



## **ODYSSEY TOUCH SCREEN INTELLIGENT FIRE ALARM CONTROL PANEL (500-100)**

The ODYSSEY® Touch Screen Panel is one of the slickest fire alarm panels on the market and combined with innovative features and functionality, is now set to become the most sought-after panel currently available.

With a clean and minimal design aesthetic, this Touch Screen Panel is ideal for Architects and prestigious buildings, looking for a new solution to managing their Fire Detection needs.

When combined with our extensive range of compatible industry leading control equipment, our Touch Screen Panel offers the most flexible wired or wireless fire solution available today.

### **VERSIONS AVAILABLE**

#### **500-100(B)**

Touch Screen 1-9 loop intelligent panel (no LEDs)

#### **500-100LED(B)**

Touch Screen single loop intelligent panel c/w 56 LEDs fitted

#### **500-300LED(B)**

Touch Screen three loop intelligent panel c/w 56 LEDs fitted

#### **500-500LED(B)**

Touch Screen five loop intelligent panel c/w 56 LEDs fitted

#### **500-700LED(B)**

Touch Screen seven loop intelligent panel c/w 56 LEDs fitted

#### **500-900LED(B)**

Touch Screen nine loop intelligent panel c/w 56 LEDs fitted

### **KEY FEATURES**



#### **Unique design**

The ODYSSEY Touch Screen panel offers all the information and instructions you need on a single touch screen



#### **Expandability**

Connect up to 128 panels on a network loop to manage massive systems with more than 250,000 devices



#### **Touch Screen**

It's made to be touched, the first certified fire panel fully touch! A totally touch screen panel with an easy-to-use interface



#### **Custom**

It also has customisable lighting options with white or tricolour back lighting LED's



#### **Variety of Languages**

A superior quantity of characters and symbols, up to 11 languages

## FEATURES

### 1. End user

For the first time in the fire industry, even the end user can interact with a control panel! End-user has access to their own personal screen at any time, without a password, allowing them to see the events divided by: All, Alarms, Faults, Dates, Loop or by area. Or simply call assistance with a touch!



### 2. Log in

Once logged on to the system, the end-user, maintenance technician or programmer will gain immediate access to their own user menu. Only the 4-6 keys specifically designed for each user will appear on the screen! Everything is quick and easy mistakes are virtually impossible! Finally a fire control panel that's easy to understand!

### 3. Operator menu

The ODYSSEY® Touchscreen Panel is a maintenance technicians dream. Traditional fire control panels force you to use conventional mini displays. Often poorly back-lit, with endless menus, perhaps not even in your language, or require you to connect to a PC

### 4. Diagnostic map

The ODYSSEY® Touchscreen Panel displays the status of the system in a single glance, thanks to its diagnostic map which provides full information immediately visualising detectors, input/output modules and all wireless devices marked with a "W". The level of dust and consequent inefficiency of a detector is indicated with different colours.



### 5. Detailed information

By touching the icon of the device, detailed information will appear about the exact percentage of dust, making it easier to plan periodic maintenance. Since dusty detectors are no longer able to detect any smoke, you always need a complete maintenance tool for the entire system at your fingertips.

### 6. Configuration menu

This panel is also the dream of every installer: it is auto-addressable, with no need for time wasting dip switches or conventional programming devices.



## SOFTWARE SPECIFICATION

- Touch screen interface, powerful and easy to use
- Up to 240 addressable devices per loop
- Hybrid fire panel for wired or wireless detectors
- Up to 192 logic detection areas
- 96 logic functions
- More than 1000 events
- Auto programming function of addressable devices
- Auto addressing function of addressable devices
- Function for device mapping
- Network capability in order to build a huge system for size and number of devices
- Management of more than 100 languages
- Fully customisable with personal logo, colour, touch screen and coloured side LEDs
- Management of a wide range of addressable devices:
  - Wired and wireless devices
  - Thermal, optical detectors mixed
- Input modules
- Output modules
- Addressable button alarm
- Addressable siren
- Local and remote programming capability by dedicated software on serial or LAN / WAN
- Protocol MODBUS RTU over IP
- Product certified to EN54-2 and EN54-4
- CE marking (EMC directive low voltage)

## HARDWARE SPECIFICATION

- 32 bit microprocessor addressable control panel
- 1 addressable loop with digital protocol
- Expandable up to 9 loops
- 240 addressable devices per loop
- Graphic touch screen display (480 x 272 TFT 4.3")
- 14 front LEDs
- Programmable side LED
- 1 monitored output for siren or dialer (24Vdc 1A)
- 1 output 1A 30Vdc 120Vac
- 1 open collector output
- 1 RS 485 line for peripherals
- 1 RS 232/micro USB for programming or monitoring station
- 56 LED area (optional board)
- 1 extinguishing channel (optional board)
- Fully redundant (optional board)
- Network management of group of fire panel (optional board)
- Ethernet 10 Mb/s interface (optional board)
- Batteries capacity: 2 batteries of 17Ah each
- Monitored power supply output 24Vdc 500mA with short circuit protection
- Dimensions 390mm x 390mm x 100mm
- Power supply: 230Vac

The ODYSSEY Touch Screen Panel is the first panel to not only run TI Core Protocol but also the first totally touch screen fire panel certified to EN54-2 and EN54-w4 standards in the world. Making this panel very much, a one of a kind. Due to its stunning design and customisability, this panel can easily fit right in with the decor with a wide range of coloured enclosures, back lighting, LED's and languages. Perfect for architects and prestigious high-end buildings.

The panel is extremely user-friendly as the graphical interface is built to be completely intuitive to all the 3 different user profiles. Convenience is always key and with the ODYSSEY Panel, diagnostics of all the devices are shown with a graphical map of the system with all testing able to be run by one person, this is very efficient considering some systems comprise of tens of thousands of devices.