

AC-T43

Anti-Vandal Piezo PIN Standalone Controller

This advanced anti-vandal, 500 user standalone controller is an exceptionally robust metallic unit with a highly sensitive piezoelectric keypad, suitable for PIN codes access requirements. This model with rugged metal construction and no moving parts is ideal for high traffic and extremely harsh environment. The model is fully sealed, epoxy filled, has advanced programming options and flexible operation modes.

General Description

The AC-T43 is a stylish, cost effective single door PIN access control unit. It is the ideal solution for outdoor residential, commercial, and industrial applications.

The controller is stand-alone (no PC is required), and each user can be assigned one or two codes, effectively creating three different security levels.

Housed in a sturdy, metal vandal-resistant casing, and completely epoxy potted, the AC-T43 is built for indoor or outdoor use in all weather conditions.

This feature rich unit offers flexible and easy programming capabilities including a unique "code search" for simple user management.



Main Features

- 500 users can have PIN credentials for granting access
- Smooth attractive design, with anti-vandal construction
- Highly-sensitive Piezo metal keys
- 3 operational Security Levels can be selected with special PIN codes
- Supports up to 8-digit PIN codes, with timed wrong code lockout after several wrong attempts
- 2 tri-colored LEDs and integral sounder for programming and operation
- Wide range of low voltage AC/DC power input

PROFESSIONAL GRADE FEATURES

- Optical tamper detection output
- 10 programmable modes for auxiliary input and output (3 Amp Form C Relay)
- 3 Amp Form C Lock Strike Relay, for fail-safe and fail-secure, with input for REX
- Supports: Door Ajar, Forced, Shunt, Monitor, and Secure mode
- Door bell key feature operation (from '*' bell key), with Rosslare's accessory BLD40

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Product Specifications

ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	12 to 24VDC, from a regulated power supply 16VAC, from a transformer
• Input Current:	Standby: 15mA, at 12VDC Maximum: 75mA, at 12VDC
• Relay Outputs:	Lock Strike: 3A, N.O. and N.C. Auxiliary: 3A, N.O. and N.C.
• Tamper:	Optical back tamper sensor, O.C. active low 32mA max sink current
• Inputs:	REX: N.O. Dry Contact Auxiliary (In/Monitor): N.O. Dry Contact. 10 Programmable modes
OPERATIONAL CHARACTERISTICS	
• Capacity:	500 Users, single / dual code each
• Keypad:	3x4 Keys for local programming and 4 to 8 digit PIN codes entry
• User Levels:	Normal / Secure, Master
• Security Modes:	Normal, Bypass and Secure
• Audio/Visual:	Interface for BL-D40 (bell, chime and siren enunciator) Two tri-color LED indicators, Built-in sounder
• Design:	Epoxy potted, fully sealed in a rugged metal slim enclosure, high strength construction, High-sensitive Piezo metal keys. Highly suitable for extremely harsh environments.
ENVIRONMENTAL	
• Operating Environment:	Water resistant, suitable for outdoor use, meets IP65
• Operating Temperature:	-32°C to 63°C (-25°F to 145°F)
• Operating Humidity:	0 to 95% (non-condensing)
• RFI Protection:	> 20 V/m up to 1000 MHz
PHYSICAL CHARACTERISTICS	
• Dimensions:	120 x 65 x 27 mm (4.72 x 2.6 x 1.06 inch)
• Weight:	400g (0.882 lbs)

System Components

The BL-D40 alarm, chime and door bell enunciator / strobe unit as well as the EX-01 Push to Exit button can be interfaced with the unit.



BL-D40



EX-06



EX-17

Additional Information

The AC-T43 is covered by Rosslare's 5-year Limited Product Warranty.

For sales information or product documentation, please visit our website: www.rosslaresecurity.com



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