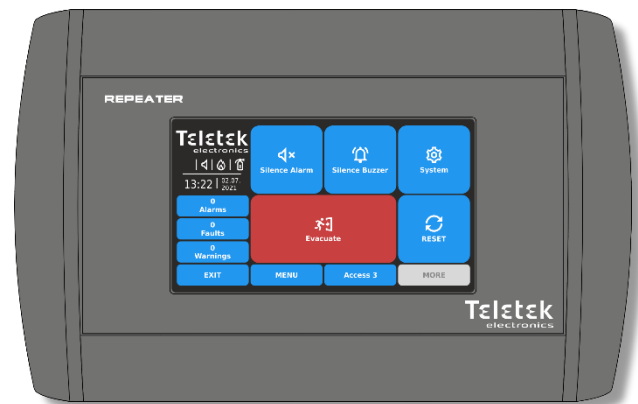


IRIS/SIMPO Repeater

Addressable Fire Alarm Repeater Panel

Model: TFT



User Operation & Maintenance Programming Manual

Attention:

This manual contains information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer. The entire manual should be carefully read.

The information in this manual is a subject to change without notice!

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DoP No: 138

Teletek Electronics JSC

Bulgaria, Sofia 1407, 14A Srebarna Str., Tel.: +359 2 9694 800, Fax: +359 2 962 52 13

e-mail: info@teletek-electronics.bg

IRIS/SIMPO Repeater

Intended for use in fire detection and fire alarm systems in and around buildings.

GUARANTEE

The guarantee terms are determined by the serial number (barcode) of the electronic device!

During the guarantee period the manufacturer shall, at its sole discretion, replace or repair any defective product when it is returned to the factory. All parts replaced and/or repaired shall be covered for the remainder of the original guarantee, or 6 months, whichever period is longer. The original purchaser shall immediately send manufacturer a written notice of the defective parts or workmanship.

INTERNATIONAL GUARANTEE

Foreign customers shall possess the same guarantee rights as those any customer in Bulgaria, except that manufacturer shall not be liable for any related customs duties, taxes or VAT, which may be payable.

GUARANTEE PROCEDURE

The guarantee will be granted when the appliance in question is returned. The guarantee period and the period for repair are determined in advance. The manufacturer shall not accept any product, of which no prior notice has been received via the RAN form at: <http://teletek-electronics.com/en/ran-form>

The setup and programming included in the technical documentation shall not be regarded as defects. Teletek Electronics bears no responsibility for the loss of programming information in the device being serviced.

CONDITIONS FOR WAIVING THE GUARANTEE

This guarantee shall apply to defects in products resulting only from improper materials or workmanship, related to its normal use. It shall not cover:

- Devices with destroyed serial number (barcode);
- Damages resulting from improper transportation and handling;
- Damages caused by natural calamities, such as fire, floods, storms, earthquakes or lightning;
- Damages caused by incorrect voltage, accidental breakage or water; beyond the control of the manufacturer;
- Damages caused by unauthorized system incorporation, changes, modifications or surrounding objects;
- Damages caused by peripheral appliances unless such peripheral appliances have been supplied by the manufacturer;
- Defects caused by inappropriate surrounding of installed products;
- Damages caused by failure to use the product for its normal purpose;
- Damages caused by improper maintenance;
- Damages resulting from any other cause, bad maintenance or product misuse.

In the case of a reasonable number of unsuccessful attempts to repair the product, covered by this guarantee, the manufacturer's liability shall be limited to the replacement of the product as sole compensation for breach of the guarantee. Under no circumstances shall the manufacturer be liable for any special, accidental or consequential damages, on the grounds of breach of guarantee, breach of agreement, negligence, or any other legal notion.

WAIVER

This Guarantee shall contain the entire guarantee and shall be prevailing over any and all other guarantees, explicit or implicit (including any implicit guarantees on behalf of the dealer, or adaptability to specific purposes), and over any other responsibilities or liabilities on behalf of the manufacturer. The manufacturer does neither agree, nor empower, any person, acting on his own behalf, to modify, service or alter this Guarantee, nor to replace it with another guarantee, or another liability with regard to this product.

UNWARRANTED SERVICES

The manufacturer shall repair or replace unwarranted products, which have been returned to its factory, at its sole discretion under the conditions below. The manufacturer shall accept no products for which no prior notice has been received via the RAN form at: <http://teletek-electronics.com/en/ran-form>.

The products, which the manufacturer deems repairable, will be repaired and returned. The manufacturer has prepared a price list and those products, which can be repaired, shall be paid for by the Customer. The devices with unwarranted services carry 6 months guarantee for the replaced parts.

The closest equivalent product, available at the time, shall replace the products, the manufacturer deems un-repairable. The current market price shall be charged for every replaced product.

STANDARDS AND CONFORMITY

The Repeater TFT panel conforms and approved in accordance with CPR (Construction Products Regulation).

DOCUMENTATION FEEDBACK

If you have any comments or suggestions on our products' manuals or installation instructions you can email us on: info@teletek-electronics.bg

Your feedback on product documentation will help us to improve the contents of our manuals and stickers and keep them up-to-date.

Please, include in your feedback email the product name, the revision of the manual or instruction (8-digit number with Revision and date of issue) and the page number.

1. INTRODUCTION

1.1. General Description

IRIS/SIMPO Repeater is a control panel for remote indication of fire alarm, fault, trouble, warning and other type of events, reported from iRIS8, SIMPO and other Repeater panels connected into one common network. The IRIS/SIMPO Repeater can operate only as a part of a network. It repeats the status of the connected fire panels and informs for events.

Up to 64 panels can operate in a single network, including IRIS/SIMPO Repeater, iRIS8 and SIMPO fire alarm panels. The connection in the network between the panels can be realised via LAN or RS485 communication protocol. Only one type of connection can be used in a single network.

1.2. Basic Operation Features

Using IRIS/SIMPO Repeater panel, the Users can perform:

- *Evacuation Fire Alarm* of the protected sites to all connected fire panels or some of them.
- *Silence Alarm* in the protected sites for all connected fire panels or some of them.
- *Silence Buzzer* of the Repeater or other fire panels in the network.
- *Reset* the Repeater or other fire panels in the network.
- *Review events* in the network.
- *Programming* some basic parameters of the Repeater.

1.3. Model with TFT Screen

The model of IRIS/SIMPO Repeater with TFT control screen, presents clear view and user-friendly interface for operation. It is recommended to use touch pen to avoid damage and contamination of the sensitive TFT screen during operation.

Do not use sharp instruments for pressing the screen, like screwdrivers, tweezers or pliers, because they can scratch or break the plastic surface of the screen and the panel to become not operatable!

Attention: The enclosure box is not waterproofed! Clean the plastic surface with a wet cloth only, and the TFT screen with cleaning sprays or foams containing no solvents (alcohol, acetone, ammonia, etc.).

1.4. Control Access Levels

There are three access levels for control in IRIS/SIMPO Repeater with different functionalities and rights for operation. Four access codes can be set with different access level for users.

