

FireClass FC503 Panel



Overview

The FC503 is the newest FireClass addressable solution for a wide range of applications and requirements. Conceived to be extremely easy to install and use, the FC503 is an “out of the box” panel which offers the simplicity of a conventional system and the benefits of the FireClass addressable digital technology.

Auto Addressing, Intelli-Zone, Online Help function, USB interface to upload the configuration and the easiness to configure the panel via integrated keypad are only some of the features that allow the installation and configuration of the panels in just a few simple steps.

The FC503 panel has 3 in 1 loops that can support up to 250 addressable devices and 128 zones. The split loop technology enables 3 circuits of devices to be connected to one single loop providing greater flexibility and simplifying the wiring process. Once the loop devices are wired the system can be auto addressed by a single click. The devices are automatically assigned to 128 zones, according to the physical loop they are connected to, the system is ready to protect the site.

If the system configuration needs to be modified and the devices re-addressed or the zones re-programmed, the powerful Intelli-Zone feature significantly reduces the configuration time allowing the installer to perform test and programming at once.

The configuration software is extremely user friendly and provides a very nice graphic interface that displays all devices connected to the different zones. A battery and wire calculation tool is included in the software to help the installer in sizing up the system.

A free graphic maps software, based on a multi-level maps tree structure allows a remote real time visualization of any loop, zone and point status and the simple remote user interface with control buttons (reset, silence, evacuate), allow users to manage the system from any location in the world. This new FireClass FC503 control panel supports up to 250 devices, including the double and triple technology detectors and a plenty of modules and sounders, benefiting of one of the widest ranges available in the market.

Panel Features

- 3 in 1 loops
- Up to 1A current dynamically shared across 3 loop circuits
- Auto mapping with Intelli-Zone feature
- Online Help function
- USB interface dual role Host/Device
- Multi users and multi installers (Up to 2 installers, 8 users)
- Walk test function
- 4000 Event Log
- Loop break location
- On board PSTN communicator
- GSM/GPRS as external module
- Up to 8 repeaters and up to 7 FC500 Series panel clients
- Event transmission through PSTN and IP
- Automatic drift compensation

Software Features

- Fast and simple system configuration, also offline
- Transferable user database
- Device graphic displayed
- Battery and wiring calculation
- Customizable cables database
- Visualization of all the devices assigned to a single zone
- Remote real time visualization of control panel loop and zone status, and so on.
- Easy remote user interface with control buttons (reset, silence, evacuate)
- Multilevel map based on a tree structure
- Access device data from any pages of the map
- Configuration downloadable to USB memory stick
- Capability to print zone label sheet for front panel customization

A new class of Fire Detection

Performance Characteristics

	FC503	FC500
Dimensions H x W x D mm	493 x 429 x 124	234 x 345 x 55.7
Weight	8 KG	2.7kg
Operating Temp	-5°C ÷ 40°C	-5°C ÷ 40°C
Storage Temp	-40 ÷ 80 °C	-40 ÷ 80 °C
Humidity	Up to 95% Non Condensing	Up to 95% Non Condensing
Supply Voltage	230VaC 50Hz - 15/+10%	19 Vdc - 30 Vdc
PSU I _{max} (Input Current)	1,5A	130 mA (dc)
Aux output rated voltage	27,6 Vdc	NA
Max Battery Size (Inside Panel)	17 Ah	NA
Loop power	1A	NA
IP Rating	IP30	IP30
Enclosure colour (cabinet and door)	RAL 7035	RAL 7035

Product Order Codes

- 557.200.725** FC503 3 Loop Panel 250 Points
- 508.031.742** FC500MFI Multifunctional Interface
- 508.031.743** FC500IP3 IP Module
- 508.032.036** FC500BX Cabinet for Spare 38Ah Batteries
- 508.032.037** USB 5m Cable Type A
- 508.032.042** FC500DISP Spare Display
- 557.202.726** FC-MAE FC500 Panels Monitoring Software
- 557.200.727** FC500 FireClass Repeater
- 508.032.044** Spare Motherboard for FC-503 3 Loop FireClass Panel