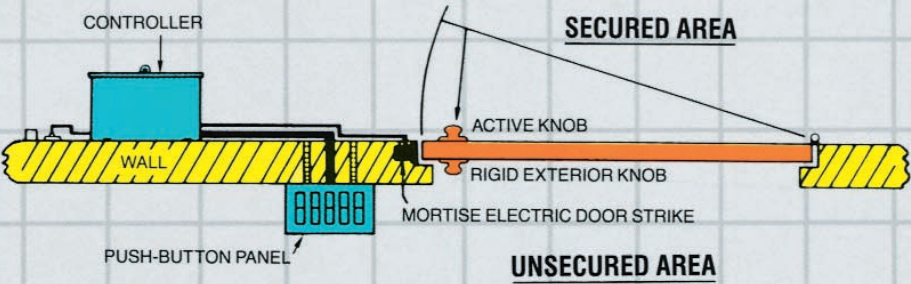# CYPHER® LOCK

CYPHER LOCK is easy to install; easy to wire

Every CYPHER LOCK is supplied with all hardware necessary for mounting the controller and push-button panel plus 10 feet of push-button panel cable for easy installation. Up to 4,000 feet of cable is available at extra cost. Detailed installation instructions are included with each system.

CONTROLLER · SECURED AREA · ACTIVE KNOB · RIGID EXTERIOR KNOB · WALL · MORTISE ELECTRIC DOOR STRIKE · PUSH-BUTTON PANEL · UNSECURED AREA

CYPHER® LOCK ORDERING GUIDELINES

Push-button panel options*

Indoor	Dimensions
Surface mounted indoor decorator panel (Opt. A15)	5⅜H x 6½W x 2½D
Flush mounted indoor decorator panel (Opt. A8)	Face plate 7¼H x 3W x 1/16 thick Back box 4¼H x 2W x 2D

Outdoor	
Heavy duty MIL. SPEC. stainless steel outdoor panel (Opt. A17)	6H x 3¼W x 1½D
Escutcheon plate for A17 (Opt. A17-1)	9¼H x 5¼W x 1/16 thick
Spy-proof rim for A17 (Opt. A17-2)	
Spy-proof rim with hinged cover for A17 (Opt. A17-3)	
Utility weather resistant panel (Opt. A3)	6¼H x 4¼W x 3½D
Outdoor enclosure (Opt. A11B)	12¼H x 10¼W x 5½D

Note: All dimensions in inches

*When optional push-button panels are ordered with a CYPHER LOCK, we will automatically delete the standard push-button panel and apply the proper allowance. When panels are ordered alone, use the "Cost of Components Ordered Separately" section of the price sheet.

Hardware

The following hardware is included with every CYPHER LOCK:
10 ft. multiconductor cable**
10 ft. two conductor output cable
Two #10-32 x 10" long threaded rods
Two #10-32 capnuts
Two #10 flat washers

**Up to 4,000 ft. of cable available at extra cost. Specify total length needed.

System features

	Model S Standard Unit	Model S100
Solid-state logic controller (6H x 6¾W x 5⅞)*	Std.	Std.*
Standard push-button panel (3½H x 5⅛W x 2 9/16D)	Std.	Std.
Electric door strike	Opt.	Opt.
Code bypass feature	Std.	Std.
Programmable entry code	Std.	Std.
Programmable time penalty	Std.	Std.
Programmable door open time	Std.	Std.
Adjustable voltage output	Std.	Fixed D.C.
Hostage alarm	N/A	Std.
Error alarm	N/A	Std.
Emergency battery standby (Opt. B2)**	Opt.	Std.
Door alarm shunt	N/A	Std.
Special outputs (Opt. A5)	Opt.	Opt.
Visitor's annunciator	Std.	Std.
Control box tamper switch (Opt. A10)	Opt.	Opt.
Pendant switch (Opt. A21)	Opt.	Opt.
Escutcheon plate (Opt. A20)	Opt.	Opt.

Note: All dimensions in inches

*Controller with battery standby: 9⅛H x 6¼W x 5⅞D
**Specify 6-, 12- or 24-volt DC. If not specified, 24 VDC will be provided.

To order:

Specify CYPHER LOCK Model plus option numbers. Example: Model S with option SC, B2 (24 VDC), A6. This is a standard CYPHER LOCK with hostage alarm (SC), battery standby to operate a 24 VDC Electric Strike (B2), and a visitor signaling feature (A6).

