

## Longevity...

Centralized operations from MIWA's state-of-the-art factory in Tamkai, Japan dramatically increases productivity and service. MIWA links together all phases of operations, from development and manufacturing to sales, delivery and after-sales service.

### MIWA — THE GLOBAL LEADER IN PROGRAMMABLE LOCK TECHNOLOGY

Since 1945, MIWA Lock Company, Ltd. has grown to become Japan's foremost provider of high-performance locks and security systems. Today, our reputation for quality and reliability has made MIWA the choice of leading hotel chains around the world.



Headquartered in Tokyo, Japan, MIWA is a family-owned company comprised of 1,700 employees who are dedicated to the security of your facility—and your guests.

We are true lock makers who manufacture and control quality for every aspect of every lock, from start to finish. Our emphasis on research and development ensures you of the most advanced technology and materials. From the first offline electronic hotel locking system, which MIWA developed in 1981, to today's flagship product, the dual-card technology AL5H system, MIWA sets the global standard for programmable lock technology.

### COMMITTED TO LONG-TERM CUSTOMER RELATIONSHIPS

#### SERVICE AND SUPPORT

Providing the best product is only the beginning of a lasting relationship. MIWA offers a comprehensive support package for your hotel that includes:

- Exceptional quality and performance
- The industry's only three-year warranty as standard
- Maintenance and parts replacement anywhere in the world

Our centralized operations enable us to respond quickly and accurately to customer needs. And MIWA reliability means you won't have to wait for parts or devote valuable time and resources to locking system maintenance.

Locking in Quality around the World



When the security of your guests and your property is what matters most, count on the proven reliability of MIWA — the smart choice for smart locks in today's security-conscious world.

Ask about other quality locking systems from MIWA.



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Quality...

Flexibility...

Security...

## One smart lock. One smart choice.

### THE MIWA AL5H: DUAL TECHNOLOGY IN ONE SMART LOCK

Today's hoteliers expect much more than a lock that keeps their doors securely shut. The MIWA AL5H, with its smart card capability, is your building block to a comprehensive hotel security system. It provides you with unparalleled reliability today and unlocks the potential of your smart card applications tomorrow.

Designed to read magnetic cards, memory smart cards and processor smart cards, the AL5H combines superior mechanics with a state-of-the-art electronics package, offering you the benefits of:

- **TIME-SAVING CONVENIENCE FOR YOU AND YOUR GUESTS** — Guests with a hotel-issued smart card, such as loyalty card, can pre-register online and enter their rooms with minimum delay.
- **COMPLETE ACCESS CONTROL** — Cards and locks can be programmed to open any combination of doors at different times of day, enabling you to restrict guests from certain areas of the property at certain times.



- **TROUBLE-FREE OPERATION** — MIWA offers the industry's only three-year warranty. Most importantly, our locks are designed to last.
- **AUDIT TRAIL** — Provides records of the last 600 valid card transactions, so you can track activity associated with a specific lock.
- **RELIABLE MECHANICS** — MIWA's engineering and design features enhance overall performance. For example, stabilizing posts keep all parts of the lock square no matter what the condition of the door.

The AL5H features:

- **NON-VOLATILE MEMORY** — Retains the data when batteries are removed, keeping your lock software and audit data safe.
- **CAPABILITY TO COMMUNICATE WITH OTHER SYSTEMS** — Including energy management and other access control systems.

#### ELEGANT AND COMPACT

- Wide range of colors to complement any décor, including polished or satin brass or stainless steel
- Steel chassis escutcheons for additional strength and security
- Solid turned knobs and levers in various styles
- Meets handicap standards
- Interior and exterior escutcheons of same design and size

Electronic Locking  
Solutions...



#### DESIGNED FOR DECADES OF TROUBLE-FREE OPERATION

MIWA locking systems are designed for decades of service. The AL5H lock exceeds international standards with:

- ANSI grade 1 mortise lock to European and US profiles
- Comprehensive three-year warranty
- Meets UL standards for three-hour fire rating
- Three-piece anti-friction latch plus hardened one-inch steel deadbolt
- Room-side only access to electronics, batteries and lock body
- Maintenance-free locking motor
- Water-resistant door controller electronics

Simplicity...

Reliability...

#### EASY TO USE

- Simple card insertion
- Thumb-turn operation of deadbolt from inside room
- Early warning of low batteries given to staff card holders only
- Staff cards record the last 140 doors opened
- Levers always return to horizontal position by balanced spring mechanism
- Optional mechanical key override with more than 130 million combinations



They can:

- Operate magnetic locks, electrified panic bars, electric strikes or other locking devices
- Work in conjunction with the control circuits of elevators, car park barriers and similar devices.

#### DOOR CONTROL UNITS

For applications where a standard AL5H lock is not suitable, such as a high usage common door, MIWA's Door Control Units provide maximum security you need. These self-contained systems feature:

- Standard lock operation, powered by 110 AC or 220 AC
- Timed egress buttons and emergency opening panels
- Back-up batteries in case of power failure

Function	Description
<b>Guest Mode</b>	Programmed to a specific room number. Opens for a valid guest card or authorized staff card. Locks can also function together, as suites, groups or room types.
<b>Common Room</b>	Programmed to open for valid card within a range of room numbers. Ideal for corridors of building entrances.
<b>Non Guest Mode</b>	Programmed with a room type and floor. Designed for rooms such as offices or stores.
<b>Special Door Mode</b>	Allows specific guest cards to work with non-guest room locks. Ideal for executive lounge, health club, conference or meeting facilities.
<b>Auto Time Zones</b>	Automatic un-lock and re-lock at specific times of day. Ideal for perimeter doors which are unlocked during the day, but can only be opened by valid card holders at night.
<b>Latch Control</b>	Opens to a valid card, and re-locks only when another valid card has been inserted.
<b>Guest Valid Time</b>	Allows the use of valid guest cards for specific periods each day. Used in conjunction with Common, Special and Auto Time Zone doors to allow guests access to specific areas of the property at specified times.
<b>Guest Valid Days</b>	Allows the use of valid guest cards on specified days of the week, used in conjunction with Common, Special and Auto Time Zone doors.