

FX 3NET fire detection system Instruction manual



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Read the instructions carefully before using the fire detection system. Keep the instruction manual close to the control panel.

Using the key:



Use: Insert the key - turn to the right.

Normal status: Turn key to the left - remove the key



FIRE ALARM/ pre-alarm

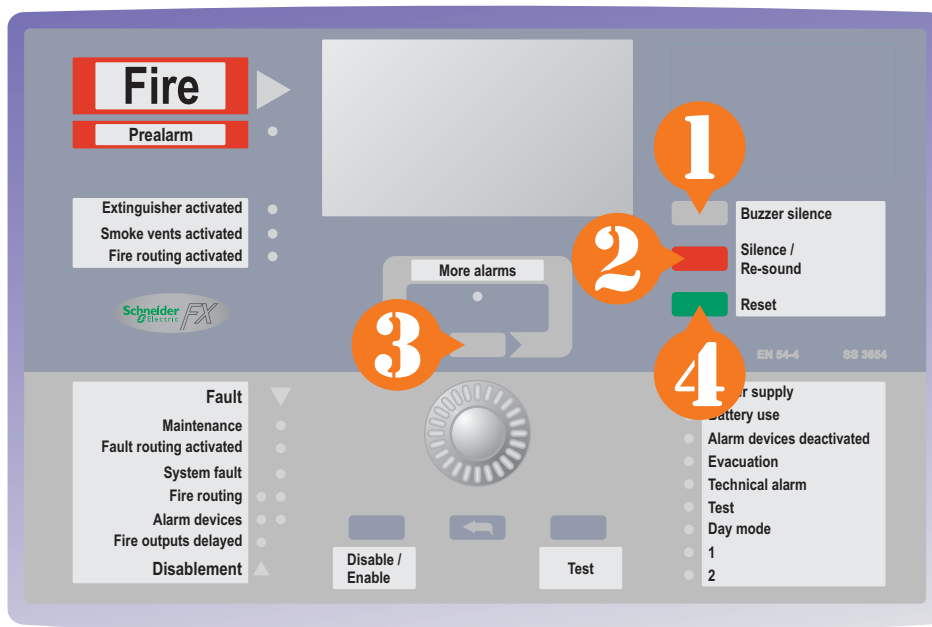
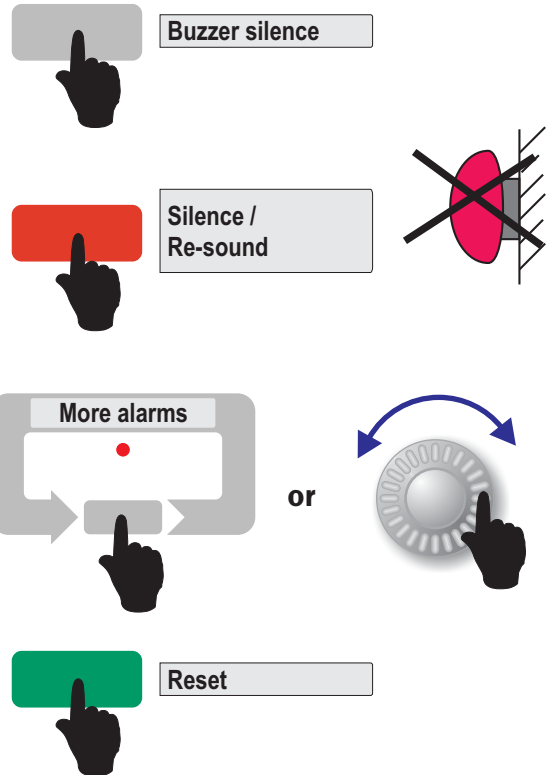


Only for firemen!



Key in operating position!

- 1** Silence the panel buzzer by pressing the "BUZZER SILENCE" - button
- 2** Silence the alarm devices by pressing the "SILENCE/RE-SOUND" - button
- 3** Scroll fire alarm objects
- 4** Press for as long as the signal is heard, whereupon the system returns to normal state.