Electrical requirements:
115 volts AC, 1 amp input

Shipping weight:	**Carton size:**
10 lbs. (Model S)	8 x 8 x 12 inches

The CYPHER® LOCK System exceeds Dept. of Defense (DOD) Industrial Security Manual par: 36B Federal Stock Number (Model S) FSN 5340-957-4190 Federal Supply Code for manufacturers (Model S) FSCM 51677 National Stock Number NSN 6350-00957-4190

1-(800)-CIC-1961

CYPHER® LOCK

PROGRAMMABLE SECURITY WITH PUSH-BUTTON CONVENIENCE…SINCE 1961.

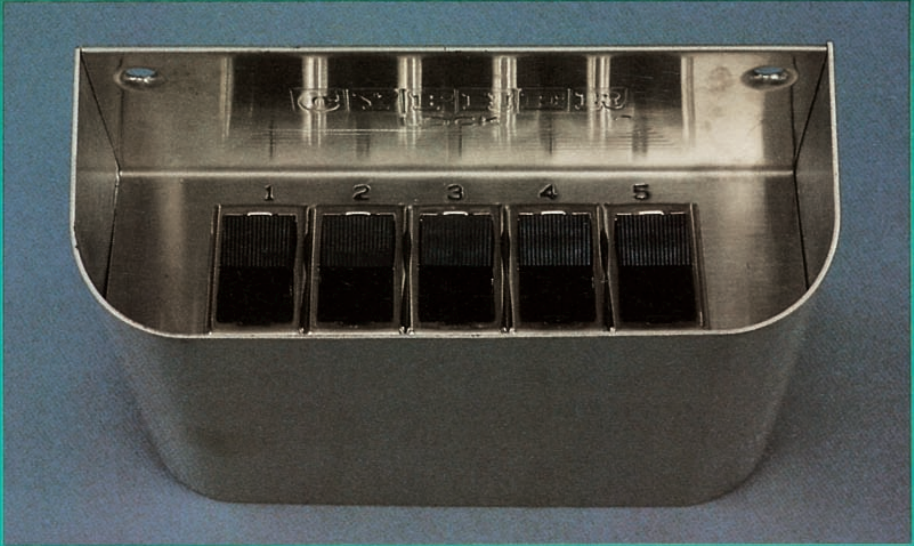### The industry standard for single-door Access Control

CYPHER® LOCK is the affordable electronic push-button Access Control system that permits entry only to those who know its correct 4-digit code. There are no keys to issue; no cards to buy or replace. You program the entry code in just seconds and inform only authorized personnel of the combination. And you can change the code as often as you wish.

Model S—standard unit

Every CYPHER LOCK system includes a push-button panel and a logic controller that will activate electric door strikes, electrified dead bolt locks, automatic door openers, parking gates, in fact, nearly any electric door lock. Plus it offers electronic safety and back-up features that make it far more intelligent than a conventional lock and key. Select a CYPHER LOCK system with the standard and optional features that meet your precise needs. Adjustable "time penalty" when incorrect numbers are entered. Adjustable "door open" time. Hostage alarm for entry under duress. Error alarm to expose guessers. Battery standby. Burglar alarm interface. Indoor and outdoor push-button panels. And much more. Enjoy CYPHER LOCK security today. Installation is fast, and the cost is surprisingly affordable.

On the job around the world

CYPHER LOCK has a proven track record as the most reliable tool for maintaining round-the-clock entrance control without inconveniencing the traffic flow of authorized personnel. It's in use today around

the world in tens of thousands of locations where control of access is essential:
• Computer rooms
• R & D laboratories
• Embassies
• FAA control towers
• Storage areas for controlled substances, weapons, etc.
• Corporate offices
• Financial Institutions
• Control of exterior doors, interior doors, parking areas, etc.

Easy to use and hard to fool

Even where traffic flow is heavy, CYPHER LOCK is so simple to use that authorized personnel are not inconvenienced. To gain access you just enter the memorized 4-digit code in CYPHER LOCK's push-button panel. The panel is wall mounted outside the secured area near the door, and wired to the controller, which is conveniently located within the secured area. Only when the correct 4-digit sequence is entered will the controller release the door strike. To admit a visitor, "Code Bypass" capability enables personnel to unlock the door from a location inside the secured area without entering a code in the push-button panel.

CYPHER®LOCK

VERSATILE AND RELIABLE. EASY TO USE. EASY TO PROGRAM.

A smart, practical design

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 "spy-proof" feature.

Standard Push-Button Panel

It's easy to program CYPHER LOCK around your special needs

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.

Program the "Entry Code" in seconds

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.

Program the length of time the door will stay open

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.

Program a "Time Penalty" to protect against random code entries

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.

Adjustable voltage output

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.

The total time needed to completely program your CYPHER LOCK system is less than half a minute. It's that simple!

Model S—standard logic controller.

OPTIONS

A Wide Range of Options For Every Application

With its wide array of options, CYPHER LOCK is ideal for a number of security solutions in a variety of industries and applications.