The default code combinations (factory set) with set access levels are presented in the following table.

Access Level	Description	Factory Code	Access and Functionalities
1	User	0000 1111	Only Silence buzzer and Evacuate* buttons are active. It is not allowed to enter Maintenance and Programming access levels. <i>* Just for those cases, when there is active fire alarm signal, received from a loop device.</i>
2	Maintenance	2222	Silence buzzer, Silence sounders, Reset and Evacuate buttons are active. Maintenance access level entry, which allows partial programming and menu settings.
3	Installer	3333	Silence buzzer, Silence sounders, Reset and Evacuate buttons are active. Installer access level entry, which allows full programming and settings.

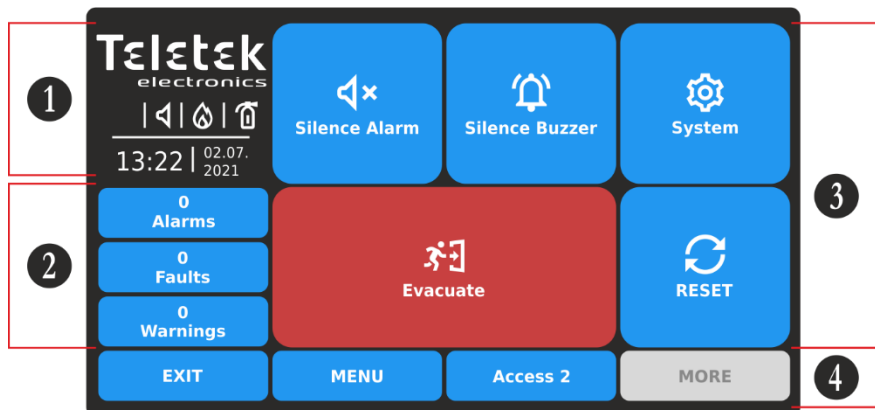
All access levels have rights for reviewing the active events for Alarms, Faults, Disablements, Tests and Warnings, received from other panels connected in the network. The reviewing of events is described in details in item [2.3](#).

2. PANEL INTERFACE

Attention: The factory default language is set into English. You can change the language only from the installer’s programming menus at access level 3! Ask you installer or support engineer for details.

2.1. Interface Elements

There are different active sections on the Repeater screen, according the current set Access Level for operation. The available interface elements have the following meaning.



1 – Status Icons Section.

2 – Section for reviewing the current active events for the Repeater panel and the other connected fire panels in the network.








3 – Section with Operation buttons.

4 – Section with Functional buttons.

2.2. Status Icons Section
















In the status section are presented the current time and date (see also items [4.1](#) and [4.2](#)) and a dynamic field with icons showing the current status of the connected fire panels to the Repeater. The icons are changing according the received Alarm, Fault, Disable or Reset events from the connected fire alarm panels. The Alarm indication is with the highest priority.

The icons for current status of the Repeater or Alarm situation are displayed at the left side of the section and have the following meaning:

Icon	Description
	Loading data; Resetting. The icon is flashing until the process is over.
	Saving configuration. The icon is active during running of saving data process.
	Fault condition of the Repeater or other panel in the network. The type of the fault event is reviewed in the events list, after pressing FAULTS button – item 2.3 .
	Evacuation time for leaving the premises is running on. The icon is flashing together with the other active icons and back counting time for leaving the premises before outputs* activation. 
	Set Delay for outputs* activation. The icon is flashing, changing with the icon for evacuation. 

* Outputs type Sounder, Fire and Extinguishing of the fire alarm panel which sends the fire alarm event.

The icons for current status of the connected fire alarm panel(s) have the following meaning:

Type	Icon	Mode	Description
Sounders (loop devices, panel outputs*)		Standby	Not activated Sounder outputs.
		Fault	Not activated Sounder outputs; fault detected.
		Fire alarm	Activated Sounder outputs.
		Fire alarm	Activated Sounder outputs in fault.
		Disabled**	Sounder outputs are disabled.
Fire Brigade Output (panel*)		Standby	Standby mode, not activated Fire Brigade output.
		Fault	Not activated Fire Brigade output; fault detected.
		Fire alarm	Activated Fire Brigade output.
		Fire alarm	Activated Fire Brigade output in fault.
		Disabled**	The Fire Brigade output is disabled.
Fire Protection (Extinguishing) Output (panel*)		Standby	Not activated Fire Protection output.
		Fault	Not activated Fire Protection output; fault detected.
		Fire alarm	Activated Fire Protection output.
		Fire alarm	Activated Fire Protection output in fault.
		Disabled**	The Fire Protection output is disabled.

* Sounder loop devices and outputs type Sounder, Fire Brigade and Fire Protection (Extinguishing) of the fire alarm panel(s) connected to the Repeater.

** **Attention:** The Repeater indication shows that there is one or more fire panels in the network with disabled for operation output. You can check the DISABLE events menu to review the numbers of these panels.

2.3. Events Reviewing

NOTE: The Repeater can display messages for events from other panels in the network, if it is programmed (enabled) to receive commands from them. The settings for Receiving and Sending commands are programmed at Installer's Access Level 3.

The messages for events are displayed on the screen according their priority for indication. They can be reviewed at any time with no matter of the set Access level.

Indication – Events type	Priority
ALARMS	The highest
FAULTS	High
DISABLE	Normal
TESTS	Normal
WARNINGS	Low

When no events are registered in the network, the screen displays just active buttons for Alarms, Faults and Warnings. In case of receiving an event, the Repeater will show them in a respective priority on the main screen. The number of events is shown on the top of the button. The button for Alarm events is always active on the top of the list. In case of no Faults, but active Disablements and Warnings in the network the list will be reordered.

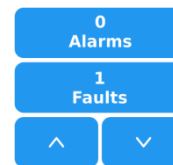
Only three fields for reviewing events can be displayed at the same time on the screen. If there are more type of events to review, then the User can use the buttons with arrows to scroll up and down the active fields. See the following examples:



No events in the network. By default, the buttons for Alarms, Faults and Warnings are displayed.



Active events for Faults and Disablements only. No active Warning events. The Disablements events are displayed, because of their higher priority.



Active events for Faults and other type of events in the network. The other type of events can be reviewed with up and down buttons. The order for displaying is according their priority for indication.

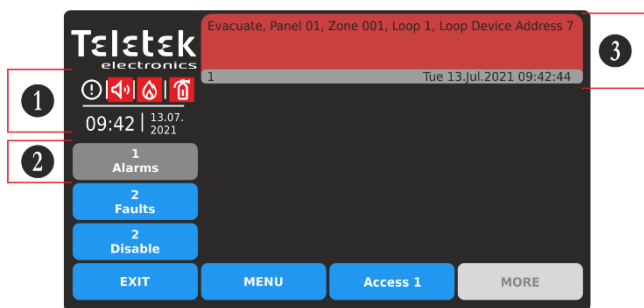
The buttons are changing their color according the performed action – active Alarm or pressed button.