Disablement of addresses, after reset to normal state has failed:

Press the "DISABLE" button when the address is shown on the display.

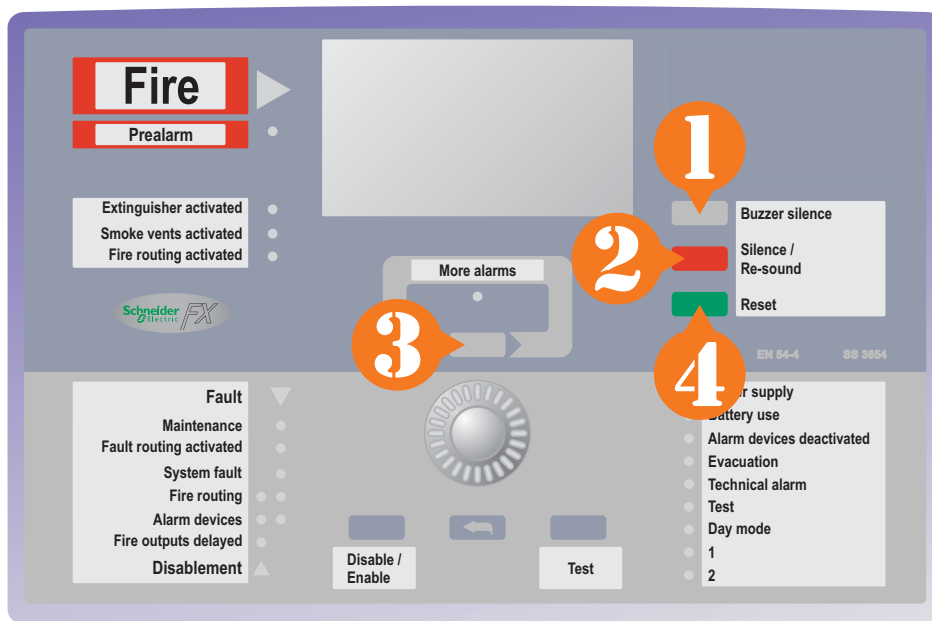
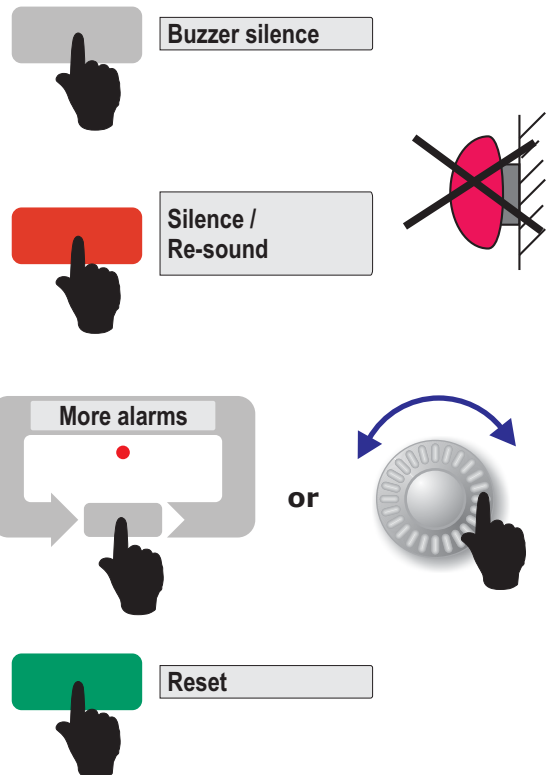


FAULT INDICATION / service indication



Key in operating position!

- 1** Silence the panel buzzer by pressing the "BUZZER SILENCE" - button
- 2** Silence the alarm devices by pressing the "SILENCE" - button
- 3** Scroll fault indication objects.
- 4** Press for as long as the signal is heard, whereupon the system returns to normal state.



Disabling of address or fault monitoring:

Press the "DISABLE"-button when the fault or service indication is shown on the display.

Note! Disabling can not be done in all situations.

Refer to operation chart page 8



If a fault occurs always contact your supplier's service!

