delete a logic function:
1. Select the Delete option: a list of available logic functions is displayed.
2. Select the logic function to be deleted
3. Press Save to delete the logic function.

5.8 Setting system parameters

5.8.1 Setting the language

Programming menu -> Configure -> System -> General ->

Select the required language: the selected language is immediately applied.
The available languages) are Italian, English, Turkish, French, Farsi, Arabic, Polish, Estonian, Romanian, Portuguese.

5.8.2 Entering panel information

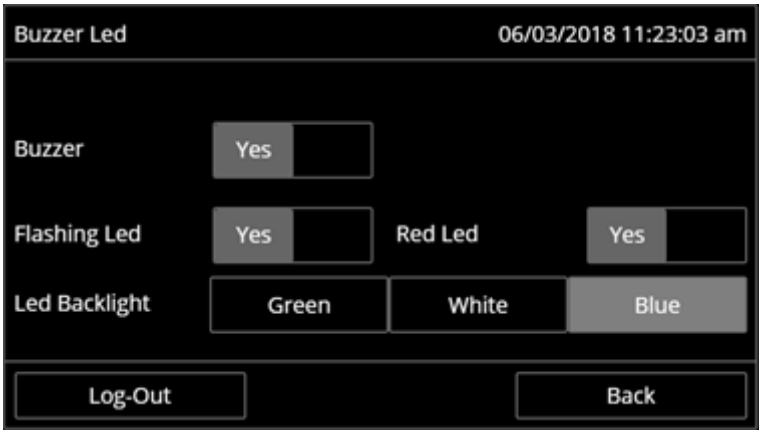
Programming menu -> Configure -> System -> General -> Panel info

Parameter	Description
Panel name	Name assigned to the unit
Support cen-ter	Service center contact data
Background	Control panel background color (black, blue, green)
Logo Custom	Insert the password to personalize the panel with the customized logo.

5.8.3 Setting led and buzzer behavior

Programming menu -> Configure -> System -> General -> Buzzer-led

The buzzer can be turn On and off from the menu below
The loop devices can have their LED blinking tweaked the way the user see fit



Parameter	Description
Buzzer	Enables the panels buzzer. The buzzer sounds in the event of fault or alarm.
Blinking led	Activates the blinking led function on devices installed on the loop. The led blinks when queried by the panel.
Red led	Sets the device led blink color to red. The led blinks when queried by the panel. Activate in systems with sensors without built-in insulator.
Led Backlight	Sets the panels back light color (green, white, blue). Press the set colour to deactivate the LED backlight.

5.8.4 Setting remote communications

Programming menu -> Settings -> System -> General -> Supervision

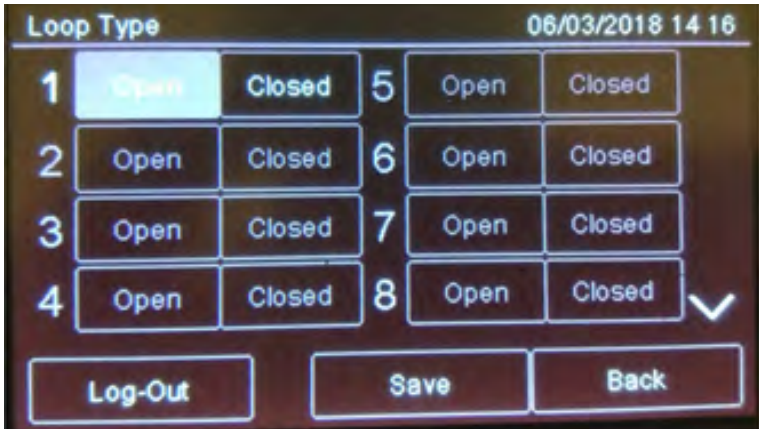
This function lets you set parameters for communications with the unit via LAN or RS-232. This way the unit can be remotely monitored or programmed.

