FCi® FIRE CONTROL INSTRUMENTS
by Honeywell

FC-10C
TEN ZONE PANEL

Conventional Fire Alarm Control

FC-10C

Description

The FC-10C Fire Alarm Control panel is a proven, versatile, ten-zone 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 up to 100 events.

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, NAC1, NAC2, resettable power and battery.
Housed in a red steel enclosure, the surface mounted unit, (trim ring optional) provides space for two (2) B-7R batteries.

The many features of the FC-10C control provide a cost effective approach to systems design, and allow a great degree of flexibility in one enclosure. Many of these features include two (2) notification appliance circuits (expandable to four) with output expandable from 3.0 to 6.0 amps total. Class A operation is possible with optional modules. 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).

Initiating zones may be programmed for process monitoring via latching or non-latching contact closure and can be used to monitor high-low temperature, loss of air flow, water level, gas detection, open/close, refrigeration and non-fire related tamper functions.

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

Features

- Inherently power-limited.
- Integral digital communicator.
- Fifteen (15) selectable transmission formats.
- Up to 100 transmitted events/messages.
- 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 with 256 event walk test memory.
- Alarm verification.
- Real-time clock/calendar.
- 256-Event History with time and date stamp, stored in permanent memory.
- Zone disable feature via software.
- Two (2) fully programmable Form "A" relay contact output.
- Programmable trouble reminder.
- Surface mount technology.
- Ground start module (optional).
- Contact-by-Zone module (optional).
- Serial annunciator output (optional).
- Printer interface for on or off-line printing (optional)

An ISO 9000-2000 Company

SIGNALING
UL LISTED S1869   MEA Approved

Description (Continued)

Optional modules are available for ground start operation, trouble reminder and addition of two (2) fully programmable Form "C" relays. An optional serial interface allows for a choice of remote annunciators with switches for Reset, Drill, Silence and Acknowledge.

Specifications

Operating temperature: 32° - 120° F (0° - 49° C)
Relative humidity: 85 % (non-condensing)
Dimensions:

Door	17 1/8" H x 14 3/4" W (43.46 x 37.36 cm)
Backbox	16 7/8" H x 14 1/2" W x 4 1/2" D (42.93 x 36.83 cm x 11.43 cm)
Trim Ring	20 1/8" H x 17 5/8" W (50.85 x 44.75 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

Ordering Information

Part Number	Description
700-01198	FC-10C (Ten zone control communicator)
700-01199	FC-10C PCB Ten Zone Module, replacement board
700-01216	FC-10TR Trim Ring
700-01192	PRT-24 Printer interface module - provides EIA-232 printer output. Includes cable, DB9F and DB25 adapter.
700-01201	LED-101M RS-485 interface module
700-01202	RZA-10 Remote zone annunciator, 10 zones (requires one (1) LED-101M) Mounts on three-gang box.
700-01203	RZA-10L Remote zone annunciator, 10 zone limited. (requires one (1) LED-101M) mounts on three-gang box.
700-01204	RZA-10LS2 Remote zone annunciator, 8 red, 2 yellow LEDs (requires one (1) LED-101M) mounts on three-gang box.
700-01205	ACM-8RF Eight-relay module (contact-by-zone)
700-01206	CAC-10F Class "A" initiating circuit converter module
700-01207	NAC-REM Two NAC/two form "C" add-on module
700-01213	SK-10C Software kit (upload/download utility)
700-01222	120 VAC, 100 VA transformer, expands NAC power from 3.0 to 6.0 amperes and system power from 3.6 to 6.6 amperes.
600-90000	MCBL-7 DACT phone cord, 7 feet long (2 required)

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9020-0459 Rev. G page 2 of 2