

The CYPHER LOCK's push-button panel is built tough to withstand years of continuous use. A raised stainless steel enclosure shields the recessed buttons from the view of onlookers-an important "spyproof" feature.

CYPHER LOCK's built-in flexibility permits you to tailor your own security program. Change your entry code as frequently as you wish. Even with a new code entered every day, it would take over 13 years to exhaust all possible combinations.

Programming your 4-digit entry code is easy. There are ten numbered plugs in the controller that correspond to the ten numbers on the push-button panel. Select your 4-digit combination and simply insert those four numbered plugs in sequence into the four upper sockets on the control panel. The remaining six plugs are randomly inserted into the lower row of sockets. Programming the entry code takes less than 15 seconds and no tools are required.

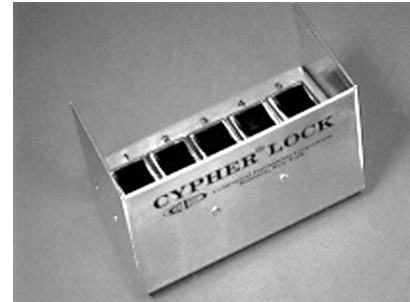
Individual traffic flow and security requirements may call for varying lengths of time for which your door remains unlocked after the correct combination is entered. A person entering a computer room will require less time to enter than a truck driver going through a parking lot gate. A control knob on the CYPHER LOCK control panel allows you to set the "door-open" time from one to fifteen seconds.

To prevent unauthorized access by guessing, a "time penalty" feature will deactivate the push buttons upon entry of an incorrect combination. This means the system will not react to another guess or even the correct code for a given time interval. You may select the time penalty control knob from 0 to 60 seconds. A person could enter number after number and never know that CYPHER LOCK isn't even registering the guesses.

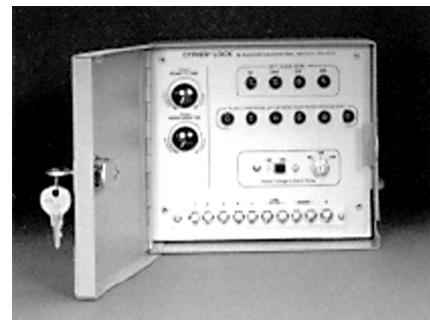
CYPHER LOCK provides output voltage which can be adjusted to work with virtually all popular electric door strikes. Control panel switches allow you to select an output of 6, 12 or 24 volts in either AC or DC. Standard input is 115 VAC (220 VAC on request at no extra charge). Other special input or output voltages are available as an option.

OPTIONS

- Hostage Alarm
- Error Alarm
- Emergency Battery Standby
- Cable Escutcheon Plate
- Special Outputs
- Visitor's Annunciator
- Door Alarm Shunt
- Control Box Tamper Switch
- Outdoor Weather-Resistant Panels
- Deluxe Control Package (Model S100)



MODEL S PANEL



STANDARD LOGIC CONTROLLER

MICROTERM®

Microterm is a user programmable stand alone, single door intelligent access control system. Built as a self-contained intelligent controller, Microterm is designed for mounting in a triple gang gem box right at the door. Microterm provides fully functioning single door stand alone access control for up to 200 users with up to 10 unique user defined access time zones (schedules). Microterm has three inputs and three outputs. An optional Expander Kit provides up to 1500 users, 128 time zones, networking (up to four Microterms) and 2 way dial-up capability via external modem interface. The stand alone Microterm comes with free software enabling it to be user programmed via PC or Laptop. Microterm is also programmable through a simple keypad. Printer capability is standard for all versions.

FEATURES:

Complete Self-Contained System

Microterm operates directly at the door as a complete system without separate or remote control panels. Microterm contains a user programmable CPU. Three inputs and three outputs are provided for functions such as door lock relay, contact monitoring and shunt, request for exit and alarm panel interface.

Reader Flexibility

Microterm is able to read Wiegand, Magnetic, Proximity, Dallas Chip and Keypad readers without any special interface.

One Power Supply Runs Reader, Strike and Microterm Needing only one 12 volt DC filtered power supply for reader, electronic strike and Microterm operation, this unique feature makes Microterm easy and economical to install. The entire system including Microterm, readers and strikes can be battery backed for full operation with a UPS power supply.

Protected Memory

The entire CPU and memory is protected with an on board Lithium battery. In the event of a complete system battery backup failure, Microterm would not lose it's data base card holders and system operating instructions. Upon the return of power, Microterm would be instantly operational.

200 Individualized Microterm Users, Option for 1500 Microterm allows for user programmable individualized employee access control parameters by time zone (schedule), specific days, weekends and holidays.

Timed Event Scheduling

Time zones can be utilized to automatically control system functions such as unlocking a door for daily free access without utilizing an access credential and nightly relocking with access control credential needed for entry.

Anti-Passback: Second Reader

Microterm has a second port allowing installation of a second reader at the door for anti-passback configuration or "in-out" control. This feature can be utilized for applications such as parking control, high security locations and Doctors registry.

Optional Expander Kit

Networking, dial-up modem interface, 128 time zones, 1500 users and dial-up remote programming/monitoring are available with the addition of the optional Expander Kit.

Continental Microterm Reader Kits

Continental Microterm Reader Kits are available with Wiegand, Magnetic, Dallas Chip, and Keypad readers mounted on a triple gang metal face plate. Proximity may be ordered without the face plate. The readers are also available in combination with keypad on the face plate. Continental Reader Kits easily connect to the Microterm control panel to provide a completed system mounted in a standard triple gang gem box. A second reader port is available for anti-passback applications at the same door.