Button	Color	Description
	blue	Active, not pressed button for Faults, Disable, Test and Warnings events. No active Alarm events.
	grey	Active, pressed button for Alarms, Faults, Disable, Test and Warnings events. The list with messages for events is available on the right side on the screen.
	red	Active, not pressed button for Alarm events.

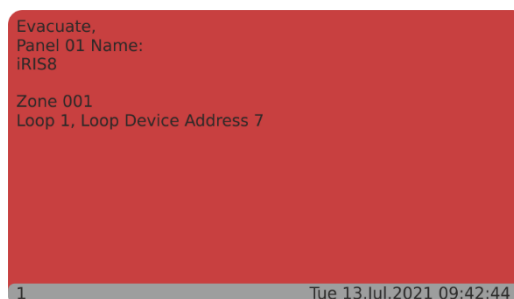
To review the list with messages, press the respective active button for an event type. The events are displayed with a color code for easy recognition:

Indication – Events type	Color for the messages list
ALARMS	Red
FAULTS	Yellow
DISABLE	Yellow
TESTS	Grey
WARNINGS	Grey

In case of incoming Alarm or Fault type messages, the Repeater panel will automatically switch on the screen in Events Reviewing Mode and will show the message contents on the right side of the screen.

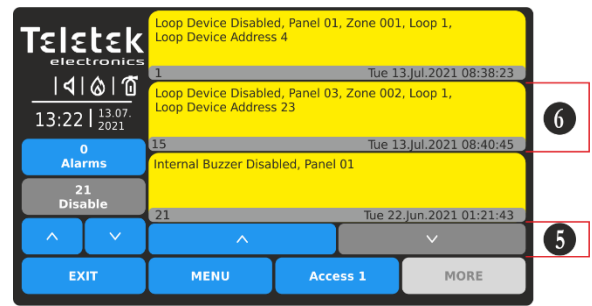
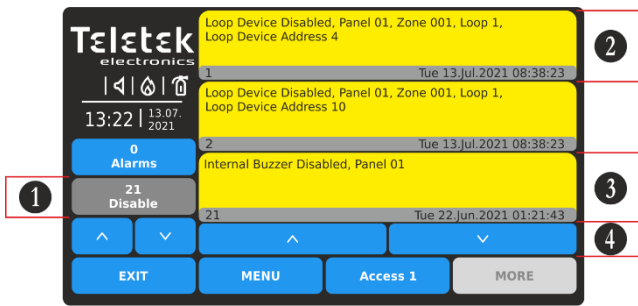


- 1 – Alarm Mode. Activated sounders and fire panel outputs.
- 2 – Selected button for reviewing the Alarm messages.
- 3 – Alarm event message (displayed with number, date and time). Press the red field to expand the message contents.



In the expanded screen are shown more details for the Alarm event: Type of the event; Number and Name of the panel in the network which sent the Alarm event; Number of the activated zone and loop in the same fire panel; address number of the activated device.

In the messages list, can be reviewed up to three messages for events at the same time. If more events are active, the screen shows the newest (1), second and the oldest one. With the arrow buttons, the User can review the rest of the events scrolling up and down, as the numbers are displayed in the middle, between the newest and the oldest event.



- 1 – Selected button for review of the Disable messages.
- 2 – The Newest event, displayed first in the list (1).
- 3 – The Oldest event, displayed last in the list (21).
- 4 – Buttons for reviewing the rest of the events.

- 5 – Press the down arrow button to scroll down the list.
- 6 – The events are displayed in the middle.
- To scroll up the list, press the up arrow button.

You can view details for each message with pressing its field and continue to review the list using the arrow buttons under the expanded area.

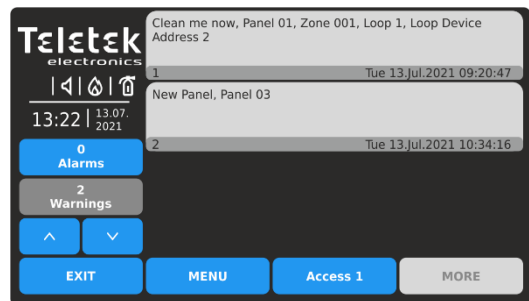


Expanded view for the newest event (shown as 1) in the Disable events list. You can use the down arrow button to review the next event.

Press the down arrow button to review the rest of the events one-by-one. Use the up arrow button to move back.

To return back to the screen with list, press the expanded screen of the message.

The messages for Test and Warning events are with the lowest priority. The list with the events is not displayed automatically and the User has to press the respective button to review them. The list is in grey color.



Reviewing the list with Test type events.

Reviewing the list with Warning type events.

To exit to the main screen press, EXIT or MENU functional buttons.

Attention: At Access Level 1, and active events for Faults and/or Disablements, the Repeater always will switch on from Main Screen to the messages list automatically after 20 seconds.

At Access Level 2 and Access Level 3 the Repeater will switch on to the messages list only in case of new events for Alarm, Fault or Disablement.

2.4. Main Functional Buttons

The action of the functional buttons is common at all Access Levels and programming menus.

Button	Color	State	Description
Access 1	blue	Active	Button for changing the User Access Level.
MENU	blue	Active	Quick button for return to Main Screen.
EXIT	blue	Active	Step back in programming menus. Cancelling the introduced changes.
MORE	grey	Not active	Idle button, with no function.

2.5. Sound Signalization

The IRIS/SIMPO Repeater panel is equipped with internal buzzer for sound signalization in case of events.

Signalization	Description
Button	Single short beep indicating the pressing of a button.
Reset or Event	Single long beep indicating reset of the Repeater or receiving of message for Disable, Test or Warning event.
Technical trouble	Short beeps in case of receiving of messages for Fault event (for the Repeater itself or for other fire alarm panels in the network). The beeps can be stopped from Access Level 2 and 3 after performing Silencing Buzzer* – see item 3.2.1 . The beeps will stop when the technical trouble is restored and the fault event is cleared automatically from the Faults list.
Fire Alarm	Continuous sound signal for activated Fire Alarm from zone or Evacuation. The sound can be stopped from Access Level 2 and 3 after performing Silencing Buzzer* – see item 3.2.1 .

*** Note:** The Buzzer Sound signalization of the Repeater panel can be silenced from all other panels connected in the network. The Buzzer Sound signalization of the Repeater itself can be enabled or disabled for operation from the installer’s programming menus only!

3. USER OPERATION

In Operation section (see the screen in item [2.1](#)), the User can perform different actions, according set Access Level – see the table in item [1.4](#).