For business and industry, CYPHER LOCK can help protect valuable assets in executive offices and lobbies in office buildings, as well as valuable inventory in factory warehouses and sensitive materials in R&D labs at manufacturing firms. Important personnel offices and files and vital MIS departments can also be protected with CYPHER LOCK units at the door.

Medical centers and hospitals can utilize CYPHER LOCK to control access to patient areas and pharmaceutical stations.

Airports, government buildings, schools, universities and other institutions can use CYPHER LOCK to allow only authorized personnel entry to key areas.

Important options include the following:

Special outputs

Any voltage other than standard. For example, dry contact output, fail safe operation, etc. Order Option A5 and specify output.

Cable escutcheon plate

Stainless steel plate cover rough holes where push-button panel cable exits from inside wall. 2¼" x4¼". Order Option A20.

Emergency battery standby

A back-up battery automatically takes over powering both the controller and door strike in the event of a power interruption. The rechargeable batteries contained in the control box are maintained at full charge during normal operation. Only a 6, 12 or 24 volt DC strike voltage may be ordered. This option must be specified at time of original order. Order Option B2 and specify 6, 12 or 24 volt DC output.

Visitor's annunciator

A call button for visitor's mounted on the push-button panel sounds a signal in the protected area. Authorized personnel within the secured area may allow entry remotely by using the code bypass button.
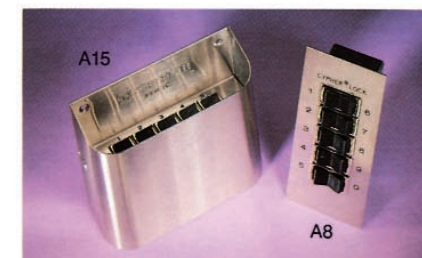
Control box tamper switch

Protects the CYPHER LOCK control box from tampering by initiating an alarm if the control box door is opened. Order Option A10.

Pendant switch

A convenient device that allows your personnel to remotely operate the standard code bypass function. Order Option A21.

Indoor decorator panels
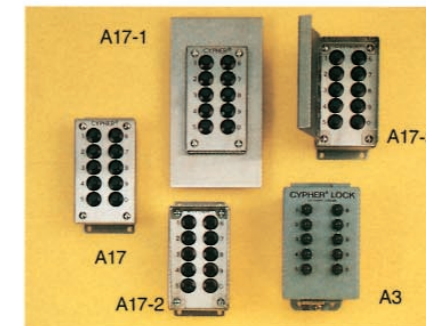

Surface mounted spy-proof decorator panel

This handsome panel features a

contoured, brushed stainless steel enclosure and recessed, spy-proof buttons. Black ribbed buttons are flanked by easy-to-read numerals on brushed stainless steel. Order Option A15

Flush mounted decorator panel

This slim-line stainless steel panel is unshielded and mounted flush with the wall for a built-in appearance. Suggested where appearance is of more importance than spy-proof feature. Order Option A8.

Outdoor weather-resistant panels

Heavy-duty all-weather stainless steel panel

Don't let its good looks fool you. This handsome stainless steel enclosure with internally sealed buttons stands up to extremely adverse environmental conditions: temperatures from −45° to +160°F, dust, salt spray, high humidity and more. Switches meet government specifications for application in airborne, marine and ground support equipment (MIL-S-8895/3B). Order Option A17.

Accessories which can be added to all-weather panel (A17)

Escutcheon plate gives a finished look to flush mounted installations where the surface opening has been roughed out. Stainless steel. Order Option A17-1. (Escutcheon plate *only*.)

Spy-proof rim shields the entry of codes from observation. Popular in

heavily trafficked areas. Stainless steel. Order Option A17-2. (Spy-proof rim *only*.)

Enclosed cover provides spy-proof rim protection plus a spring-loaded stainless steel door. Recommended for extreme environmental conditions. Order Option A17-A3. (Cover only.)

Utility weather-resistant panel

Ruggedly constructed steel utility panel resists rain and snow. Push buttons are protected by individual silicone rubber boots and housed in a UL approved outdoor case. For surface mounting. Not spy-proof. Order Option A-3.

Outdoor enclosure

Protects against weather and vandalism. Cabinet designed to house a standard CYPHER LOCK push-button panel. A T-handle with built-in lock is included. The push-button panel is included as part of the CYPHER LOCK and is not included with this option. Order Option A11B.

Deluxe control package—Model S100

The features most commonly requested for maximizing CYPHER LOCK's security benefits are included in this all-in-one control package. In addition to all of the standard features, Model S100 is equipped with the following extra features:

- Hostage alarm
- Error alarm
- Emergency battery standby
- Door alarm shunt