

## AC-F44

### Outdoor Backlit PIN & PROX Standalone Controller

Rosslare's newest standalone backlit PIN & Proximity controller, the AC-F44, is a cost-effective solution for indoor and outdoor systems where PIN and/or Proximity credentials are required. This durable model can be easily programmed with up to 500 users, on a single door.

### General Description

For greater peace of mind, this sturdy access control unit provides three levels of security that can be assigned to as many as 500 users.

The AC-F44 offers automatic mode recognition and a user-friendly set up menu, simplifying configuration and use. Extra features such as various door alarms, LED control, and tamper detection provide extra security and flexibility.

Come rain or shine, this reader can handle the challenge, with its rugged UV-resistant housing and water-resistant enclosure for maximum durability.

The backlit keypad is clearly visible day or night, making these units ideal for residential, commercial and industrial applications.



### Main Features

- Up to 500 users can be coded using Smart enroll and delete technology.
- A mounting template and installation kit are provided.
- Three user levels:
  - Normal – Requires single PIN code or card
  - Secure – Requires PIN/PROX code combinations
  - Master User
- Three access levels:
  - Normal
  - Bypass
  - Secure
- Suitable for Gang Box installations.
- Programmable PIN code length of 4-digits to 8- digits.
- Powered either by transformer (AC) or regulated power supply (DC).

### PROFESSIONAL GRADE FEATURES

- Water-resistant and UV-resistant, meets IP65.
- Internal buzzer.
- Two inputs: REX and Auxiliary.
- Two Form C, 2 Amp outputs: Lock Strike and Auxiliary.
- Two tri-colored status/programming LEDs.
- Ten auxiliary modes including: Door Ajar, Forced Door, Alarm Shunt, and Door Monitor.
- Programmable chime and siren when using BL-D40 and '\*' bell button.
- Built-in optical back tamper.

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## Product Specifications

| ELECTRICAL CHARACTERISTICS    |  |
|-------------------------------|--|
| • Operating Voltage Range:    | 12 to 24VDC, from a regulated power supply<br>16 to 24VAC, from a transformer  |
| • Input Current:              | Standby: 95mA at 12VDC<br>Maximum: 160mA at 12VDC  |
| • Relay Outputs:              | Lock Strike: 2A Form C, N.O. and N.C.<br>Auxiliary: 2A Form C, N.O. and N.C.   |
| • Tamper:                     | Optical back tamper sensor, O.C. active low 32mA max sink current  |
| • Inputs:                     | REX: N.O. Dry Contact<br>Auxiliary (In/Monitor): N.O. Dry Contact. 10 Programmable modes   |
| • Proximity Card Reader:      | Maximum read range*: 75mm (2.95")<br>Modulation: ASK at 125 kHz<br>Compatible cards: All 26-Bit EM Cards<br>* Measured using Rosslare Prox Card AT-R14 or equivalent. Range also depends on electrical environment and proximity to metal. |
| OPERATIONAL CHARACTERISTICS   |  |
| • Capacity:                   | 500 Users, dual code / card or code + card 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)<br>Two tri-color LED indicators, Built-in sounder  |
| • Design:                     | Epoxy potted, fully sealed in a rugged polycarbonate enclosure. Red illuminated rubber keys. Suitable for harsh environments.  |
| ENVIRONMENTAL CHARACTERISTICS |  |
| • Operating Environment:      | Water resistant, suitable for outdoor use (IP65)   |
| • Operating Temperature:      | -30°C to 65°C (-22°F to 150°F)   |
| • Operating Humidity:         | 0 to 95% (non-condensing)  |
| • RFI Protection:             | > 20 V/m up to 1000 MHz  |
| PHYSICAL CHARACTERISTICS      |  |
| • Dimensions:                 | 121mm x 71mm x 30mm (4.72" x 2.80" x 1.17")  |
| • Weight:                     | 244g (0.54 lbs)  |

## System Components

A variety of Rosslare's proximity cards and tags is available for use with this unit.

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



## Additional Information

The AC-F44 is covered by Rosslare's 5-year Limited Product Warranty.

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

