

One Door Panel - Supports 250 users, 50 events, full duplex RS232, three time schedules, one auxiliary relay, forced entry, door ajar and request-to-exit. (Order P/N 1000).

Programming - Programming is quick and simple. All programming and operating data appears on a 16 character Liquid Crystal Display (LCD). All menu option instructions appear on a faceplate directly below the programming keypad and LCD, guiding the System Administrator for step-by-step data entry.

Each time a door is accessed, the user number, time and date are displayed on the LCD. By connecting an optional serial printer a detailed can be printed.

Communications - The RS232 full duplex output supports a serial printer for on-site reports, or a VT-100 Video Display Terminal (VDT), PC or modem for quick programming on location or off-site.

When using "dial-up" phone lines, a modem is required at the System 1 location and at the off-site programming location. A PC or Video Display Terminal is also required.

When accessing the system from a remote location you may add or delete users, change codes, invalidate cards, set time zones and set relay functions. In addition to the programming functions, doors can be unlocked on command.

Time Schedules - The System has three individual time schedules. Each schedule includes the seven days of the week, for a total of 21 time zones. Any of these schedules can be assigned to users or to the door for automatic operation.

If a time schedule is assigned to a user, that code or card will have an time zone restriction attached to it. The code/card will only be valid during the programmed time.

Relays - The System has two heavy-duty relays. One relay is used to lock and unlock the door and the other relay (auxiliary relay) is available for door ajar, forced entry or time cancel.

Illuminated LED outputs on the panel and input device monitor the status of the relay.

The relay may be programmed for a momentary time of up to 250 seconds or it can be latching (on/off). It may also be programmed to operate automatically up to six times a day, seven days a week.

Input Technologies - System 1 supports the use of Keypads, Bar Code, Data Chip, Magnetic Stripe, Proximity and Wiegand card technologies which require a card to be either swiped, inserted or presented to the reader.

Inputs - Door Ajar & Time Cancel - The System can sense when a door (or switch) is opened, the length of time it remains open, when it's closed. *Request-To-Exit* - Use a normally open button or passive infrared to allow emergency exit from a locked area without having to use a keypad or reader.



Additional Benefits & Features

Built-in brilliant 16 character LCD for onsite programming.

Program and print reports locally or from a remote location.

Control door locks, garage doors, arm/disarm alarm panels or shunt contacts.

Program users with custom time schedules.

Print system activity.

Remote programming and reporting capability.

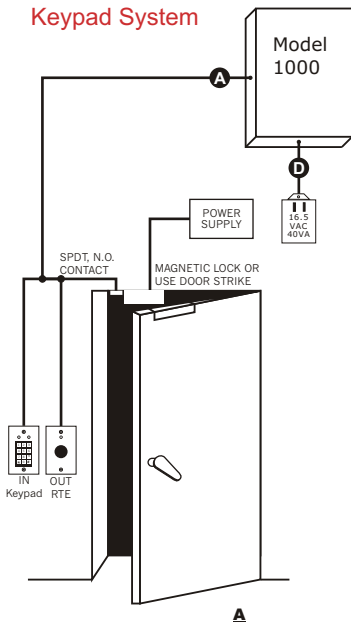
Program three time schedules (21 zones).

Memory stored in non-volatile EEPROM.

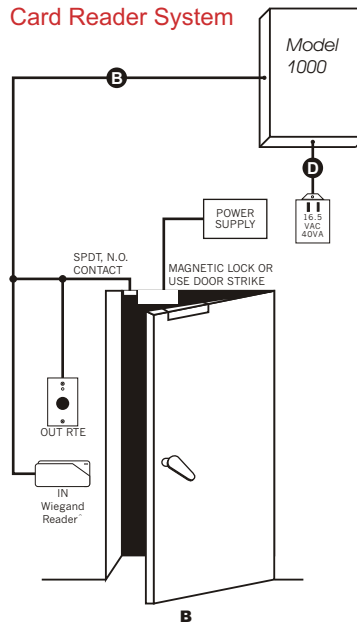
Choose from card readers, data chip readers or any.

Automatic Leap Year Adjustment.

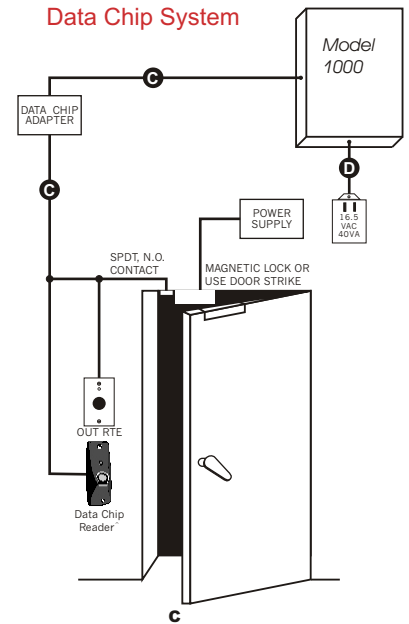
Relays and Outputs are programmable from one second to 250 seconds.



8 conductor, 22 gauge, shielded, non-twisted - 1000 feet maximum.



