

## AC-A42

### Indoor Single-Door Stand-alone PIN & Prox Controller

Rosslare's AC-A42 is one of a highly sophisticated line of stand-alone controllers, ideal for residential and commercial access applications. The controller accepts up to 500 users and provides entry via the use of proximity cards and/or PIN codes.

The attractively designed AC-A42 is easy to program and easy to use. This advanced stand-alone controller is packed with features such as eight auxiliary modes, multiple user levels and modes of operation, and back and case tamper protection.

### General Description

Whether you run a business or residence, managing time and budget are important to your success. Rosslare's 500-user AC-A42 is both time and cost efficient, with all modes of security controlled by one attractive standalone device.

The AC-A42 can be configured in eight different combinations for optimum usability in different applications. For ease of use, a locally programmed Code Search feature that eases the maintenance of user codes is included.

The unit, which is US Gang box mount compatible, contains two tri-colored LEDs, a built-in proximity reader, a keypad for PIN code entry and an internal buzzer to notify the user when a key is pressed.



### Main Features

- Advanced stand-alone 500-user controller
- Access via proximity card or PIN codes
- Compatible with all 26-Bit EM proximity cards or tags
- Two tri-colored LED and buzzer indicators
- Lock strike and auxiliary relay outputs
- Input for Request to Exit (REX) button
- Internal case tamper detector
- Supplied with a security screw, security screw tool, wall mount screws and a mounting template

### PROFESSIONAL GRADE FEATURES

- Offers eight auxiliary modes, including: Door ajar, Forced door, Shunt, Door monitor, Normal/secure
- Three user levels: Normal, Secure, Master
- Three operational modes: Normal, Bypass, Secure
- Built-in 125 KHz ASK type EM RFID proximity reader
- Bell, chime, siren and strobe when used with the BL-D40

# AC-A42 Indoor Single-Door Stand-alone Pin + Prox Controller



## Product Specifications

ELECTRICAL SPECIFICATIONS	
• Operating voltage range	12 to 16V DC
• Input current, max	Standby: 20 mA (not including attached devices) Maximum: 80 mA (not including attached devices)
• Inputs	REX: N.O., dry relay contacts Auxiliary: In monitor mode – N.C., dry contact Auxiliary: In input mode - N.O., dry contact
• Relay outputs	Lock Strike Relay: 3.5 A, electronic relay Auxiliary Relay: 1A
• LED signaling	Two tri-colored LEDs
OPERATIONAL SPECIFICATIONS	
• Compatible cards	All 26-Bit EM proximity cards
• Modulation	ASK at 125kHz
• Maximum reading range	90 mm (3.5 in)
PHYSICAL SPECIFICATIONS	
• Dimensions (H x W x D)	122 x 75 x 24 mm (4.80 x 2.95 x 0.945 in)
• Weight	140 g (0.3 lbs)
ENVIRONMENTAL SPECIFICATIONS	
• Operating temperature	-31°C to 63°C (-25°F to 145°F)
• Operating humidity	0% to 95% relative humidity (Non-Condensing)
• RFI protection	> 20 V/m up to 1000 MHz

## System Components

The AC-A42 is compatible with Rosslare's door control systems and access control accessories, including: indoor egress buttons, power supply units, and stand-alone PIN plus proximity controllers.



PS-C17T



BL-D40



EX-01



AT-R11

## Additional Information

The AC-A42 is a high-quality electronic product developed and manufactured under ISO9001:2000 and is covered by RSP 2-year Limited Product Warranty.

Please visit our website for documentation and sales information: <http://www.rosslaresecurity.com/>