Parameter	Description
Baud Rate	Select one of the available options (9600, 19200, 38400, 57600). Select the highest value for faster connections. If a VELOXTouch LAN card (VT-IP-Card) is installed, set the same parameter for the network card.
Physical ad-dress	Physical supervisor address
Logic ad-dress	Logic supervisor address

5.8.5 Setting loop features

Programming menu -> Configure -> System -> General -> Loop type

You can specify if the architecture of the loops in the system is closed or open.



Follow the menu and press save when you have selected the settings of the loops.

5.8.6 Restoring factory settings

Programming menu -> Configure -> System -> Values Factory

This function lets you restore factory settings
Once this procedure is launched it cannot be interrupted, all setting changes will be deleted.

5.8.7 Setting peripheral features

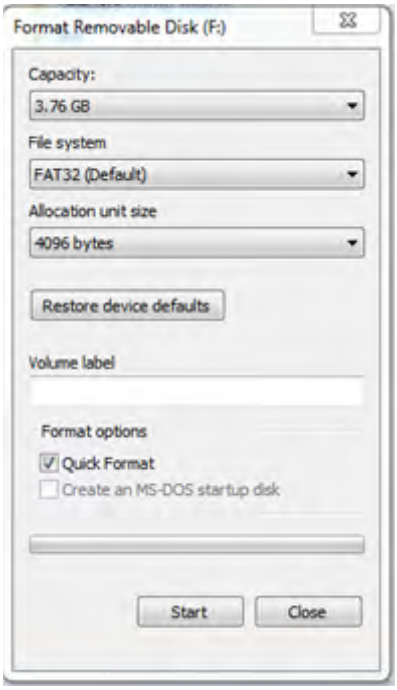
Programming menu -> Configure -> System -> Peripherals

This function will allow to set the number of peripherals in the system connected via RS-485 serial line.

5.9 Exporting Data

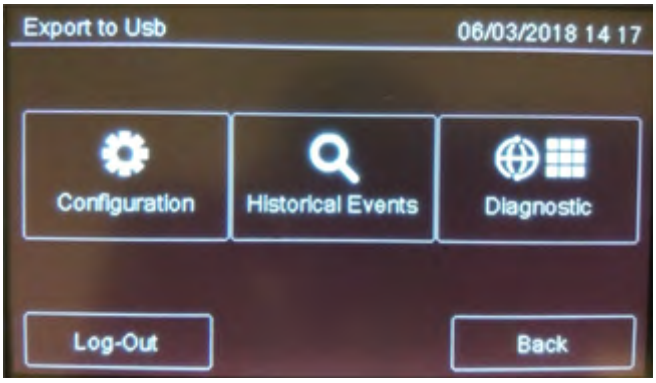
5.9.1 Setting up USB drive

To be able to be recognised by the panel a compatible USB pen drive should be setup like this:
- Max Capacity 16GB
- Format of file system: FAT32, 4096-byte allocation table



5.9.2 Exporting data

Programming menu -> Configure -> System -> USB -> Export



Configuration: Exports a file that contains the main configuration of the panel. Will be saved on the USB support in own format not modifiable, with name “ONELOOP.CFG”.
Events: “EVNTLOG.CSV” file will be created and will be able to be edited by Microsoft Excel.
Diagnostics: “1DIAGLP.CSV” file will be created and will be able to be edited by Microsoft Excel.

5.9.3 Importing data

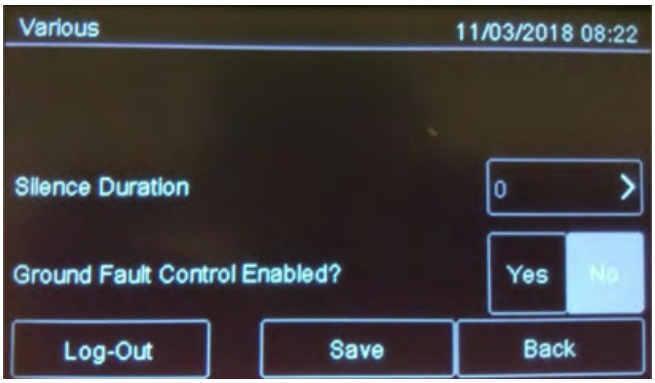
Programming menu -> Configure -> System -> USB -> Import

This function will allow to import a previously saved configuration, file from a USB support to the panel.