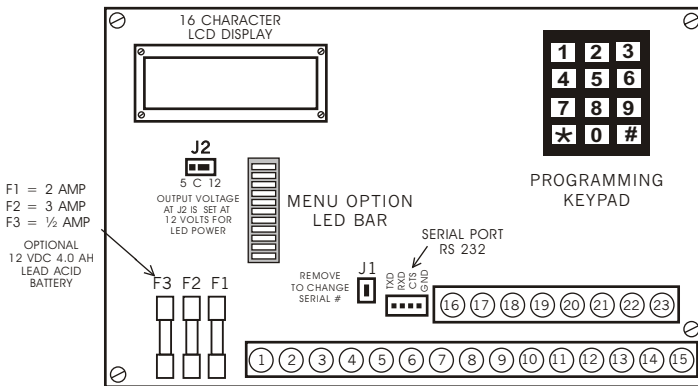
8 conductor, 22 gauge, shielded, non-twisted - 500 feet maximum.



8 conductor, 22 gauge, shielded, non-twisted - 500 feet maximum.

D = 2 conductor, 18 gauge, 10 foot minimum.

Circuit Board Layout:



Specifications:

- Class II Transformer 16.5VAC @ 15VA
- 4.0 Amp/hr Standby Battery (Optional)
- 1 Main Relay. Form C, 5A @ 30VDC
- 1 Shunt Relay, Form A, 5A @ 30VDC
- 1 Auxiliary Relay. Form C, 1A @ 30VDC
- 1 Keypad, Data Chip, or Card Reader Input
- Cabinet Size: 9" X 12" X 4"
- Temperature Operating Range 32° F - 110° F
- Output Time: Adjustable 1 - 250 Seconds or Latching

Ordering Information:

System

1000 Single-Door Panel

Readers

- 4307 Data Chip
- 4160 Bar code
- 4075 Outdoor Mag-Stripe
- 4177 Proximity - 4"-5" Range
- 4178 Proximity - 3"-4" Range
- 4179 Proximity - 4"-5" Range
- 4182 Proximity - 5"-8" Range
- 4183 Proximity - 5"-8" Range
- 4042 Wiegand - Beige Swipe
- 4044 Wiegand - Black Swipe

Cards

- 4320 Data Chip on Metal Tag
- 4321 Data Chip Only
- 4151 Bar code
- 4074 Mag-Stripe
- 4190 Proximity Standard (30 bit)
- 4192 Proximity Key-Tag (30 bit)
- 4047 Wiegand, Photo ID (30 bit)
- 4048 Wiegand, Photo ID (30 bit)
- 4049 Wiegand, Standard (30 bit)

Keypads

- 4010 Indoor w/ 1 LEDs
- 4064 Outdoor, Heavy-Duty
- 4012 Outdoor, w/ 2 LEDs
- 4066 Outdoor, Hvy-Duty, 2 LEDs

Surge Protectors

- 4238 For multiple transformers
- 4239 For RS232 line
- 4240 Use for System 1 panel

Wire (conductor/gauge)

- Standard
- 4023 1000 ft 8/22, shielded, non-twist

Plenum

- 4022 1000 ft 8/22, shielded, non-twist

Request-To-Exit Buttons

- 4035 Heavy-Duty - illuminated
- 4135 Standard-Duty

Accessories

- 11 Flush Mount Box for 4010
- 12 Surface Mount Box for 4012
- 14 Surface Mount Box for Heavy-Duty Keypads
- 4301 Data Chip Adapter - required when using a Data Chip reader.

Power Supplies

- 4094 6-12 volt for door locks

Modems

- 4126 Phone Modem

These specifications, product features and product information are subject to change without notice or obligation. Before purchasing or specifying this equipment, be sure to call Corby Customer Service to verify the current status of intended products, software, or firmware features to ensure the product(s) will meet or exceed your requirements. Corby Industries, Inc. is not responsible for typographical errors.



Proudly made in the U.S.A. by Corby

Architectural Specifications:

The access control system will be a Corby Model 1000, "System 1", or approved equal. The system will control one door. It will be housed in a metal cabinet measuring 9" X 12" X 4". The cabinet will have a lock and hinged door to prevent unauthorized access to the wiring. User and door data will be programmable through a built-in, panel mounted, 12 digit keypad and 16 character LCD display. This data will be stored in a non-volatile EEPROM. Loss of AC or battery power will not cause memory loss. System will provide an RS-232 interface for optional programming through a video display terminal or connection to a printer for the logging of events. System will provide built-in charging for an external lead acid battery to support full system operation upon loss of main AC power. System will operate at 16.5 VAC or 12 VDC. System will support 250 users and record the last 50 events. Three time schedules will be provided for the control of users and door control. Each time schedule will contain seven time zones for a total of 21 time zones. The system will support a perpetual clock and calendar system accurate to the year 2086.

System will accept a 4000 series keypad, Wiegand-type, magnetic stripe, bar code or proximity reader wired directly or Data Chip reader connected through a Data Chip adapter module. The maximum keypad wire distance will be no less than 1000 feet, and the maximum reader wire distance will be no less than 500 feet. System will accept a Normally Closed (N.C.) door contact input for the purpose of monitoring forced entry and door ajar status. System will contain a form C relay, rated 1 amp @ 30 VDC, for annunciating a forced entry or door ajar condition. System will support a request-to-exit input to service a Normally Open (N.O.) egress device. System will be capable of operating an electric door lock via both a form C and form A relay rated 5 amp @ 30 VDC operating in tandem. System will provide up to 250 seconds of momentary relay time to control the door lock or the relay can be set for on-off-on-off latching operation.