IMPORTANT NOTES:

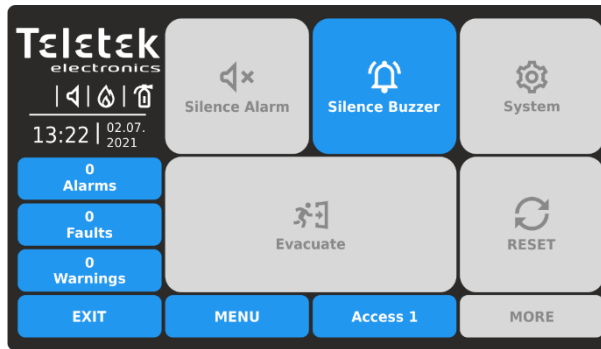
- The Repeater can perform **SILENCE BUZZER, SILENCE ALARM, RESET and EVACUATE** actions to other panels in the network only when it is programmed (enabled) to send commands to them.
- The Repeater can receive and display messages for events from other panels in the network only when it is programmed (enabled) to receive commands from them.
- Only panels enabled for receiving commands from other panels in the network will perform the sent command.
- The settings for Receiving and Sending commands are programmed at Installer’s Access Level 3.

3.1. Access Level 1

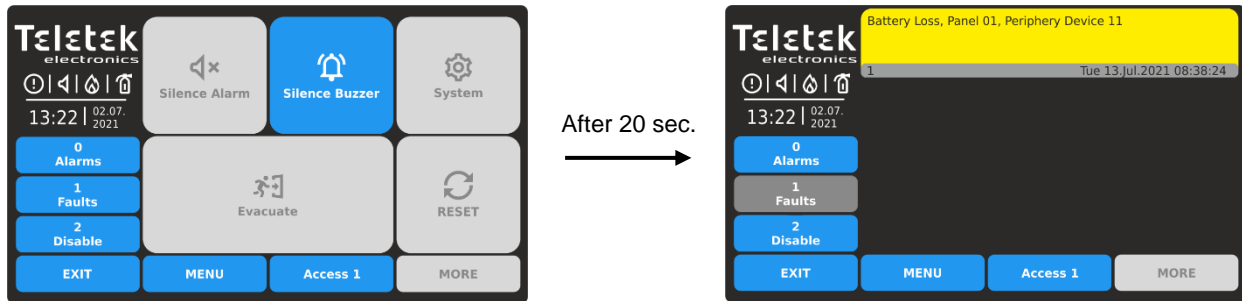
At Access Level 1 the users can perform:

- Review events in the network – see the details in item [2.3](#).
- Silence Buzzer of the Repeater or other fire panels in the network – see the details in item [3.1.1](#).
- Evacuation Fire Alarm of the protected sites to all connected fire panels or some of them, when there is active fire alarm signal received from a loop device in the network – see the details in item [3.1.2](#).

The Main Screen at Access Level 1 and no active messages for events:



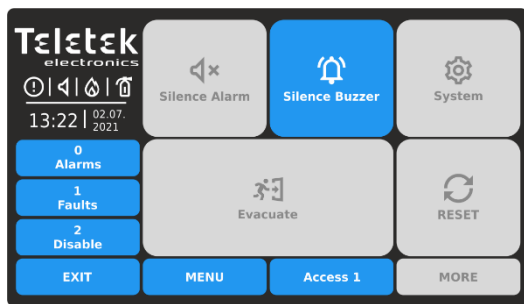
At Access Level 1 and active messages for Faults and/or Disablement events, the Repeater will always automatically switch on from Main Screen to events list after 20 seconds.



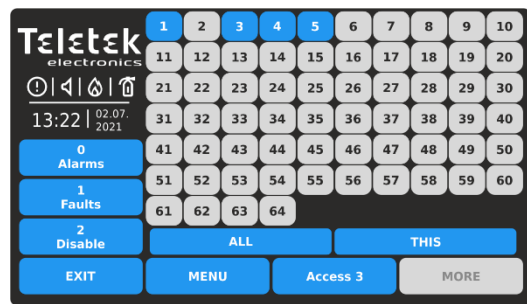
You can return back to Main Screen pressing EXIT or MENU button. The Repeater, will continue switching on to events list until the faults/disablements are restored or user with Access Level 2 or 3 is logged in.

3.1.1 Silencing Buzzer

The internal buzzer of the Repeater panel is signalling with a continuous sound signal in case of activated alarm and short beeps for fault events, in the network. The buzzer signalization can be silenced (for the moment) pressing the SILENCE BUZZER button from the Main Screen. Then the user can select separate panels or all available panels in the network for silencing the buzzer.



Return back to Main Screen pressing EXIT or MENU button. Next, to silence the internal buzzer, press SILENCE BUZZER (🔔) button.



The available panel numbers in the network (1-64) are presented with active buttons in blue. The number of the Repeater (from which the silencing action is introduced) is presented as unavailable (number 2 in the example).

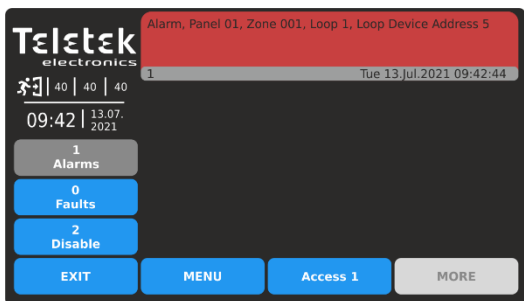
The User can silence the buzzer in some exact panels as pressing the button with the respective number. Or, can use the quick buttons: ALL to silence the buzzer in all panels in the network at the same time (including the Repeater); and THIS to silence just the buzzer of the Repeater. After pressing buttons ALL or THIS, the Repeater will return back to Main Screen.

You can reject the operation and return back to Main Screen pressing EXIT or MENU button.

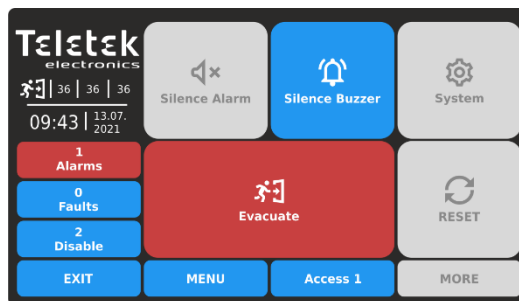
3.1.2 Starting Evacuation for Fire Alarm

At Access Level 1 is possible to start immediate Evacuation in the site(s), only when the fire alarm signal is received from a fire detector in a zone.

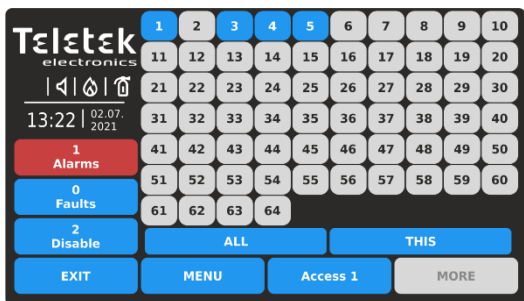
In case of receiving of fire alarm event from a detector, the Repeater will turn on automatically to the alarm events list, showing information for the fire alarm. In that case the User can return to Main Screen pressing the MENU or EXIT button and to initiate immediate Evacuation to one or more panels in the system.



