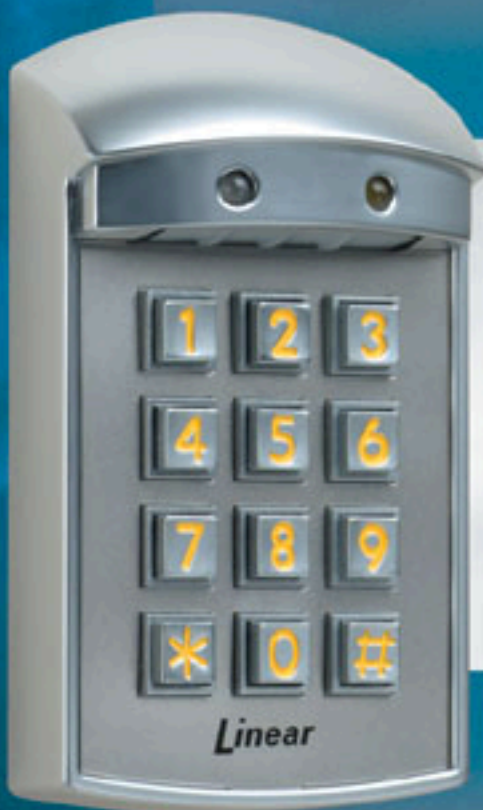


Linear ACCESS[®]

AK-2W

Digital Keypad Entry System

Designed for outdoor applications



- Keypad programmable
 - 480 codes
- 4 independent outputs with programmable actions, activation times
- Die-cast metal housing and keys
 - LED downlight
- Dual color indicators for access, lockout, and programming status
- Mounts in a single-gang electrical box
- “Door sense” input for control of auto relock and door-ajar features



The AK-2W has the same feature set as other Linear keypads in the AK family, but is specifically designed for applications that might involve exposure to weather. It is furnished with a clear plastic boot that covers the electronics and a heavy-duty neoprene gasket for use as a seal in mounting. Like its interior and radio model counterparts, the AK-2W has die-cast metal keys with bright yellow graphics and installs in a standard single-gang electrical box

for quick, easy installation. Tactile feedback ensures complete key presses, an internal sounder with two selectable volume levels audibly confirms each key press and output action.

Up to 480 entry codes (1 to 6 digits each) can be programmed via the keypad without the need for a separate programmer. Each code can activate either or both of the AK-2W's relay outputs and can grant access to different doors. Anti-passback prevents use of the same code again before programmed time elapses.

Users are alerted to system status by a pair of long-lasting LEDs. The left indicator is red to show power is on; it turns green when access is granted. The right indicator lights yellow during a "lockout" from too many incorrect code entries.

Power is supplied by either a 12-24 volt ac or dc source, obtained from either the access device or a separate power supply. Even without power, EEPROM memory retains all entry codes and programming.

SENSE input: Can be used two ways. If programmed for "door sense," the input is wired to a normally closed switch to detect when the door is open or closed. Forced entry or door ajar situations can be detected. If programmed for "inhibit," the input can be wired to a service switch or timer to disable the main relay.

REQUEST-TO-EXIT input: Can be wired to a pushbutton for codeless activation of main relay, auxiliary relay, output 3, or output 4.

ALARM shunt: Activates when access is granted. It can be wired to shunt alarm contacts on the access door/gate to prevent alarming when access is authorized.

Specifications

MECHANICAL

Dimensions: 3.00 in W x 5.00 in H x 3.00 in D
(76.2 mm x 127 mm x 76.2 mm)

ELECTRICAL

Voltage: 12-24 volts ac or dc

Current: 30 mA typical; 150 mA maximum

Outputs:

- Main relay: Form "C" 5 Amps @ 28 volts maximum
- Auxiliary relay: Form "C" 1 Amp @ 28 volts maximum
- Solid-state outputs (outputs #3 and #4):
short-to-common 100 mA @ 24 Vdc maximum

ENVIRONMENTAL

Temperature: -22°F to +149°F (-30°C to +65°C)

Specifications subject to change without notice.

Linear SECURITY

For over four decades, Linear has been a leader in the development of radio frequency transmitters and receivers for the professional security market. We offer a wide range of wireless add-ons, as well as a variety of complete systems based on these RF links. Whatever you need for creating wireless and hybrid security is available from us — panics, remotes, door/windows, smokes, PIRs, bill traps, glass breaks, plus all the receivers and controllers that support them.

Linear ACCESS

Our product line represents a completely modular approach to access control. Your entry options are virtually unlimited. Telephone entry systems, keypads, and proximity devices can be integrated into a single network or furnished as individual subsystems. Then, there's our specialty, radio technology, which can form the basis of an entire system or can be used to equip an existing site with keyless entry and panic button functions.

Linear

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