

## Description

The FC-5C Fire Alarm Control panel is a proven, versatile, modular control with integral communicator and remote-site Upload/Download capability. It meets the requirements of NFPA Standard 72 for Central Station, Protected Premises, and Remote (DACT) Supervising Station Fire Alarm Systems. It is Listed to UL Standard 864, inherently power limited and meets all UL transient immunity requirements.

The integral communicator includes a wide range of selectable transmission formats to communicate to virtually all central stations. Other features of the communicator are: A line-active indicator for each of two phone lines, "Kiss-Off" signal LED, dual "low telephone voltage detect" circuitry, programmable event codes per format and selectable/deselectable transmission of 62 events. In addition, five zones may be configured to five channels as a slave communicator with auto-resettable channels for use with UL Listed control panels.

Multiple security techniques allow uploading or downloading within one minute without affecting normal fire panel functions. Key system information that can be uploaded are: Current System Status, History, Walk Test Files and System Programming.

An integral voltmeter allows voltage measurements for Zone, AC line, NAC 1, NAC2, resettable power and battery.

The control is housed in a red steel enclosure with back lighted panels displaying the status of vital functions. The surface mounted enclosure, (trim ring optional) with its slim appearance (3-inch depth) is designed to blend with any environment. Space is available for two (2) B-7R batteries.

The many features of the FC-5C control provide a cost effective approach to systems design, and allow a great degree of flexibility in one enclosure. Many of these features include Class B, Style B, (with one Class A, Style D) initiating circuits and two (2) Class B, Style Y or Class A, Style Z notification appliance circuits, expandable from 1.5 to 2.5 amps each. Fully programmable via integral keypad, the notification appliance circuits may be programmed Silenceable, Non-silenceable, Auto-silence (program 5 to 30 minutes) and Silence Inhibit (60 seconds).

## Conventional Fire Alarm Control



FC-5C

## Features

- Inherently power-limited.
- Integral digital communicator.
- Selectable transmission formats.
- Fire drill function.
- Integral voltmeter.
- Fully programmable via integral keypad.
- Auto-reset supervisory operation.
- Temporal pattern output per ANSI S3.41.
- Single person walk test.
- Alarm verification.
- Real-time clock/calendar.
- 32-Event History with time and date stamp.
- Zone disable feature via software.
- Plug-in modules.
- Serial annunciator output (optional).
- Printer interface for on or off-line printing (optional).
- Contact-by-zone module (optional).
- Surface mount technology.
- Periodic trouble reminder via software.
- Operating temperature relative humidity.
- Door back box trim ring.

An ISO 9000-2000 Company



GAMEWELL-FCI

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## Description (Continued)

Also programmable are Alarm Presignal Timer, Alarm Verification Timer and Optional Trouble Reminder.

Supervision of vital components, plug-in modules, functional switches and standby batteries is provided. In addition, an optional serial annunciator driver allows remote alarm annunciation.

## Specifications

Operating temperature: 32° - 120° F (0° - 49° C)

Relative humidity: 85 % (non-condensing)

Dimensions:

|           |  |
|-----------|--|
| Door      | 15 7/32" H x 14 7/32" W<br>(38.7 x 36.1 cm)              |
| Backbox   | 15" H x 14 1/2" W x 3" D<br>(38.1 cm x 36.8 cm x 7.6 cm) |
| Trim Ring | 18 1/8" H x 17 5/8" W<br>(46.0 cm x 44.8 cm)             |

### UL Listed Receivers compatible with FC-10C:

- Ademoco 685
- Silent Knight 9000
- ITI-CS-4000
- FBI CP220FB
- Osborne Hoffman Models 1 / 2
- Radionics 6000/6500
- Sescoa 3000R
- Sur-guard MLR-2

## Ordering Information

| Part Number | Description  |
|-------------|--|
| 700-01190   | FC-5C<br>(Five zone control communicator)  |
| 700-01191   | FC-5C PCB<br>Five Zone Module, replacement board   |
| 700-01215   | FC-5TR<br>Trim Ring  |
| 700-01192   | PRT-24<br>Printer interface module - provides RS-232 printer output.<br>Includes cable, DB9F and DB25 adapter. |
| 700-01193   | ADM-24<br>Annunciator driver module  |
| 700-01194   | RZA-5<br>Remote zone annunciator, 5 zones (requires one (1) ADM-24)<br>Mounts on single gang box.              |
| 700-01195   | RM-5F<br>Five-relay module (contact-by-zone)   |
| 700-01196   | CAC-5F<br>Class "A" initiating circuit converter module  |
| 700-01197   | SK-5C<br>Software kit (upload/download utility)  |
| 700-01221   | XRM-FC5<br>120 VAC, 1 00 VA transformer, expands NAC total power from 3.0 to 5.0 amperes.                      |
| 600-90000   | MCBL-7<br>DACT phone cord, 7 feet long (2 required)  |