Alarm from a fire detector. Back counting time for leaving the premises is running on. Press MENU or EXIT button to return to Main Screen.



Press EVACUATE (🚒) button to initiate immediate evacuation in the site(s).



The available panel numbers in the network (1-64) are presented with active buttons in blue. The number of the Repeater (from which the evacuation is introduced) is presented as unavailable (number 2 in the example).

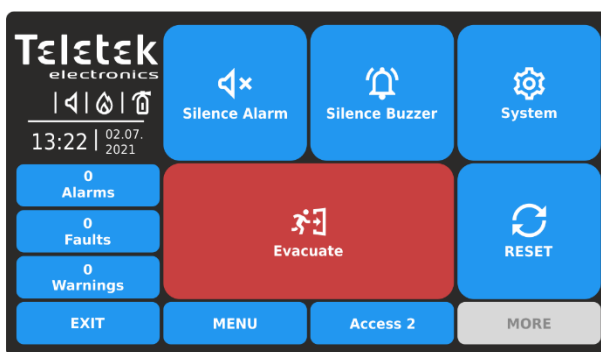
The User can start immediate Evacuation in some exact panels as pressing the button with the respective number. Or, can use the quick buttons: ALL for Evacuation in all panels in the network at the same time (including the Repeater); or THIS – just for the Repeater.

3.2. Access Level 2/3

At Access Level 2/3 the users can perform:

- Review events in the network – see the details in item [2.3](#).
- Silence Buzzer of the Repeater or other fire panels in the network – see the details in item [3.2.1](#).
- Silence Alarm in the protected sites for all connected fire panels or some of them – see the details in item [3.2.2](#).
- Reset the Repeater or other fire panels in the network – see the details in item [3.2.3](#).
- Evacuation Fire Alarm of the protected sites to all connected fire panels or some of them – see the details in item [3.2.4](#).

The Main Screen at Access Level 2/3 and no active messages for events:



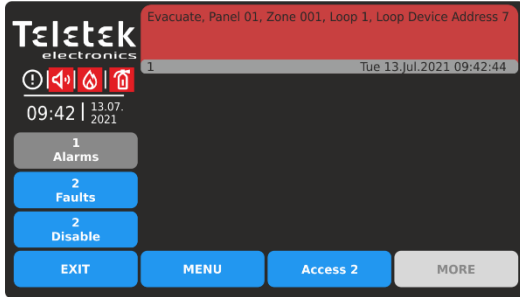
At Access Level 2/3, in case of receiving new messages for Faults and/or Disablement events, the Repeater will automatically switch on from Main Screen to events' list. User can return back to Main Screen pressing buttons EXIT or MENU.

3.2.1 Silencing Buzzer

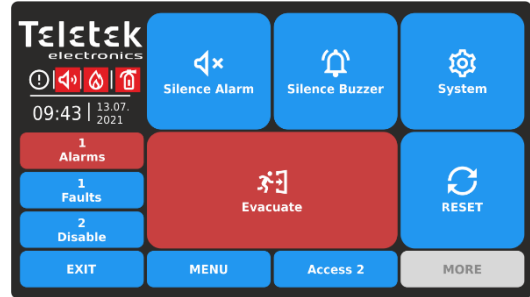
The process for silencing of the internal buzzer at Access Level 2/3 is the same as described at item [3.1.1](#).

3.2.2 Silencing Alarm

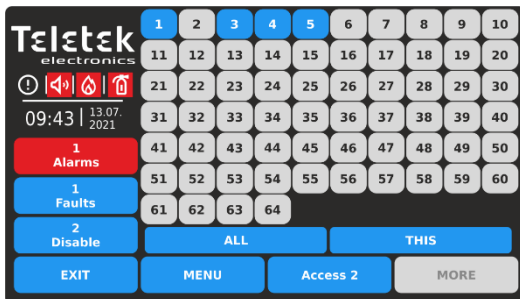
In case of receiving of fire alarm event from other panels in the network, the Repeater will turn on automatically to the alarm events list, showing information for the fire alarm. In that case the User can return to Main Screen, pressing the MENU or EXIT button and to Silence the sounders (alarm) to one or more panels in the system.



Alarm in the network. The sounders are activated. Press MENU or EXIT button to return to Main Screen.

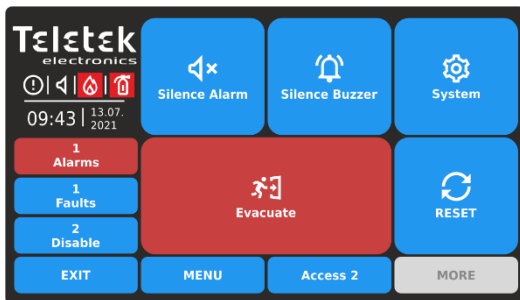


Press SILENCE ALARM (🔊) button to silence the sounders for the moment.



The available panel numbers in the network (1-64) are presented with active buttons in blue. The number of the Repeater (from which the silencing action is introduced) is presented as unavailable (number 2 in the example).

The User can silence the sounders in some exact panels pressing the button with the respective number. Use button ALL to silence the sounders in the whole system.

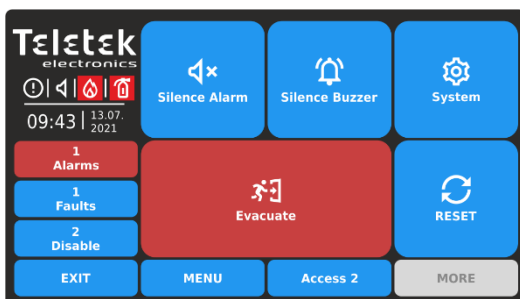


The Repeater will return back to Main Screen as the sounders are silenced, but the outputs Fire Brigade and Fire Protection (Extinguishing) will stay in Fire alarm mode.

To clear the indication and to restore the outputs, the User have to preform Resetting of all panels in the network, or for those which sent the fire alarm – see item [3.2.3](#).

3.2.3 Resetting Panel

The resetting function is used for initializing one or more panels and return to normal operation mode after alarm or fault restoring.



To initiate resetting of Repeater and all other panels in the network, press RESET (🔄) button.

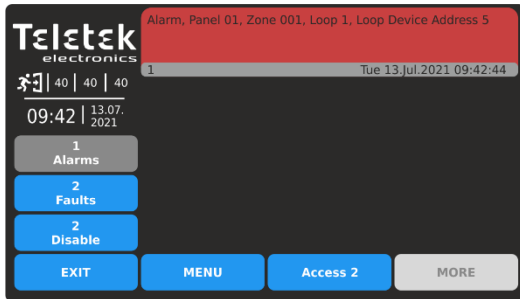
The messages for alarms will be cleared and panel will restore the normal operation mode of the outputs. During the resetting, the animated icon RESETTING 🔄 shows the process progressing.

Attention: After resetting, the Repeater will send again all events abouts its current status to the rest panels in the network. Also, the Repeater will receive the updated status for events of the reset panels.

