SYSTEM OPERATION

Users can pass through an entry point secured by a keypad, reader, or combination of both by entering a correct code into the keypad or presenting a valid card or Data Chip to the reader. The System then decides if the user is allowed access to this door during the current time. It then grants or denies access. Valid entries and invalid attempts are recorded in the event buffer.

Doors can be programmed to automatically lock/unlock according to the time schedules set up by the System Administrator.

SYSTEM 4 has a built-in clock and calendar that automatically adjusts for daylight savings time and leap year. The 16 holidays allow the System to substitute holiday schedules for users and/or doors.

All data entry is accomplished using the supplied programming keypad and printer.

Programming Keypad

8 TIME SCHEDULES

The SYSTEM 4 contains eight individual time schedules. Each unique schedule includes all seven days of the week including any holidays if applicable. Each schedule can be assigned to individual users and/or to a door or group of doors.

You can restrict the access of any or all users during any specified time or day. Example: The custodian can be assigned a schedule to allow access only from 8:00 PM to 10:00 PM on Tuesdays and Thursdays. Any attempt by the custodian to enter at any other time will produce a CODE ERROR.

For Automatic Relay Operation, you can lock/unlock doors anytime using another schedule (8 are available). Example: Any door can be programmed to automatically open at 9:00 AM and lock at 5:00 PM each work day, and remain locked on Saturday, Sunday, and Holidays.

PROGRAMMABLE RELAYS

All five Relays are fully programmable for custom operation. The four main relays are heavy-duty Form "C", SPDT. The auxiliary relay is Form "A", SPST. All have isolated (dry) contacts.

MOMENTARY: The relay and/or door will operate for a preselected period (from 2-250 seconds) whenever a valid code, card or Data Chip is used.

LATCHING: The relay and/or door operates in the same manner as a lamp controlled by a toggle switch. It will remain on until turned off, and remain off until turned on. Valid codes, cards, Data Chips or time schedules will operate this function.

PROGRAMMING USERS

Programming is fast and easy, even for the first-time user. All data is menu driven on the supplied printer, which prompts the System Administrator, in plain English, for step-by-step data entry.

It's easy, and takes only seconds to add or delete a user. To save programming time, codes or cards can also be batch loaded.

Users of the System can be programmed with an ID number, time and door restrictions, Duress and Anti-Passback.

ANTI-PASSBACK

If the Anti-Passback feature is needed for a door or parking gate, two readers, data chips, or keypads must be used, one on each side of the door. A card used to enter becomes inactive until it is used to exit a door or gate.

DIGITAL KEYPADS

Corby manufactures many different keypad styles designed for indoor or outdoor use.

Indoor keypads are supplied with one or two factory installed LEDs which provide the user with a visual feedback of System operation and status.

Outdoor Keypads are available with or without a cover. A Heavy-Duty cast metal keypad is available for high traffic areas. In addition, Corby manufactures a unit in a lock-box that is designed to be mounted on a pedestal for vehicle applications.

Model 4010
Indoor Keypad

ACCESS CARDS

SYSTEM 4 supports the use of Bar Code, Magnetic Stripe and Wiegand card technologies which require a card to be either "swiped" or "inserted" into the reader.

The System also supports Proximity readers which sense the presence of a card when it is within a range of 3"-30", which varies depending on the reader style.

All readers are available in weatherproof versions and can be installed in almost any kind of environment including driveways for vehicle identification.

A Reader Interface Module is required for each card reader (but not for keypads).

Model 4073
Mag-Stripe Reader

Model 4074
Mag-Stripe Cards

Model 4179
Proximity Reader