DISABLEMENTS / enablements



Remember that disablements may prevent an alarm!



Key in operating position!

1 Search function

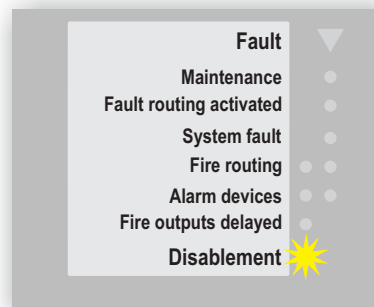
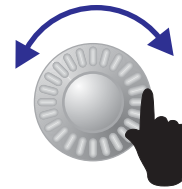
Enter the menu by pressing the wheel.
Go to the desired point by scrolling the selection wheel on the menu.
Move back in menu by pressing the  key.

(Refer to operation chart page 6)

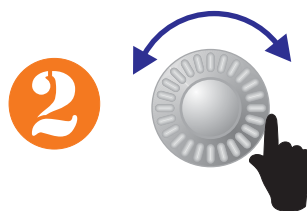
2 Disable/enable

Disable / enable the desired object.
(Refer to operation chart page 8)

When something has been disabled: the "DISABLEMENT" signal light is lit.



Scrolling disablements and enabling from the disablement register



Search function

3



Enable the desired function



TESTS

 **Key in operating position!**

1 Search function

Enter the menu by pressing the wheel.
Go to the desired point by scrolling the selection wheel on the menu.
(Refer to operation chart page 8)

2 Start test

follow the advice on the display

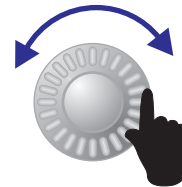
3 Finish test

Monthly test

**Test of alarm transmission to regional alarm center.
/FX system test**

Inform the regional alarm center of the test to be performed.
After the test, check with the regional alarm center that the information was received.

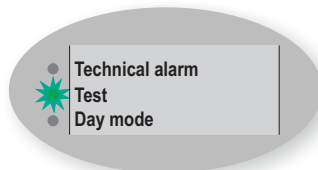
Display test



Disable /
Enable



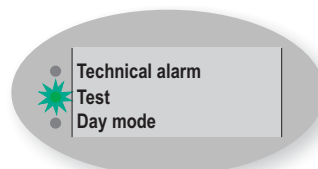
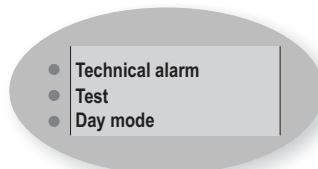
Test



Disable /
Enable



Test



Disable /
Enable



Test

- loops / address points
- controls
- monitorings
- input interfaces
- output interfaces
- active disablements
- active prealarms
- active faults
- active technical alarms
- active tests
- event register



- printings
- current access level: X
- system test
- alarm transmission test
- set time
hh:mm dd.mm.yyyy

Disable /
Enable



Test



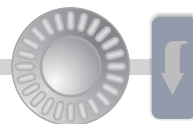
change primary/ secondary language	all controls enabled to disable all controls press "disable" (access level 3)
zones / address points	normal fire routing func.
loops / address points	fire routing control
controls	alarm devices control
fire panels	fire outputs
	fire door control
	extinguisher control
	delayed fire outputs
	delay T2 outputs
	fire routing activated led outputs
	prealarm outputs
	technical alarm outputs
	fault routing control
	fault outputs
	fault warning device control
	maintenance outputs
	disablement outputs

zone xxxx xx address points	zone xxxx addresses Address xx.xxx
loop xx xxx address points	loop xx addresses Address xx.xxx
all controls enabled to disable all controls press "disable" (access level 3)	
normal fire routing func.	
fire routing control	
alarm devices control	
fire outputs	
fire door control	
extinguisher control	
delayed fire outputs	
delay T2 outputs	
fire routing activated led outputs	
prealarm outputs	
technical alarm outputs	
fault routing control	
fault outputs	
fault warning device control	
maintenance outputs	
disablement outputs	
power supply monitor	
alarm devices monitor	Alarm devices monitor UNIT X alarm devices line x mon
power outputs monitor	Power outputs monitor UNIT X power output PO X mon.
earth leakage monitor	
fire routing monitor	Fire routing monitor fire routing fault input UNIT X IN X
fault routing monitor	Alarm devices monitor fault routing fault input UNIT X IN X
extinguisher monitor	Extinguisher monitor extinguisher fault input UNIT X IN X
power inputs monitor	

The disablement, enablement and test markers mean that the respective function can be used in the marked context.