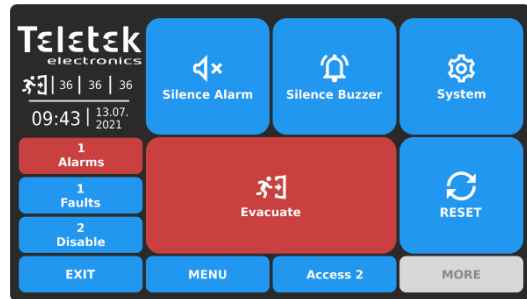
3.2.4 Starting Evacuation for Fire Alarm

At Access Level 2/3, the user can start immediate evacuation at the protected site(s) at any time, regardless if there are received fire alarm events from other panels or not.

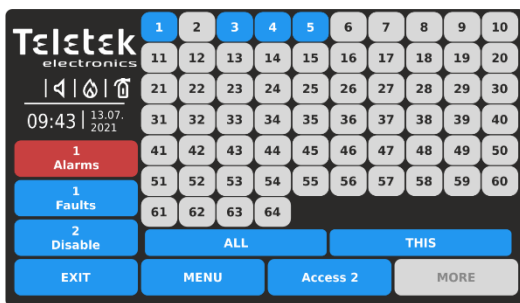
In case of receiving of fire alarm event, the Repeater will turn on automatically to the alarm events list, showing information for the fire alarm. In that case the User can return to Main Screen pressing the MENU or EXIT button and to initiate immediate Evacuation to one or more panels in the system.



Fire alarm in the system. Back counting time for leaving the premises is running on. Press MENU or EXIT button to return to Main Screen.



Press EVACUATE (🚒) button to initiate immediate evacuation in the site(s).

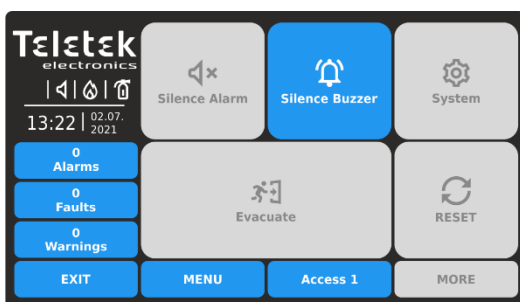


The available panel numbers in the network (1-64) are presented with active buttons in blue. The number of the Repeater (from which the evacuation is introduced) is presented as unavailable (number 2 in the example).

The User can start immediate Evacuation in some exact panels as pressing the button with the respective number. Or, can use the quick buttons: ALL for Evacuation in all panels in the network at the same time (including the Repeater); or THIS – just for the Repeater.

3.3. Changing the Access Level

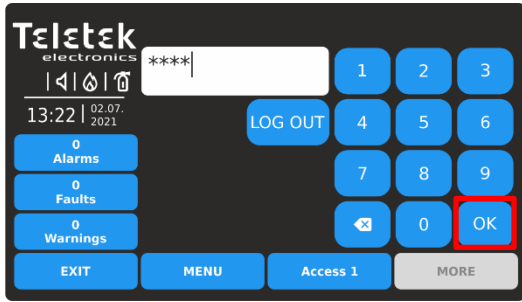
The Access Level (see item 1.4) is changed from the Main Screen, pressing the ACCESS Button.



Press ACCESS button to change the Access Level.



Use the digit buttons to enter in the text field a new valid access code. The default code combinations are described in [1.4](#).



The entered code is visualized with asterisks. Confirm the code with OK button. Use the backspace button to delete entered digits and edit the code.

In case the entered code is invalid, the panel will return to Main Screen without changing the Access Level.

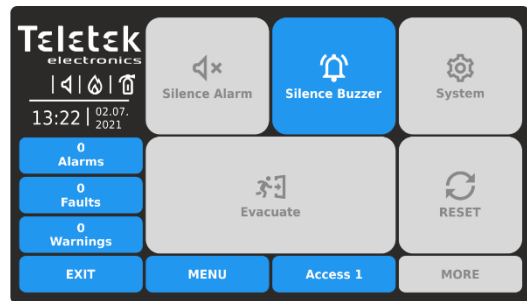
3.4. Logging Out

There are two ways for logging out from Access Levels 2/3 to the lower User Level 1 without need of entering a code combination.

3.4.1 Quick Log Out



Press ACCESS button for changing the user Level. Press LOG OUT button for quick logging out.



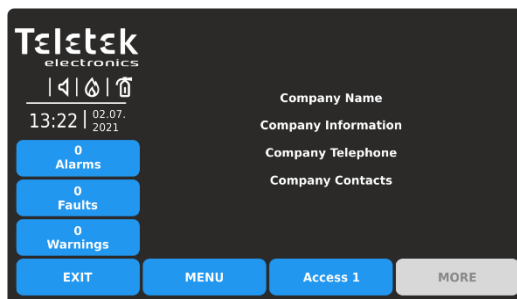
Access Level 1 is set for operation.

3.4.2 Auto Log Out

According to the programmed parameters of the Repeater it is possible automatic logging out from the current set Access Level 2 or 3 after a time period and no operation with the Repeater. The time period for automation log out is programmed at Installer's Access Level 3 only. If the automatic log out is enabled, the Repeater will log out to Access Level 1 when the programmed time is over.

3.5. "Screen saver" – Company Information

This is an option for turning off the Main Screen and displaying some company information while the Repeater is in normal operation mode. The option is programmed at Installer's Access Level 3 only. In case of missing active messages for events and there is no pressed button, the Repeater will switch on to "Screen saver" with company information after 60 seconds.



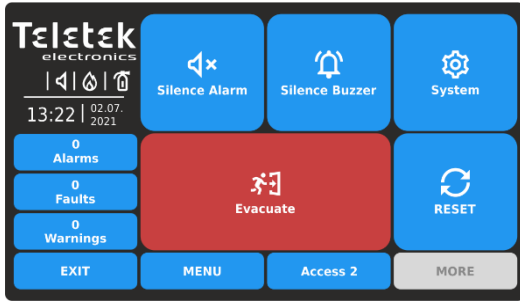
To return to Main Screen press EXIT or MENU button.


Note: Ask your Installer or Support Engineer if Auto Log Out and Company Information options are programmed for the Repeater panel.

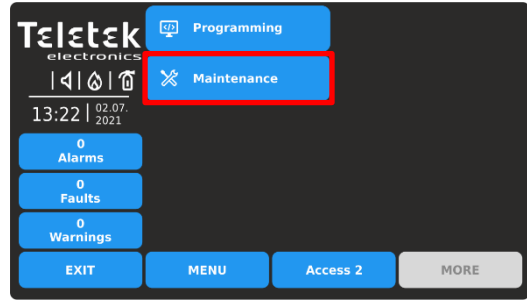
4. MAINTENANCE PROGRAMMING MENUS

At Access Level 2 are available for programming some menus for daily maintenance of the Repeater.

