



Kingfisher Company, inc.

## Addressable Fire Alarm Radio Transmitter



### Features:

- Large System Capacity
- Transmits Addressable Radio Coded Alarm, Supervisory and Trouble Signals
- Four Class A/B Indicating Circuits rated at 1.7 Amps each
- Correlatable Switch Inputs Which Allows for Multifunctional Outputs
- Radio Transmission Up To 25 Miles Away
- Large 4 by 20 Character Back-lit LCD Display with User Friendly Menu
- Common Control Switches and/or Indicating LEDs for System Reset, Signal Silence, Fire Drill, Acknowledge, A.C. On, Pre-Alarm and Ground Fault



*FX-2003/RT*

### Description:

The FX-2003/RT Intelligent Analog Fire Alarm Control Panel with Radio Transmitter is designed to provide maximum flexibility of analog radio communication system while also providing easy installation and operation at a cost-effective price.

The FX-2003/RT base panel consists of one intelligent analog loop controller capable of supporting 99 Analog Sensors and 99 Addressable Modules which can be wired in Class A (Style 6 or 7) or Class B (Style 4). The system can be expanded by adding additional Analog Loop Controller Modules which allows up to 8 addressable circuits loops w/99 sensors per loop. In addition the base panel supports 16 conventional hardwire adder modules such as the DM-1008A Initiating Circuit Module, KFSGM-1004A Indicating Circuit Module and the KFRM-1008A Relay Circuit Module.

Additional conventional hardwire adder modules can be added with the KFALC-H16 Adder Hardwire Loop Controller Module, which allows the system to support an additional 16 conventional adder modules. The base panel also consists of 4 Class A/B (Style Z/Y) Indicating Circuits rated at 1.7 Amps each and either a 6 or 12 Amp Power Supply.

The FX-2003/RT panel also provides the most reliable and efficient means of transmitting radio coded alarm and trouble signals to an Emergency Service Dispatch Center having a KFRA-C radio fire alarm receiver(s) up to 25 miles away.

Equipped with a large 4 x 20 Back-lit Alphanumeric LCD display, the FX-2003/RT utilizes a simple Menu system complete with a directional keypad, common control switches and LEDs, Alarm Queue switches and LEDs, two configurable input switches and 16 configurable zone LEDs.

## Operation:

The FX-2003/RT is field programmable via the front panel auto configuration or a laptop computer. In addition, it allows for a three level password protection that can be field defined via a laptop computer. This unique feature allows the installer to determine what functions are accessible for each password level.

The system is also equipped with two Event History Logs; one for Alarm and the other for full panel sequence events. The Alarm History Log (1000 events) contains all alarm related functions while the Event Log (2000 events) provides a full sequence log of all operations, as well as alarms and troubles. Both Event History Logs can be used during the One Man Walk Test operation. This allows the event logs to be downloaded to a laptop or printer for a permanent record.

The FX-2003/RT is a very flexible system which supports both internal and external annunciation modules. The internal annunciation modules consist of the KFRAX-048 Programmable Zone LED Annunciator, the KFIPS-2424 Programmable Input Switches Module, the KFFDX-008 Fan Damper Module and the K FAGD-048 Adder Graphic Driver Module.

## Dimensions:

36.25" x 16.25" x 5"

## ORDERING INFORMATION

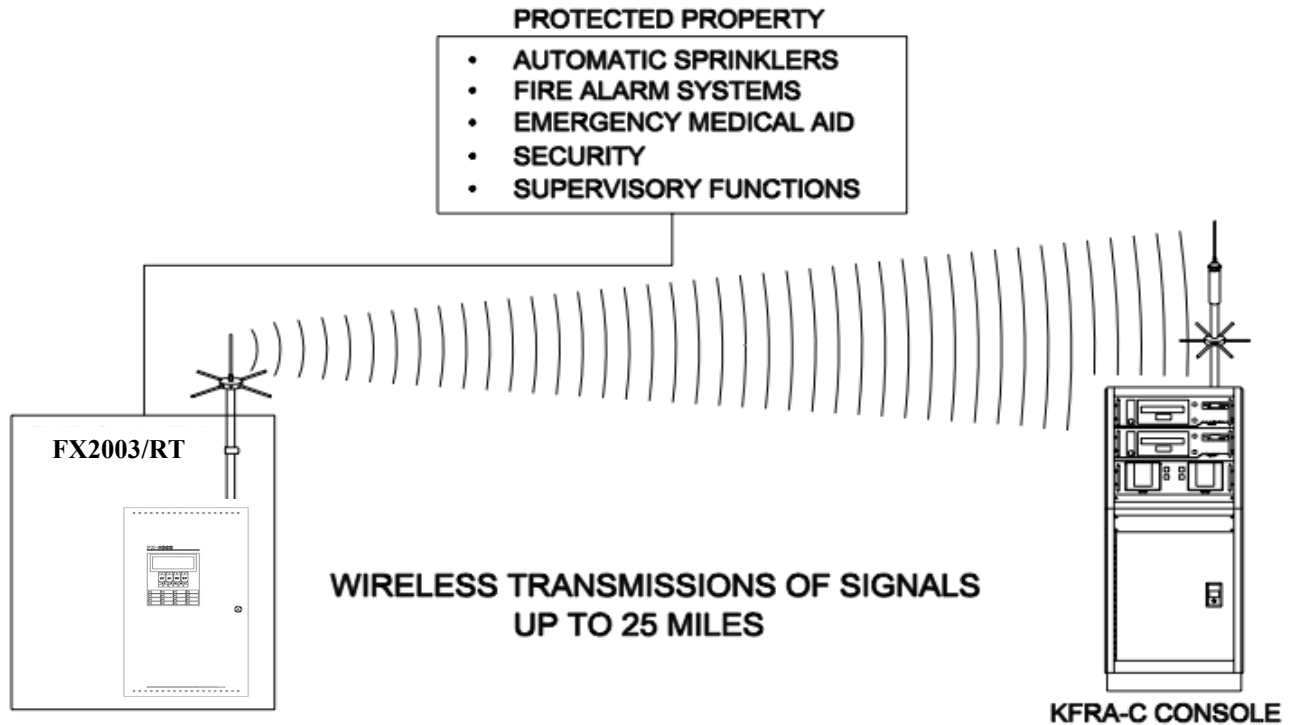
KCi #	Model #	Description
52003	FX-2003/RT	Fire Alarm Control Panel w/Radio Transmitter with 12 amp Power Supply
52002-DTS		Specification Data Sheet

Kingfisher Company, inc., products must be used within their published specifications and must be PROPERLY specified, applied, installed, operated, maintained and operationally tested in accordance with their installation instructions at the time of installation and at least twice a year or more often and in accordance with local, state and federal codes, regulations and laws. Specification, application, installation, operation, maintenance and testing must be performed by qualified personnel for proper operation in accordance with all of the latest National Fire Protection Association (NFPA), Underwriters' Laboratories (UL), National Electrical Code (NEC), Occupational Safety and Health Administration (OSHA), local, state, county, province, district, federal and other applicable building and fire standards, guidelines, regulations, laws and codes including, but not limited to, all appendices and amendments and the requirements of the local authority having jurisdiction (AHJ).

NOTE: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Kingfisher Company, inc., standard terms and conditions

**Kingfisher Company, inc.** 81 Old Ferry Road - Lowell, MA 01854  
Phone: 978-596-0214 Fax: 978-596-0217 [www.kfci.com](http://www.kfci.com)

## DRAWINGS OR DIAGRAMS



### Installations:

- All installations shall comply with the Kingfisher Antenna Installation manual part # 75092

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