

RT Plus

Electronic hotel lock



Features

- Ideal for retrofits, durable, and easy to use
- Supports mobile access via Bluetooth® and digital wallets with NFC technology enabling secure and convenient hotel access
- Supports the latest RFID credentials like keycards, fobs and wristbands
- Works with the user-friendly Ambiance access management software
- High security and tamperproof design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring (Keycard Audits)
- Extensive event memory stored in the lock
- Lock programming and door event records are retained during battery replacement

Overview

The dormakaba RT Plus is a robust electronic door lock featuring RFID technology for enhanced guest convenience and operational efficiency. This durable lock is ideal for retrofits, instantly providing the latest access control features for your hotel property.

Next-generation technology with RFID and mobile access solutions

With built-in RFID, NFC, and Bluetooth Low Energy, the QuantumIV door lock supports RFID cards, mobile keys, and digital wallets. Guests can use their smartphone as a key, enabling convenient check-in and intuitive access.

Easy-to-use software for access control

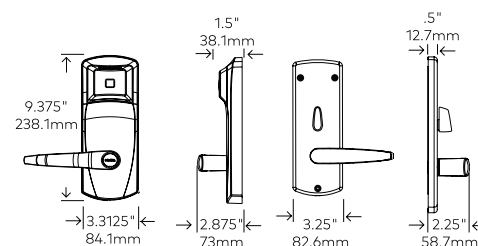
The RT Plus seamlessly integrates with our Ambiance access management software, that features an array of access control workflows for both guest and staff access. Optionally, choose Ambiance add-on licenses: remote lock management, mobile access solution or enhanced perimeter access.

Applications

- Suitable for small to very large scale hotels
- Easy retrofitting for any facility
- Access control for guest rooms, common areas as well as back-of-house
- Easy upgrade path to Bluetooth RFID technology: front housing only or complete lock

Low maintenance

- Batteries last up to 2 years
- Low battery indicator alerts staff
- Operates with a completely sealed contactless reader
- Wear resistant construction and finish
- NFC programming



Factsheet

Features

Description	Heavy duty electronic lockset (mortise or cylindrical) with clutch mechanism and built-in contactless RFID reader
Handing	Left or right factory handed mortise, field reversible handing (lever and mortise)
Lever	ADA compliant, outside lever free to rotate upward and downward in locked mode Lever clearance (space from end of lever to door): • Long Lever 3/8" (9.5 mm) • Short Lever 2" (51 mm) • Elevon & Gala Levers 2-9/32" (58 mm)
Concealed key override (optional)	KIK Core (keyed-alike, master keyed, recodable) Best Small IC Adaptor
Deadbolt	1" (25 mm) (for ASM mortise) or 2 1/4 mm (for ESM Mortise) solid metal, projected by inside thumbturn and retracted with the latch by the interior handle, emergency override or specific staff keycards. Optional auto deadbolt available.
Door thickness	From 1-3/8" to 2-1/2" (35 mm to 66 mm)
Shipping weight	8.5 lbs (3.8 kg)
Housing construction	Cast zinc alloy (outside housing levers and thumbturn), stainless steel inside housing
Standard finishes	Satin chrome, satin brass and supreme finish for ocean front applications
Standard backset	2-3/4" (70 mm) backset, 2-3/8" (60 mm) backset also available for cylindrical lock
Locking options	ANSI lock case with 1-1/4" or 1" lock front mortise Optional automatic deadbolt European lock case mortise (20 x 165 mm) with round (20 or 23 x 235 mm) or square (20 x 235 mm) lock front mortise
Remote access management	Ambiance RX: Lock controller board with online capability DAJ mortise (ANSI lock case) Inside escutcheon equipped with Zigbee module
Mobile access option	Standalone or Bluetooth® enabled. Bluetooth® module integrated in the reader.
Batteries	Alkaline - three AA battery pack Battery life is up to 2 years Low battery indicator: alerts staff that batteries need to be changed soon
Date/time stamp	Real-time; date and hours/minutes
Lock programming and interrogation	Lock programming using Near Field Communication (NFC). Obtain key usage reports via handheld unit or audit keycard at the door; Alternatively, increase efficiency by performing a remote interrogation via Ambiance RX or RX-Link with a connected lock.
Pre-registered keycards	Keys can be made up to ten days in advance without cancelling current or arriving guests
Keycard expiration	Configurable expiration dates; can be automatically set for check out date or manually applied when making key during check in process.
RFID credentials	Supports MIFARE Ultralight® C, MIFARE Ultralight® AES, MIFARE Plus® EV2, and MIFARE® DESFire® EV3 credentials For optimal protection activate Enhanced Security in Ambiance on all compatible locks and firmware Available in RFID keycards, fobs and wristbands
Passage mode	Set by authorized keycard or Ambiance RX. Can also be configured to perform an automated/pre-defined passage mode time.
Lockout mode	Set by authorized keycard or Ambiance RX
Feedback & diagnostics	Light indicators in reader Light indicators and handheld display
Audit trail	Up to 4,000 door events
Disability feature	RCU readers interface with automatic power operated doors for special openings
Privacy override	Emergency access: Emergency keycard, mechanical key
Shabbat option	Orderable lock option with a mechanical key override (MKO) and no electronic sensors for: MKO, privacy, lever handle, or door ajar
Environmental conditions	Lock operation -31°F to 151°F (-35°C to 66°C) 0% to 85% non-condensing humidity at 86°F (30°C) conditions



Certifications, testing & warranty

Accessibility standard	Complies with 2010 ADA Standards for Accessible Design – Art. 309.4 (Operable Parts). Only for models with long lever with ASM or cylindrical lock. Non ADA compliant with auto dead bolt. Lock shall be properly aligned with the mortise or latch and must be installed strictly according to the dormakaba installation instructions and the ADA Standards and Regulations applicable for each facility, to be able to fulfill compliance with ADA requirements.
BHMA/ANSI	Certified to be compliant with Grade One performance tests for "ANSI/BHMA A156.13 Standard for Mortise Locks and Latches," and "ANSI/BHMA A156.25 Standard for Electrified Locking Devices."
Fire rating	Listed for pre-prepared manufactured doors and certified for retrofitting on existing doors by Underwriters Laboratories for use on fire doors having up to a three-hour rating. • U.L. Certification: GWVW.R12071 "Accessories for Single-point Locks and Latches and Fire Exit Hardware." Evaluated in accordance with UL 10B and UL 10C. • U.L. Listing: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B and UL 10C. • Also classified in accordance with Uniform Building Code Standard 7-2, "Fire Test of Door Assemblies" (1997)
Ingress protection	IP54
Electronics	FCC Part 15 Class A and Complies with CE Radio Equipment Directive 2014/53/EU
Florida building code	Approved in the exterior door category (exterior door components). Code of approval is FL13061
Factory warranty	Two years (Standard)
Support programs	dormakaba Service Plans (Platinum, Gold, Silver)

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Any questions? We would be happy to advise you.

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