To enter the Programming menus, press SYSTEM button from Main Screen:






Press SYSTEM () button.



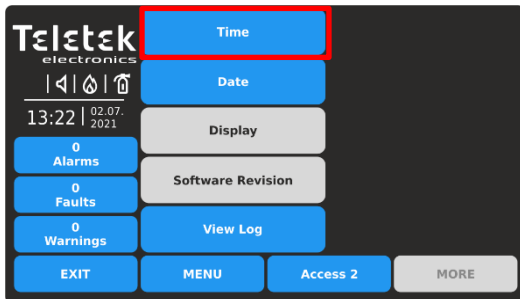
The Programming menus are unavailable for reviewing changing. The User can access some settings at Maintenance menus only.

The following functional buttons are available in operation in programming menus:

Button	State	Description
	Active	Confirmation and saving of the entered parameters.
	Active	Step back in programming menus. Cancelling the introduced changes.
	Active	Enter in additional submenu.

4.1. Setting Time

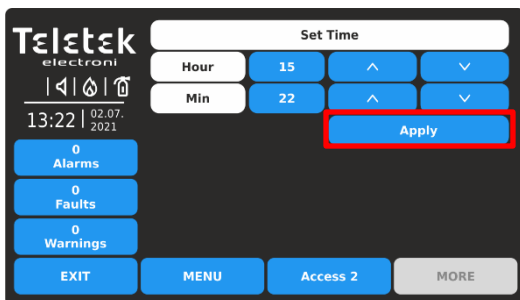
Enter MAINTENANCE menu.



Enter TIME submenu.



Use the up and down arrow buttons to set the time. You can also directly enter the new settings using the keyboard after selecting the digit button for hour/minutes.

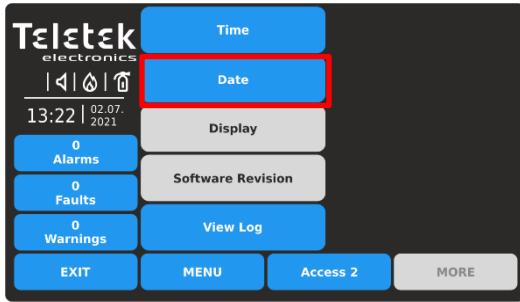


Confirm the new set time with APPLY button. The Repeater will change the time immediately without need of resetting.

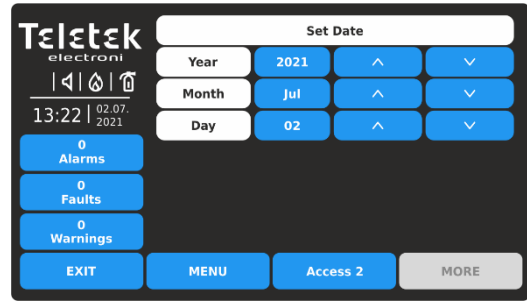
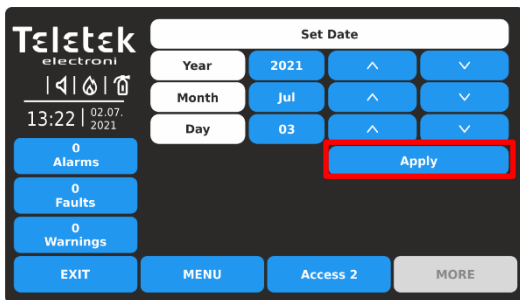
Use EXIT button to return back to Maintenance Menus.

4.2. Setting Date

Enter MAINTENANCE menu.



Enter DATE submenu.



Use the up and down arrow buttons to set the date. You can also directly enter the new settings using the keyboard after selecting the digit button for year/month/day.

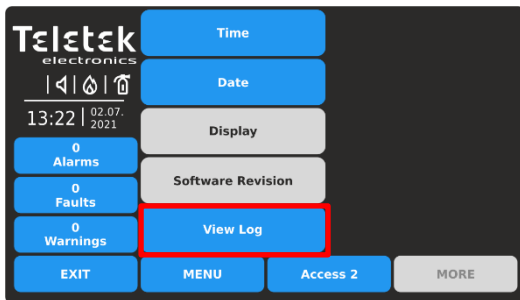
Confirm the new set date with APPLY button. The Repeater will change the date immediately without need of resetting.

Use EXIT button to return back to Maintenance Menus.

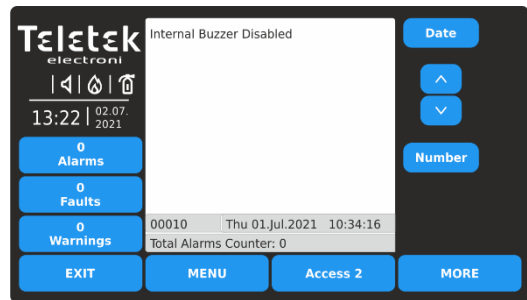
4.3 Review the Log Memory for Events

This menu allows the User to review the system events recorded in the panel memory log file, including the events from all other fire panels in the network allowed for operation with the Repeater. The capacity of the panel memory log file is 10000 events. In a special submenu “Clear Log” the user can delete the whole memory log file for this Repeater panel only.

Enter MAINTENANCE menu.



Enter VIEW LOG submenu.

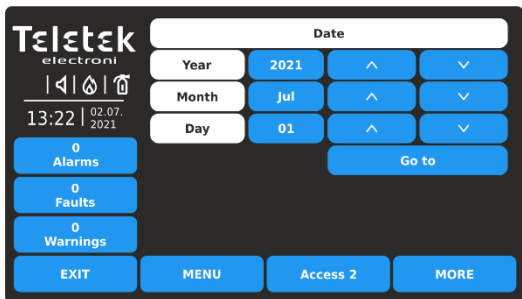


The events are presented with detailed information about the Panel, Zone, Loop and Device number. The events are displayed from the newest to the oldest registered in the log file.

Use the up and down arrow buttons to scroll the events one-by-one. In the bottom of the screen are displayed the number of the event and the date and time of occurrence.

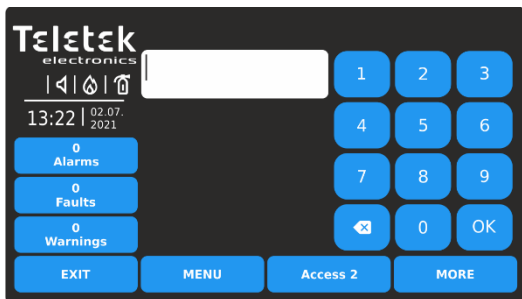
The field “Total Alarms Counter” shows the total number of the registered alarm events in the system.

The user can search for exact events using filters by Date of occurrence and Number.



To filter the events by Date of occurrence press DATE button and in the new screen enter year/month/day for search.

Press GO TO button. The View Log screen will return showing the last registered event for this date.



