

Infinity

Essex Indoor/Outdoor Security Keypad

The Andover Controls Essex Indoor/Outdoor Security Keypad provides a rugged, durable means of entering a security PIN (personal identification number) into an *Infinity* Security Management System. The solid stainless steel keypad wires into the ACX 700 and ACX 780 Access Controllers, with no other interface modules required. Up to 2 keypads may be connected to the ACX 700; up to 8 to the ACX 780.

Each door in an ACX 700 or ACX 780 may be configured through software to grant access based on access card only, PIN only, or a combination of card and PIN. These access modes can be made constant, or can be changed based on a schedule or other system event. A silent duress can be triggered through a slight variation in the PIN entry, also configurable through software.

This keypad is designed for both indoor and outdoor use, and can be mounted flush or directly onto a single-gang electrical handy box. Wiring distance is 500 feet (152 meters) maximum from the keypad to the controller, using 10 conductor, 18 gauge wire. Two LEDs are provided for power and go/no go indication.



FEATURES

- **Weatherproof**
- **12-Button Keypad**
- **Vandal and Impact Resistant**
- **Beeper Annunciation for Enhanced Awareness**
- **Red, Green LED Indication**
- **Easy Installation and Service**
- **Mounts Flush or on Standard Handy Box**

SPECIFICATIONS

ELECTRICAL

Power Requirements: 5 VDC, 10 mA

MECHANICAL

Operating Environment: -40°F to 160°F (-40°C to 70°C), 0 - 100% RH

Dimensions: 5 1/8" x 3 3/8" Keypad protrudes 7/16" from wall

Color: Stainless steel

WIRING INFORMATION

Wiring Distance: 500 ft. maximum (152 meters) to controller, using 18 gauge wire
200 ft. maximum (61 meters) to controller, using 22 gauge wire

Wiring Terminations: 12-pin, with connector and leads supplied

Keypad Input:	<i>ACX700/780</i>	<i>Keypad</i>
	C1	gray
	C2	violet
	C3	orange
	R1	brown
	R2	blue
	R3	green
	R4	yellow

Reader Input:	+5	red (5VDC Power)
	LED	white (green LED, off if no go)
	Gnd	black, pink (red LED, power indication)

GENERAL

Keypad: 3 x 4 matrix output, 0 - 9, *, #

Unit Life: Tested to over 1 billion cycles

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Installation Guides* for exact installation
instructions and specifications.

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