

Access Control

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From garage door openers to gate operators, from loading dock doors to access control systems, from everyday entry to high security, Linear makes radio controls to cover the industry's diverse range of applications. Single and multi-channel transmitters and receivers can be mixed and matched within product families to address just about any user need.

4-portal Access Controller

Model Number: AM-3

The AM-3 4-portal Access Controller is designed for use as a primary access control device for gated communities, parking garages, office buildings, apartments, dormitories, hotels/motels, commercial buildings and recreational facilities.

Housed in a lockable, plastic enclosure, the AM-3 features a 2-digit LED display, nine status indicators, four relay indicators with four relay activation pushbuttons. Three programming buttons, a reset button, and a power indicator are present. The enclosure is monitored with a magnetic tamper switch.

The system controls its four output relays by responding to various input devices that react to proximity cards, transmitters, and entry codes. The four relay output channels can be programmed to control electric door strikes, magnetic locks, door & gate operators, or barrier gates.

Access is granted or denied depending on the current user's authorization to gain access and system settings that control groups of users or all users. Complete access control event logging, access time restriction, access location restriction, and administration functions are also available to manage the installation.

The AM-3 is network ready. AM-3 units can be interconnected with Linear's AE-1000 and AE-2000 Telephone Entry Systems through a 3-wire RS-485 network.

Two sets of Wiegand inputs are available for connection to 26, 30, or 31-bit Wiegand devices (card readers, etc.). Two sets of PBUS inputs are available for connection to Linear's line of remote accessories.

Installation and programming are made easy by Linear's AccessBase2000 software.

Features

- * Full control of 4 doors; each supporting request to exit and door status monitoring
- * 10,000 Cardholders
- * 46,500 block enrolled cards; 20,000 individual cards
- * 46,500 block enrolled transmitters; 20,000 individual transmitters
- * 20,000 entry codes
- * 20,000 event transaction log
- * Direct input for 2 card readers; add AM-CRI's for more
- * Local programming using a PC and AccessBase2000 at 33.6 Kbps
- * Remote programming using optional ACM-1 modem (ACP00905) and AccessBase2000 at 33.6 Kbps
- * 32 security levels, 32 time zones, 32 door schedules, and 24 holiday schedules
- * Relay auto lock/unlock schedules
- * Automatic door relock when door sense input is used
- * Extensive ESD and lightning protection of all inputs and outputs
- * Cabinet tamper switch included; tamper events are tracked in the event log.
- * All data memory is non-volatile FLASH with data retention in excess of 10 years
- * RF frequency: 318 MHz
- * 11.5" W x 12.5" H x 4" D

1-Channel Block Coded Key Ring Transmitter

Model Number: ACT-31B

The Model ACT-31B 1-Channel Block Coded Key Ring Transmitter is designed for use with Linear's access control

products. The Model ACT-31B is a single-channel device supplied with a quick-disconnect key ring. Also included are lithium batteries with a five-year service life. A unique 10-second time-out feature prevents the system from being shut down by a single transmitter transmitting continuously.

The transmitter is MegaCode format, which means each transmitter is factory preprogrammed with one of over 1,000,000 codes, virtually eliminating the possibility of code duplication. Because the receiver "learns" each specific code, no unauthorized person can gain access to the system by reprogramming a transmitter.

Block coded transmitters are factory programmed to a sequential series of transmitter ID codes. When used with a Linear access controller, transmitters can be locally or remotely programmed into memory by entering the first and last codes of the block into the system. Facility codes can be selected to further customize the system.

Features

- * Compatible with all Linear access receivers and controllers
- * Supplied with quick-disconnect key ring
- * Factory programmed MegaCode format supports over 1,000,000 codes
- * Two type 2016 lithium batteries supplied
- * RF frequency: 318 MHz
- * 1.25" W x 2.25" H x 0.48" D
- * Minimum order quantity 10 transmitters

Telephone Entry System

Model Number: AE-1

Linear's Telephone Entry combines telephone entry with full-featured access control, including keyless entry and panic functions. It is extremely easy to operate, making it ideal for a wide range of applications, including apartments, condominiums, dormitories, office buildings, and gated communities. It offers security, convenience, and handicapped access.

As a telephone entry system, it provides full duplex telephone communications through hands-free operation, and controls four openings via touch-tone telephone. It is supplied in a rugged, stainless steel, surface mount housing that will withstand years in the toughest environments.

Remarkable ease of operation is made possible by a highly visible keypad and large display, which presents visitors with a scrolling directory of up to 3,500 occupants (residents or employees) by name and code. When a code is entered on the keypad, a two-way voice link is established so the occupant can identify the visitor and grant access. Occupants gain entry using a special transmitter by keyless entry.

AE-1 (64): 500 User / 500 Event Capacity

AE-1 (128): 1,000 User / 5,000 Event Capacity

AE-1 (256): 2,500 User / 10,000 Event Capacity

Features

- * Ideal entry system for apartments, condos, gated communities, dormitories, offices and other commercial sites
- * Extensive capacity - up to 3,500 users
- * Controls up to four portals via touch-tone telephone and keypad entry
- * RS485 capability for networking up to 32 doors
- * Full duplex telephone communications
- * Built-in radio for keyless entry - wireless activation from up to 250 feet away
- * Large LCD display, 2 lines by 16 characters
- * Field programmable directory, talk time, and display message
- * Selectable extended talk time
- * Accepts inputs from remote keypads, Wiegand cards, and proximity devices
- * Programming via built-in keypad or PC software
- * Optional sunlight visor and stainless steel post mounting plate
- * Can be networked - up to 64 units
- * Windows based software for installation management

Exterior Digital Keypad

Model Number: AK-1

The Model AK-1 Exterior Digital Keypad is a digital keyless entry system designed for access control applications. The keypad is housed in a rugged cast aluminum enclosure that can be mounted to a pedestal or bolted directly to a wall. The die-cast keys have bright, easy-to-read yellow graphics.

Up to 480 entry codes, from 1 to 6 digits in length, can be programmed. They can activate either, or both, of the relay outputs.

Features

- * Self-contained keyless entry system ideal for airports, hospitals, warehouses, office buildings, parking lots, and many other commercial facilities

- * Rugged, cast aluminum enclosure for indoor or outdoor mounting on a wall or pedestal

- * Four independent outputs and timers: two form C relays and two solid-state open collector outputs

- * Up to 480 programmable input codes of one to six digits each for activating either or both relays

- * Two LED indicators show system status

- * Key operating features include: door sense input; inhibit input; request-to-exit input; alarm shunt output; timed anti-passback; and keypad lockout

- * Down light illuminates whenever keypad is used

- * Tactile and audible feedback

- * Keylock secures keypad to mounting backplate

- * 4" W x 5.5" H x 3" D