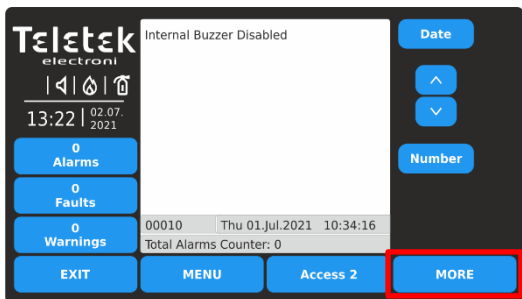
To filter the events by Number, press NUMBER button and use the keyboard. Press OK.

The View Log screen will show the contents of the searched number.

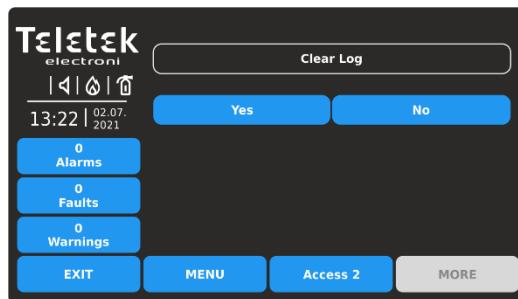
4.4 Clear the Log Memory for Events

This is a submenu in View Log for deleting the contents of the log memory file.

Enter VIEW LOG submenu.



Press MORE button.



To clear the log memory file, press YES button. You can exit the submenu (cancelling the clear log) pressing button NO or EXIT.

APPENDIX A

Table: Event Messages.

Note: The messages are followed from a Panel, Zone and Loop number, and also Device address, when the event is received from another panel in the network.

Message	Description
Flash Error	FLASH Memory error is detected.
Ram Error	RAM Memory error is detected.
New Periphery Devices Found	New periphery devices are found in the system configuration.
Periphery Device Fault	The device is not responding (the device is lost or failed).
Periphery Device Type Error	A periphery device with different type is found on the address.
AC Loss	The main power supply is lost.
Battery Low	The accumulator battery is discharged.
Battery Loss	The accumulator battery is missing.
Battery High Resistance	High value ($R_i > 0.3\Omega$) of the battery internal resistance. Replace the battery immediately!

Earth Fault	Resistive connection between some signals and earth < 10k.
Charger Fault	The charging unit is failed.
Sounder1 Short	Short circuit detected at Sounder 1 output.
Sounder2 Short	Short circuit detected at Sounder 2 output.
Sounder1 Open	Circuit broken at Sounder 1 output.
Sounder2 Open	Circuit broken at Sounder 2 output.
Fire Output Short	Short circuit detected at Fire output.
Fire Output Fault	Circuit broken at Fire output.
EXT Output Short	Short circuit detected at Extinguishing output.
EXT Output Fault	Circuit broken at Extinguishing output.
Fault Output Short	Short circuit detected at Fault output.
Fault Output Fault	Circuit broken at Fault output.
Fault Power AUX	Short circuit (the mains power supply is lost).
Alarm Confirm Input Short	Short circuit detected at input "Alarm Confirmation".
Alarm Confirm Input Open	Circuit broken at input "Alarm Confirmation".
Alarm Confirm Input On	"Alarm Confirmation" input activation.
Protection Alarm Confirm Short	Short circuit detected at input "Protection Alarm Confirmation".
Protection Alarm Confirm Open	Circuit broken at input "Protection Alarm Confirmation".
Protection Alarm Confirm On	"Protection Alarm Confirmation" input activation.
Fault Protection Panel Input Short	Short circuit detected at input "Protection Panel Fault".
Fault Protection Panel Input Open	Circuit broken at input "Protection Panel Fault".
Fault Protection Panel Input On	"Protection Panel Fault" input activation.
Protection Panel Fault	The extinguishing panel failure.
Loop Break	The loop is broken.
Loop Short	Short circuit detected in the loop.
New Loop Devices Found	New loop devices are found in system configuration (Loop 1 or Loop 2).
Loop Zero Address	There is a device without address number (a device with address 0 is applied).
Double Panel number	Doubling of the panel number (when two or more panels are connected in a network).
Panel Fault	Fault in the connection with another panel (when two or more panels are connected in a network).
Reset	Resetting of the panel.
Silence Alarm	The sounders have been silenced.
Zone Disabled	The zone is disabled.
Earth Fault function DISABLED	The Earth Fault indication is disabled.
Sounder Disabled	The Sounders are disabled.
Fire Brigade Output Disabled	The fire output is disabled.
Fire Protection Output Disabled	The extinguishing output is disabled.
Fault Output Disabled	The fault output is disabled.
Zone In Test	The zone is in test mode.
Transmitting device active	The Fire output is activated.
Extinguishing output active	The Extinguishing output is activated.
Sirens active	The sounders are activated.
User log off	Exit from access level 2 (Maintenance).
Installer log off	Exit from access level 3 (Installer).
User log on	Entry in access level 2 (Maintenance).
Installer log on	Entry in access level 3 (Installer).
High Resistance Disabled	The indication for high battery resistance is disabled.

Total loss of Power	Both main and backup power supply are lost (the main power supply is lost and the accumulator battery is fully discharged).
Buzzer Disabled	The internal buzzer is disabled.
Network Fault	Redundant network breakdown.
Loop Device Disabled	The loop device is disabled.
Chamber Fault	Fault in the detector.
Clean Me Now	Dirty detector chamber.
Loop Device Input Fault	Fault in loop device input.
Loop Device Output Fault	Fault in loop device output.
Alarm	Fire alarm signal from detector.
PreAlarm	Fire alarm signal from detector in 2DEVICES or DOUBLE operation mode for zone.
Test Alarm	Fire alarm signal from tested detector.
Loop Device Type Error	A different than the expected type of device has been detected at the address.
Loop Device Fault	The device does not respond (lost or damaged).
Double Address	More than one device with the same address in the loop.
Evacuate	Activated Call Point or EVACUATE button on the panel.
Log Fault	The Log file event is lost or damaged.
Gas Alarm	Activated gas detector SensolRIS GAS.
Power Supply Fault	Fault in the external power supply of conventional zone module SensolRIS MC-Z or gas detector SensolRIS GAS.
Panic	Panic alarm signal from detector.
Active Relay	Activated relay output of the panel. After the message is displayed also the number of the activated relay (1-4).
Loop Device Input Active	Activated input of a loop device.
Loop Device Output Active	Activated output of a loop device.
Activated Output	Activated output of the panel.
Redundant processor fault	Redundant processor is failed.
Type Error	SensolRIS MIO22M module. Wrong type of the output is detected. That means that a jumper is set or removed when the power supply of the module is ON. The fault will be cleared with switching off the power supply of the module, including the external power supply unit, and switching it on again.
External Power Supply Fault	SensolRIS MIO22M module. Missing or low external power supply. The fault is cleared when the normal power supply is restored.



Teletek

electronics

www.teletek-electronics.com

Address: Bulgaria, 1407 Sofia, 14A Srebarna Str.

Tel.: +359 2 9694 800, Fax: +359 2 962 52 13

e-mail: info@teletek-electronics.bg