A configuration file called “ONELOOP.CFG” must be exist in the inserted USB support root. The panel configuration will be overwritten with the one in the USB support. The importing time is around 20 seconds. After the importing, the panel will restart with the new configuration.

5.9.4 Various system settings

Programming menu -> Configure -> System -> General -> Miscellaneous



Parameter	Description
Silencing time	Buzzer mute time in the event of persistent alarm. The buzzer restarts after this time if the alarm is not reset.
Ground Fault Control	Runs the ground fault test to check for mains power ground dispersions and loop signal grounding. Activate this option to debug installation errors, especially short circuits between grounding and unit signals (such as, for example, a contact between cable shield and conductor).

5.10 Setting the calendar.

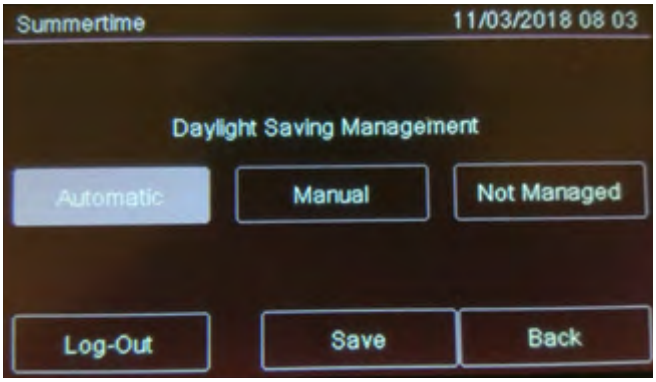
5.10.1 Setting the date and time

Programming menu -> Configure -> Date & Time -> Date and Time

1. Set the current date and time.
2. Press Save to confirm.

5.10.2 Setting daylight savings time

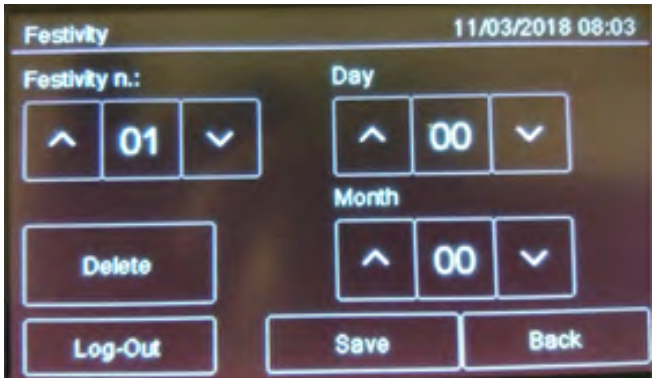
Programming menu -> Configure -> Date & Time -> Summertime



Parameter	Description
Automatic	The panel automatically switches to daylight savings time.
Manual	Manually set the month and day daylight savings time starts and ends.
Not managed	Function not enabled, no daylight savings time period is calculated.

5.10.3 Setting holidays

Programming menu -> Configure -> Date & Time -> Holidays
This function lets you program holidays.



Parameter	Description
Holiday no.	Holiday ID (1-12)
Day	Holiday day
Month	Holiday month

5.10.4 Setting time intervals

Programming menu -> Configure -> Date & Time -> Time Slot ->

This function lets you set up to 255 daily time intervals.

To create a new time interval:
1. Select the Add option: the list of time intervals is displayed.

