

20 Telephone Entry Systems

RE-1N & RE-1SS Residential Telephone Entry System

- ORDER # ACP00892 (RE-1N/Nickel Finish)
- ORDER # ACP00896 (RE-1SS/Stainless Finish)



The Model RE-1 Residential Telephone Entry System is designed for residential or light commercial access control applications. The speakerphone, keypad, radio receiver, and optional black & white video camera are housed in a rugged enclosure that can be mounted to a pedestal or bolted directly to a wall. The die-cast keypad keys have bright, easy-to-read graphics and are lit with overhead lights. The two operation buttons, CALL and HELP, are machined for heavy-duty reliability.

Operation

Arriving visitors will approach the unit and place a call to the residence by pressing the CALL button. The RE-1 will acquire the residence's local telephone line and generate distinctive rings to the house telephones. The resident, knowing that the distinctive ring is originating from the access area, can answer any house telephone and converse with the visitor. If the resident decides to grant access to the visitor, they can activate either output relay in the RE-1 by pressing a key on the telephone's keypad. If the resident decides not to grant access, hanging up or pressing a key will disconnect the visitor's call.

Call Waiting

If the resident is using the telephone at the time a visitor calls, the RE-1 will sound beeps on the telephone line to announce that a visitor is calling. The resident can press a key on the telephone to place the outside caller on

hold and communicate with the visitor. After granting or denying access to the visitor, the outside caller will be reconnected to the resident.

Call Forwarding

Programmable call forwarding allows the RE-1 to dial any selected telephone number when a visitor presses the CALL button. For example, with call forwarding enabled, the RE-1 could dial a cell phone to contact the resident while outside or away from the residence. The resident will be able to communicate with the visitor and grant or deny access from the remote telephone.

Alternate Numbers

For installations where multiple residences exist inside the same controlled opening (such as a guest house or granny flat), three alternate calling numbers can be programmed. The alternate numbers can be called by entering a short code at the keypad.

Local Control

The resident can issue control commands from the local telephones without a call from a visitor. By dialing a specific series of digits, the resident can control either of the two relays. The resident can also initiate voice communications with the entry system.

Access Methods

Up to 100 entry codes from one to six digits in length can be programmed. Each entry code can activate either, or both, of the relay outputs. Linear's Model AM-KP Keypad can be used as a secondary remote keypad for the RE-1. Up to 24 sets of block-coded MegaCode transmitters (up to 100 transmitters total) can be used to gain access through the RE-1's built-in radio receiver. Each transmitter can be individually suspended or re-activated. Facility codes can be programmed to identify each block of transmitters. Programming of individual (non-block-coded) transmitters is not supported by the RE-1.

System Features:

Time Zones

The RE-1 contains an internal clock and calendar. Seven programmable "time zones" allow setting time periods to schedule system functions. Each time zone can be active or inactive on certain days. Keypad entry codes, wireless transmitters, automatic access control, call forwarding, and the "Do Not Disturb" feature can each be set to only

be active during a specific time zone period. Up to ten "holiday" days can be programmed. Each of the seven time zones can be set to be active or inactive during a holiday.

Event Log

An access log of up to 450 events is stored in the unit's memory. System activity is logged as it occurs with the date and time of the event. The access log data can be retrieved locally, or remotely with a computer through the RE-1's built-in modem.

Local & Remote Programming

The system's built-in programming software can be accessed on-site, or off-site using a computer with any Internet browser. The software's graphic display of each of the programming steps makes programming easy. Without a computer, the RE-1 can be programmed with its main keypad, from any local telephone connected to the same line, or by calling from any remote telephone. The EEPROM memory retains all entry codes, transmitter information, and programming, even without power.

Obstacle Detection

Linear's Model MGT safety edge transmitter is compatible with the RE-1. This MGT detects and transmits obstacle events to the RE-1 receiver. Obstacle signals from an MGT transmitter will activate Relay #2.

Features:

- Dramatic contemporary styling
- Cast housing; stainless steel or nickel finish
- Downlighting
- Voice prompts, user-friendly, owner-friendly
- Two programmable outputs control two openings
- Obstacle reverse, alarm shunt
- Optional low-light CCTV camera kit (Model RE-BWC1)
- Provisions for Knox Box
- Simple to program and maintain through on-board keypad, touch-tone telephone, or computer with modem
- 450 event memory log
- Supports 100 entry codes
- Supports 100 block-coded transmitters
- Applications include single residence, commercial sites, employee parking
- Built-in superheterodyne radio receiver
- MegaCode format
- Operating frequency: 318 MHz
- Backup battery ready
- 6.45" W x 10.81" H x 3.74" D