- Disablement
- Enablement/
Verify/
Finish
- Test

The chart is activated by turning the key and pressing the selection wheel. You can scroll up and down using the selection wheel. Move to next level by pressing the wheel. Move back by pressing the arrow key.



input interfaces	UNIT X IN X	
output interfaces	"type" UNIT X output X "type"	
active disablenents	Disblement "point" disabled xxx/xxx	
active fires	Fire Zone xxxx Address xx.xxx Prelarm Zone xxxx Address xx.xxx Technical alarm "point" xxx/xxx	
active faults	Fault "point" xxx/xxx	
active tests	Test "point" xxx/xxx	
alarm transmission test	alarm transmission test	
alarm counter	fire alarm conditions count xxx to clear the counter press wheel (access level 4)	
software versions	software versions MC----- v x.xx dd.mm.yyyy	
connections	Connections connection to panel PP xx/xx	
RS-232 usage (access level 3)	Not in use press: "enable" Printer (ASCII) press: "enable" INFO protocol press: "enable"	

active disablenents	FX fire panel PP "point" disabled	
active prealarms	FX fire panel PP Zone xxxx Address xx.xxx	
active faults	FX fire panel PP "point"	
active technical alarms	FX fire panel PP "point"	
active tests	FX fire panel PP "point"	
event register		
printings		
current access level: X	change to access level 3	
system test	system test	
alarm transmission test	alarm transmission test	
set time hh:mm dd.mm.yyyy	set time: hh:mm dd.mm.yyyy	
software versions	software versions MC----- v x.xx dd.mm.yyyy	
Main menu report dirty detectors (access level 3) press "enable"		
analyze loop communications (access level 3)	loop xx Esni / Intellia xxx address points loop xx Esni / SystemSensor xxx address points	
change language (access level 3)	"language" press: "enable"	

Event register browsing	event date HH:MM DD.MM.YYYY
Event register clearing (access level 3)	clear by pressing "enable"

events xxx-xxx ->	set events xxx-xxx
start printing by pressing enable	start printing by pressing enable
disablenents xxx-xxx ->	set disablenents xxx-xxx
start printing by pressing enable	start printing by pressing enable
test alarms xxx-xxx ->	set test alarms xxx-xxx
start printing by pressing enable	start printing by pressing enable
technical alarms xxx-xxx ->	set technical alarms xxx-xxx
start printing by pressing enable	start printing by pressing enable
prealarms xxx-xxx ->	set prealarms xxx-xxx
start printing by pressing enable	start printing by pressing enable
fires xxx-xxx ->	set fires xxx-xxx
start printing by pressing enable	start printing by pressing enable
faults xxx-xxx ->	set faults xxx-xxx
start printing by pressing enable	start printing by pressing enable
loops xx-xx ->	set loops xx-xx
start printing by pressing enable	start printing by pressing enable
zones / addresses xxxx-xxxx ->	set zones / addresses xxxx-xxxx
start printing by pressing enable	start printing by pressing enable

Loop communications address point xx.xxx polled xxx times	
Loop communications address point xx.xxx polled xxx times	

Operation chart (visible/standalone)



Don't forget the key!