2. Select a time interval not set.
3. Set the start date and time [1] and end date and time [2] for the time interval.
4. Press Save to confirm.

To edit an existent time interval:
1. Select the Edit option: the list of time intervals is displayed.
2. Select the time interval to be edited.
3. Change the start and end times.
4. Press Save to confirm.

To delete an existent time interval:
1. Select the Delete option: the list of time intervals is displayed.
2. Select the time interval to be deleted.
3. Press Save to confirm.

5.10.5 Setting weekly trends

Programming menu -> Settings -> Date & Time -> Weekly trends

This function lets you link previously created time intervals to days of the week.

To create a new weekly trend proceed as following:

1. Select the Add option: the list of weekly trends is displayed.

2. Select a weekly trend not set.
3. Select the time interval to be linked for each day of the week. See 10.8.1 Setting time intervals on how to create time intervals.
4. Press Save to confirm.

To edit an existent weekly trend:
1. Select the Edit option: the list of weekly trends is displayed.
2. Select the weekly trend to be edited.
3. Edit the time intervals linked to the days.
4. Press Save to confirm.

To delete an existent weekly trend:
1. Select the Delete option: the list of weekly trends is displayed.
2. Select the weekly trend to be deleted.
3. Press Save to confirm.

6. USE

6.1 Viewing events

Event Log Menu
The Event Log menu lets you view events logged by category. See 9.1.1 Viewing events for a description of the displayed information.

6.1.1 Exporting data

User menu -> Maintenance -> Export -> Events

This function will allow to export the event memory from the panel to a USB support.
The panel is compatible with USB supports with a capacity until 16Gb formatted in FAT32 with 4096-byte allocation table. It is necessary to format the device in such way with a PC.

Procedura

- Insert a compatible USB support by using a Mini-USB to USB adaptor.
- Go to the declared menu

Selecting “Events”, a .csv format file will be saved on the USB support, that can be opened with a software like Excel, called “EVNTLOG.CSV”.

If a file called “EVNTLOG.CSV” is already existing in the inserted USB support root, it will be overwritten, losing any previous past data exportation. Exporting time depends on the amount of events in memory. A panel with a full memory is around 60 seconds.
To avoid data corruption, do not disconnect the USB support, do not stop the exporting procedure and do not turn off the panel.

6.2 Enabling users and changing login codes

Only the Programmer operator can enable or disable user operator login. Each operator can change their personal login code.

6.2.1 Programmer

Programming menu -> Configure -> Password

To enable User login:
1. Set all Users who need to login to the unit to Yes.
2. Press Save to confirm.

To change the Programmer login code:
1. Select the Change option: the code change page is displayed.
2. Insert the new code.
3. Confirm the new code to save it.

6.3 Managing alarms

In case of alarm received from any device, the panel will activate immediately the internal siren output and will turn on the red LED on the front panel.
The device in alarm status will turn on its red LED.

6.3.1 Mute alarms and the unit

User menu -> Silence

Once this key is pressed, it is transformed into Rearm.

This function lets you temporarily mute system and panel alarms to check if a fire has broken out and reset them if necessary.

Procedure

In the event of false alarm:
Reset the panel (see 6.3.2 Reset alarms and the unit).
In the event of real alarm:
Press the Siren Reset key to turn sirens back on.

6.3.2 Reset alarms and the unit

User menu ->Reset

This function resets triggered alarms and the unit.

6.3.3 Evacuation

User menu ->Evacuation

This feature will put the panel into evacuation mode, activating all the outputs/sirens properly configured.
It is available only with at least one alarm active.
By activating the evacuation all the output modules programmed as “Activate evacuation”
(see 5.4 Modules) will be activated, even if their zone is not active, and if the logic function where they are linked to is not yet valid.

6.4 Checking device status

6.4.1 Check loop status

Maintenance -> Loop -> Status

Select the required loop: loop type and status are displayed.

6.4.2 Resetting a loop

Maintenance -> Loop -> Reset
Select the required loop: this is automatically reset.

