

# Sāflok®

Their Security...  
Your Control



QUANTUM™

## Quantum™ MT Lock



Quantum™ sectional trim lock, with its minimal physical impact on design aesthetics, provides “worry-free” performance. This sectional trim design is available in two configurations: the Quantum MT (insertion card reader) and the Quantum RFID (radio frequency identification) lock. SAFLOK’s robust ANSI Grade 1 mortise set (an integral feature in SAFLOK MT™ and Odyssey™) is combined with sophisticated technology to provide reliable security while offering minimalist design. Quantum MT provides all the conveniences and capabilities of SAFLOK multi-technology lock series reading smart, memory, and magnetic stripe keycards.

### Quantum MT offers a variety of form and functionality upgrades and benefits:

- Custom ASIC circuit assembly
- Lights embedded in card mount
- Stores up to 5,900 events
- 1” slim and discrete bezel
- Automatic dead bolt (ADB™)
- Open IR/RF architecture
- Energy management interface
- Lock audit/interrogation via smart card

For Quantum keycards, SAFLOK recommends using the insertion and/or motorized encoders.



## Quantum™ RFID Lock



Quantum RFID lock is designed to answer the need when design and beauty are as equally important as technology and functionality. Using the latest in proximity technology, Quantum RFID and keycard communication is conducted via RF waves. With Quantum RFID, a quick pass of the keycard over the reader gains users access into the room. Quantum RFID is unique to the industry as SAFLOK is the only lock provider to make available a “contactless” electronic lock in a sectional trim format.

### Quantum proximity lock features and benefits include:

- Environmentally sealed proximity reader protects against climate extremes
- LED lights displayed behind polycarbonate proximity reader lens
- Energy management interface
- Lock audit/interrogation via smart card
- Open IR/RF architecture
- Proximity reader uses ISO communication platform
- Keycards are programmed using a “contactless” encoder
- Automatic dead bolt (ADB™)



Contactless Encoder

# System 6000™ Front Desk Operating System

Engineered to give property managers the ultimate in key control, System 6000™ is at the heart of Quantum, piloting an exciting new world of security possibilities. System 6000 is Windows-based and menu-driven to ensure fast and easy operation for front desk staff and other personnel.

## System 6000 offers the following features and benefits:

- Interfaces with existing property management systems (PMS/POS/CRM)
- Uses industry-standard TCP/IP network protocol, allowing properties to plug into existing ethernet networks
- Includes graphical user interface that uses point-and-click, tabs, and other standard Window-based functionalities
- Ability to perform remote diagnostics and support enabling technical specialists to conduct maintenance and troubleshoot potential hardware or software issues
- Runs in English, French, Spanish, Italian, and Chinese simultaneously. Russian, Czechoslovakian, and Arabic will be added in 2007
- Provides detailed system reports on-screen such as key-making transactions, key user and user group authorizations, keys issued etc.
- Compatible with wireless and kiosk check-ins
- Ability to cancel master keys with no impact to other keys in system



Quantum in both configurations seamlessly integrates with existing System 6000 properties and Messenger installations.

# Messenger™ Wireless Lock Access Network

Messenger™ is a bi-directional wireless locking control system that is available with infrared (IR) or radio-frequency (RF) technologies.

## Messenger has numerous capabilities and offers the following benefits:

- Enables communication with a lock without physically visiting the door
- Remotely performs the same functions as a handheld programmer—including lock interrogation and diagnostics
- Staff can perform a remote change in access authorization within seconds if a key is lost or stolen
- Performs simultaneous remote reconfiguration of access authorization of all locks in the event of a lost master key
- Sends “low battery” indication or “door ajar” messages to a central server



Messenger gives real-time information for added security and smooth operations.

# Specifications



- Mortise lock available in standard function, 1" (25 mm) throw dead bolt, and 3/4" (19 mm) dead-locking latch bolt
- 2-3/4" from door edge to lever (back set)
- Operates on standard AA alkaline battery pack
- Door thickness range: 1-3/4" – 2-1/8" for standard product
- Available with or without ADB

## Options

- Other handles available include: Vintage, Troy, Mesa, Continental, Gala, Arc, and Knob
- "Door ajar" sensing mortise
- Custom designs available for thicker doors
- Inside escutcheon:  
10-1/4" (260 mm) x 3-1/2" (89 mm)

## Certification

- Certified by Underwriters Laboratories (UL) for doors up to a three-hour rating

## Note

Quantum employs the electrified mortise certified to:

- ANSI 156.13-2002 American National Standard for mortise locks and latches. Grade 1 level for both security and operational requirements
- ANSI 156.25-2002 American National Standard for electrified locking devices

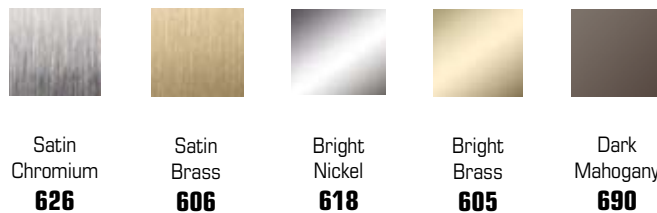
When ordering, please specify:

- Total number of lock sets and spares
- Desired finish
- Door thickness and composition (wood or metal)
- Door preparation – consult SAFLOK for template
- Door frame composition – wood or metal frame and strike plate measurements

## HANDLE STYLES *(Vintage, Gala, and Arc levers may not be code-compliant in all areas. Check local fire code.)*



## SAMPLE FINISHES *(Actual finish color may differ from printed example. Check for availability.)*



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Manufactured under one or more of the following patents:  
U.S.: 4,177,657; 4,411,144; 4,534,194; 4,890,870; 5,198,643;  
5,477,041; 5,820,177; 5,986,564; 7,051,561; D494,841; D501,131  
D512,899; D519,021 CANADA: 1,252,854; 1,298,902  
U.K. 2,010,375  
Other U.S. and foreign patents pending

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