

# Ilco

## Front Desk Unit (FDU)



### Overview

dormakaba's Front Desk Unit (FDU) is your all in-one access management unit. This unique portable unit is able to program and audit locks while at the same time managing the front desk need of encoding and auditing keycards. The FDU also offers an 8-hour battery backup feature to continue managing your access control needs during a power outage. It is ideal for small to mid-scale hotels seeking a simple and cost effective solution for managing their access control needs.

### Compatibility

Compatible with Solitaire 710/710-II,  
Generation E-760, 770, 790 locks, Q90 and Confidant RFID

### Security Features

- Time-based access control system with user selectable keycard expiry
- Keycard encryption: proprietary and unique to each installation
- Security: authorization keycard or PIN required for any FDU operation
- Different authorization levels, ranging from front desk staff to upper management users
- Setup and audit memory: internal real time clock with non-volatile memory

## System Features

Property Size	16,000 rooms and 1,000 common door suites (maximum of 8 inner doors per suite)
Common Areas	8 guest and 16 staff areas
Restricted Areas	200
Staff Access Levels	3 Master levels and 5 Sub-Master levels per lock: 255 sections, floors, areas, groups, zones
Room Number Format	5 digits numeric
Keycards Validity Selectable	From one hour to 7 years
Pre-registered Guest	Keycards can be made up to 10 days in advance
Time Zone	Predefined time zones available for staff keycards in locks 8 customer defined time zones available for guest, staff & passage option in RAC card readers
Keycards Read and Encoded	Low or high coercivity, track 1, 2 or 3 magnetic stripe cards and Mifare credentials
Keycard Handling	Manual swipe with wide acceptable speed range for magnetic stripe keycard
Communication Ports	Serial and USB, for Flash drive and dormakaba USB printer
Communication with Locks	Programming module
Communication with Other FDUs, PMS Interface	Serial cable
Firmware	Upgradeable, via USB

## FDU Characteristics

Mode of Operation	Encoder for Front Desk or back-of-house (optionally interfaced to PMS), portable Lock Maintenance Unit
Power Supply	9V plug-in power supply available for North America, European, U.K. and Australia
Battery Backup	Internal, minimum 8-hour duration (unit fully operable) with low battery alarm
Languages	English, French, Spanish, Portuguese, German
Audits	Last 4000 keycard-making transactions, sorted by room, authorization, or key type The FDU can store up to 10 lock audits in memory Either type of audit (lock and FDU log) can be reviewed on screen, shared on a PC or printed for record keeping on any standard printer

## Physical Characteristics

Weight	2 Lbs (0.9Kg)
Dimensions	7.2 (W) X 9.5 (L) X 2.2 (H) inches (180 X 240 X 57 mm)
Housing Construction	Impact resistant plastic (black), with rubber feet and carrying handles

## Environmental Operating Conditions

Certifications, Approvals and Testing	1,000,000 swipe life expectancy Complies with FCC part 15 class A Complies with the EMC directives 89/336/EEC, CE certified
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## Warranty

Standard Factory Support Programs	Two years dormakaba Service Plans (Platinum, Gold, Silver)
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