6.4.3 Run device diagnostics

Maintenance -> Diagnostics

This function lets you check connected device cleanliness.

Sensor status is indicated by the following colors:

Color	Description
	Clean detector
	Medium clean detector
	Almost dirty detector
	Dirty detector

1. Select the required loop: all connected devices are displayed.
2. Press a single sensor to view details.

6.4.4 Diagnostics export.

User Menu -> Maintenance-> Export -> Diagnostics

This function will allow to export the device diagnostics connected to the panel, to a USB support.

- Insert a compatible USB support by using a Mini-USB to USB adaptor.
- Go to the declared menu
- Select the desired loop.
- On the USB support a .csv format file will be created, that can be opened with a software like Excel, called "1DIAGLP.CSV", where the number in front of the file is the selected loop of the panel.

If a file called "xDIAGLP.CSV" is already existing in the inserted USB support root, it will be overwritten, losing any previous past data exportation. Exporting time depends on the number of devices connected to the desired loop. A loop with 240 devices connected, the exporting time is around 240 seconds.

6.5 Testing devices

6.5.1 Running a Walk Test

Maintenance -> Test -> Sensors/Modules -> Walk Test

Walk test is used to check that the devices are functional without triggering a general alarm.
Different types of tests can be run:

- Single: used to test only one device.
- Zone: used to test devices in a specific zone.
- Loop: used to test devices in a specific loop.

The results are indicated by a color for all tests.

Color	Description
	Test successfully completed.
	Device still not gone to alarm status.

To run a single test:
1. Press the Single option.
2. Select the device loop and address.

To run a zone test:
1. Press the Zone option.
2. Select the required zone.

To run a loop test:
1. Press the Loop option.
2. Select the desired loop.

6.5.2 Testing the connection with modules and sensors

Maintenance -> Test -> Sensors/Modules -> Sensors/Modules

Connection status is indicated by a color for all devices.

Color	Description
	Device correctly connected.
	Device connection error

To test the device connection:
1. Select the desired loop.
2. Select the device address: the connection status with each loop device is displayed by a color.

6.5.3 Identifying conflicts

Maintenance -> Test -> Conflicts

This function lets you check whether two devices have the same address on the same loop, in the system.
1. Select the loop with potential conflicts
2. If several devices are displayed with the same address, change one.

6.5.4 Identifying mismatches

Maintenance -> Test -> Mismatch

This function lets you check whether the device on the loop correspond really to the device typology configured in the panel (for example, whether a detector was programmed as a module or vice versa).
1. Select the loop where mismatches are searched for: any mismatch is automatically displayed.
2. Correct any found mismatch.

6.5.5 Testing led operations

Maintenance -> Test -> Led

This function lets you check whether all the LEDS on the panel and the RGB display values are correctly working.

6.6 Disable system elements

Maintenance -> Exclusions/Inclusions

 Disabled devices do not send any alarm or fault signal. This compromises system safety. Only disable a device with strictly necessary and re-include it as soon as possible.
This function lets you bypass and re-include one or more-unit devices. This feature will ignore any information received by the excluded device.

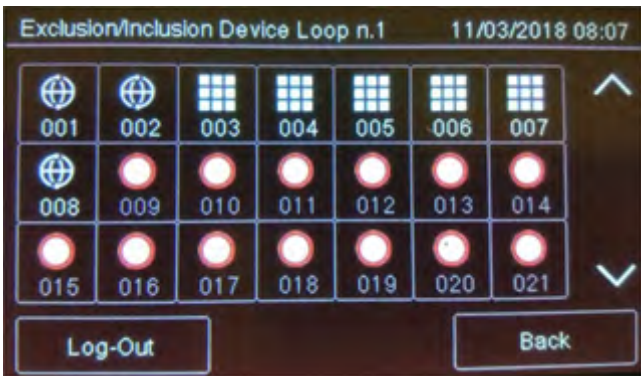
It is possible to disable:
- devices
- loop
- zones
- output zones
- additional boards (Function not yet available)

