Honeywell MORLEY IAS FIRE SYSTEMS | Addressable Fire Alarm Control Panel

Model: STX

UL-LISTED



The STX model is designed keeping in mind the needs of today's performance conscious establishments. It is a range of compact and feature-rich, modern-age panels that constitute together with a suite of intelligent devices, highly reliable fire alarm systems.

The STX panels meet the requirements of the latest codes and standards and allow for quick and easy installation. Just fix the panel to the wall, connect the field wiring devices, and power up the panel for a working fire alarm system. The large touch display allows the panel to be programmed easily by providing a clear menu structure, making the the entire setup process extremely intuitive. Complex configuration is made easy by using the mobile app and the Bluetooth dongle connectivity.

USER INTERFACE

Display: 5-inch multi-color touch display
Control Keys: Silence Buzzer, Silence/Resound Alarm, Reset
Indicators: Power, Alarm Silenced, Trouble, System Trouble, Disabled, Test, Supervisory, Delay

DEVICES AND LOOP CAPACITY

Supports Morley IAS UL detectors & modules
Loop Capacity: 500 mA per loop

SKU NO.	DESCRIPTION	NUMBER OF LOOP	COLOR	DEVICES	DEVICES / LOOP	ADDRESS RANGE	DEVICES / PANEL
615-000-002	STX 1 loop panel supporting up to 98 devices in a grey color plastic enclosure	1	Grey	Sensors	59	1 – 59	59
				Modules	39	161 – 199	39
615-000-002-R	STX 1 loop panel supporting up to 98 devices in a red color plastic enclosure	1	Red	Sensors	59	1 – 59	59
				Modules	39	161 – 199	39
615-000-102	STX 1 loop panel supporting up to 198 devices in a grey color plastic enclosure	1	Grey	Sensors	159	1 – 159	159
				Modules	39	161 – 199	39
615-000-102-R	STX 1 loop panel supporting up to 198 devices in a red color plastic enclosure	1	Red	Sensors	159	1 – 159	159
				Modules	39	161 – 199	39
615-000-202	STX 2 loop panel supporting up to 396 devices in a grey color plastic enclosure	2	Grey	Sensors	159	1 – 159	318
				Modules	39	161 – 199	78
615-000-202-R	STX 2 loop panel supporting up to 396 devices in a red color plastic enclosure	2	Red	Sensors	159	1 – 159	318
				Modules	39	161 – 199	78

KEY FEATURES

- Multiple loop options –half, 1 and 2 loops
- Up to 198 devices per full loop
- 160 fire zones
- 5,000 events log
- Multiple output and input interfaces for a fully integrated fire alarm solution
- Pluggable electrical connectors and ergonomic design for easy installation
- Large touch display for enhanced readability, context-awareness and easy navigation resulting in exemplified user experience
- Mobile and PC apps for guided configuration
- Ability to configure panels off-site and sync via USB pen drive or Honeywell Bluetooth
- Battery-backed, real-time clock (RTC)
- 32-bit dual-core microprocessor
- UL 864 10th Edition Certified

STX Technical Specifications

INTERFACES

- 3 Output Relays with single pole changeover 24V DC 1 A: Fire Trouble & Programmable (Supervisory by default)
- 1 RS485 port for up to 4 repeaters or mimics or a combination of the two
- 1 RS232 ports: One for serial printer
- 2 USB ports: One for pen drive and Honeywell Bluetooth dongle and one reserved for future use
- 1 NAC circuit with max 150 mA
- 2 on-board monitored inputs

MECHNICAL	SPECIFICATIONS
DIMENSIONS [MM] (H X W X D)	465x408x153
WEIGHT (EXCLUDING BATTERIES)	7 Kg (246 oz)
COLOUR	Grey & red
MOUNTING HOLES	3
KNOCKOUTS (20MM)	Top: 16; Back: 2
MOUNTING TYPE	Surface Only
OPERATING TEMPERATURE	0°C to +49°C
RELATIVE HUMIDITY	5% - 95% non-condensing
MATERIAL	PC+ABS plastic (BAYBLEND FR3010- UL 94 5VA)..
IP RATING	30

ELECTRICAL	SPECIFICATIONS
OPERATING VOLTAGE	230V AC, 50/60 Hz AC
PSU RATING	1 loop (615-000-002 and 615-000-102) - 24V DC 2 A 2 loop (615-000-202) - 24V DC 6.25 A
STAND-BY BATTERIES	2 x 12Ah (recommended)
STAND-BY BATTERY DURATION	24 hours back-up under normal condition
AUXILLIARY OUTPUT	24 V Dc 100 mA
FIELD STRENGTH	52V/m for 5W test condition

Agency Listings and Approvals

Listing and approval below apply to the modules specified in this. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL Listed**: S36244

For more information
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