change primary/ secondary language		
zones / address points	zone xxxx enabled xx address points	zone xxxx addresses xx/xx Address xx.xxx enabled
loops / address points	loop xx enabled xxx address points	loop xx addresses xx/xx Address xx.xxx enabled
controls		
monitorings	power supply monitor	
	alarm devices monitor	Alarm devices monitor xx/xx UNIT X alarm devices line x mon.
	power outputs monitor	Power outputs monitor xx/xx UNIT X power output PO X mon.
	earth leakage monitor	
	fire routing monitor	Fire routing monitor xx/xx fire routing fault input UNIT X IN X
	fault routing monitor	Alarm devices monitor xx/xx fault routing fault input UNIT X IN X
	extinguisher monitor	Extinguisher monitor xx/xx extinguisher fault input UNIT X IN X
	power inputs monitor	
input interfaces	UNIT X IN X "type"	xx/xx
output interfaces	UNIT X output X "type"	xx/xx
active disablements	Disablement "point"	xxx/xxx
active prealarms	Prealarm Zone xxxx Address xx.xxx	xxx/xxx
active faults	Fault "point"	xxx/xxx
active technical alarms	Technical alarm "point"	xxx/xxx
active tests	Test "point"	xxx/xxx
event register	Event register browsing	Event event date HH:MM DD.MM.YYYY
	Event register clearing (access level 3)	clear by pressing "enable"

The disablement, enablement and test markers mean that the respective function can be used in the marked context.

- Disablement
- Enablement/
Verify/
Finish
- Test

all controls enabled to disable all controls press "disable" (access level 3)
normal fire routing func.
fire routing control
alarm devices control
fire outputs
fire door control
extinguisher control
delayed fire outputs
delay T2 outputs
fire routing activated led outputs
prealarm outputs
technical alarm outputs
fault routing control
fault outputs
fault warning device control
maintenance outputs
disablement outputs



The chart is activated by turning the key and pressing the selection wheel. You can scroll up and down using the selection wheel. Move to next level by pressing the wheel. Move back by pressing the arrow key.

printings	
current access level: X	change to access level 3: 0000
system test	system test
alarm transmission test	alarm transmission test
set time hh:mm dd.mm.yyyy	set time: hh:mm dd.mm.yyyy
alarm counter	fire alarm conditions count xxx to clear the counter press wheel (access level 4)
software versions	software versions MC v x.xx dd.mm.yyyy
connections	Connections xx/xx connection to panel PP
report dirty detectors (access level 3) press: 'enable'	
analyze loop communications (access level 3)	loop xx Esmi / Intellia xxx address points loop xx Esmi / SystemSensor xxx address points
change language (access level 3)	"language" press: "enable"
RS-232 usage (access level 3)	Not in use press: "enable"
	Printer (ASCII) press: "enable"
	INFO protocol press: "enable"

events xxx-xxx -> start printing by pressing enable	set events xxx-xxx start printing by pressing enable
disablements xxx-xxx -> start printing by pressing enable	set disablements xxx-xxx start printing by pressing enable
test alarms xxx-xxx -> start printing by pressing enable	set test alarms xxx-xxx start printing by pressing enable
technical alarms xxx-xxx -> start printing by pressing enable	set technical alarms xxx-xxx start printing by pressing enable
prealarms xxx-xxx -> start printing by pressing enable	set prealarms xxx-xxx start printing by pressing enable
fires xxx-xxx -> start printing by pressing enable	set fires xxx-xxx start printing by pressing enable
faults xxx-xxx -> start printing by pressing enable	set faults xxx-xxx start printing by pressing enable
loops xx-xx -> start printing by pressing enable	set loops xx-xx start printing by pressing enable
zones / addresses xxxx-xxxx -> start printing by pressing enable	set zones / addresses xxxx-xxxx start printing by pressing enable

FX system operational data

(filled in by the system operator in connection with start-up)

Owner of the site

Name of the site

Address of the site

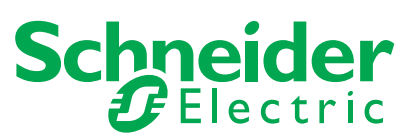
Person responsible for operating the fire detection system

Telephone

Substitute for the system operator

Telephone

Supplier's service, telephone



Manufacturer:
Pelco Finland Oy
P.O.Box 415, FIN-02601 Espoo
www.pelco.fi