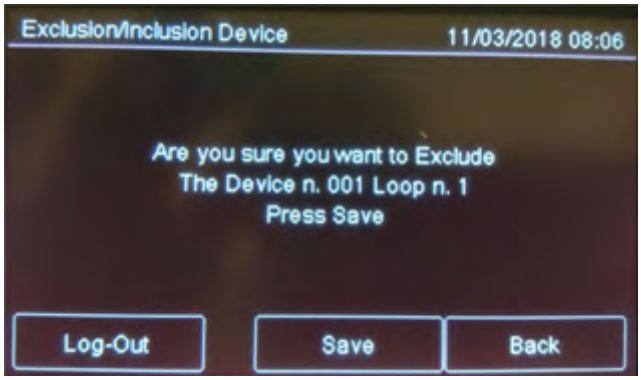
Symbol	Element condition
	Disabled element (detector in the example)
	Enabled element (detector in the example)

6.6.1 Disabling/Enabling a device

Maintenance -> Exclusions/Inclusions -> Devices

To disable a detector:
1. Select the loop that contains the device to be bypassed.
2. Select the device to be bypassed.
3. Press Save to confirm. Sensor 001 is bypassed in the example.





To enable a previously bypassed detector:
1. Select the loop that contains the device to be included.
2. Select the bypassed device to be included.
3. Press Save to confirm.

6.6.2 Disabling/Enabling a loop

Maintenance -> Exclusions/Inclusions -> Loop

Warning: bypassing a loop automatically bypasses all devices connected to it.

To disable a loop:
1. Select the loop to be bypassed.
2. Press Save to confirm. Loop 1 is bypassed in the example.

To enable a previously bypassed loop:
1. Select the bypassed loop to be included.
2. Press Save to confirm.

6.6.3 Disabling/Enabling a zone

Maintenance -> Exclusions/Inclusions -> Zone

To disable a zone:
1. Select the zone to be bypassed:
2. Press Save to confirm.

To enable a previously bypassed zone:
3. Select the bypassed zone to be included.
4. Press Save to confirm.

6.6.4 Disabling/Enabling an output

Maintenance -> Exclusions/Inclusions -> Outputs

To disable an output:

1. Select Yes for each output to be bypassed.
2. Press Save to confirm.

To enable an output:

1. Select No for each output to be included.
2. Press Save to confirm.

6.6.5 Disabling/Enabling a board

Maintenance -> Test -> Mismatch

This function lets you check whether the device on the loop correspond really to the device typology configured in the panel (for example, whether a detector was programmed as a module or vice versa).

1. Select the loop where mismatches are searched for: any mismatch is automatically displayed.
2. Correct any found mismatch.

6.5.5 Testing led operations

Maintenance -> Exclusions/Inclusions -> Additional boards

Function currently unavailable.

6.7 Modify a user password

Maintenance -> Exclusions/Inclusions

This feature will permit to modify the password of the logged user.

To modify the User password:

1. Select the Change option: the code change page is displayed.
2. Insert the new code.
3. Confirm the new code to save it.

This new code must be used at the next login
Each user can modify their password. To activate other users (max 3) see paragraph 11.2.

7. Warranty Restrictions

ATEIS Middle East FZCO. is not liable for direct or indirect damages to people or property due to equipment use in conditions other than those intended.
Qualified personnel must install this equipment strictly following the instructions in this manual and according to local laws, standards and safety regulations in effect.
This product is guaranteed against material and factory defects for 12 months from inspection date. The warranty does not cover defects due to:

- Improper use and neglect.
- Damages due to exposure to the elements.
- Vandalism.
- Material wear.

The warranty is invalid when faults are due to improper use or operating procedures not contemplated in this user manual.

8. Technical support

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