

# HÄFELE



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## DIALOCK IN THE HOTEL

THE CONVENIENT, ELECTRONIC ACCESS CONTROL SYSTEM

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Dialock – the electronic access control system for use in hotels.

## Why Dialock?

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All of the doors in the hotel can be operated by your guests and your staff with just one key.

## Area of application

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Dialock is flexible and versatile in the hotel area. For guest rooms, hotel entrances, conference rooms, spa areas, furniture and more.

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Door and wall terminals, furniture locks, programming components and Dialock keys.

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A brief introduction. Always at your side.

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Selected Dialock hotel projects.

### Cover:

Designer Suite with DT 400 door terminal,  
Hotel ibis Styles Nagold-Schwarzwald, Nagold, Germany

04

## WHY DIALOCK?

The key with a system.



12

## AREA OF APPLICATION

From the hotel garage to the guest room and spa area, Dialock controls access for your guests and staff.



ACCESS  
CONTROL – SIMPLY  
MANAGED

24

## PRODUCT OVERVIEW

All Dialock products for  
hotels at a glance.



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## REFERENCES

Dialock in use:  
From hostels to 5 star hotels.





## WHY DIALOCK?

Guest room doors, hotel entrances, elevators and garage gates can be operated with ease with a single key. The key can also be interfaced with the booking system for use in the restaurant, the parking area and the spa area. Electronic and simple.







## CONVENIENCE & SECURITY

### Easy and convenient.

The guest receives an electronic Dialock key for their room at reception. Easy to make, easy to use. The room key is generated directly from your hotel management system (HMS), and also provides access to all appropriate spaces and lockers to enhance the guest experience; access to the guest rooms or opening the garage gate, operating the elevator or accessing the spa area through a turnstile. All applications are coordinated in the Dialock system. Is your hotel in a skiing area? All the better. Electronic ski passes can also be used as Dialock keys by your guests. This means more convenience for your guest – more savings for you!

### Simple but advanced and powerful features.

Dialock, the electronic access control system, can be put to versatile use in hotels and provides both guests and operators with convenience and security 24/7/365. The Dialock system consists of an electronic RFID Dialock key in credit card size or other optional formats and a door or wall terminal and software for property access planning and management, as well as interfacing with other property systems. Dialock options include advanced on-line features with wired or wireless on-line communication with the guest room and public access openings.

# ADVANTAGES OF DIALOCK

The Dialock electronic access control system provides security, convenience and optimized operating organization in hotels.



01

## Unique design

Dialock door and wall terminals are available in different finishes and lever styles. This provides an opportunity to select a unique and appropriate design aligned with the overall hotel look and feel.

02

## Mechanical emergency opening

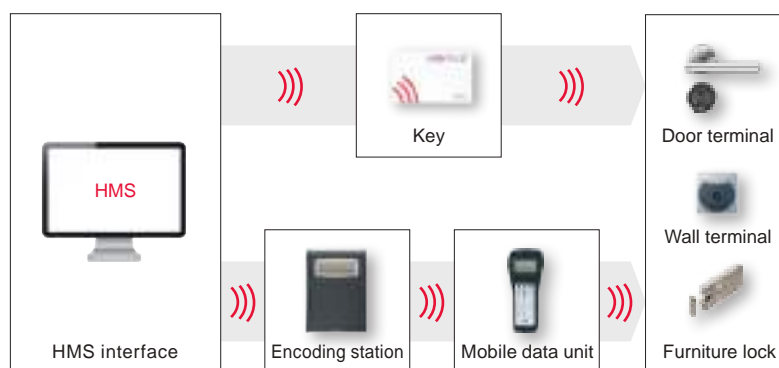
Dialock door terminals have the available feature of mechanical emergency opening by key. This means that doors can also be opened without a Dialock key. Advanced mechanical key security and audit trails of mechanical key use are available.



03

## Additional convenience: Touch-free with transponder technology

Dialock is an access control system based on passive RFID transponder technology. The transponder (a microchip with an antenna) is located on a Dialock key and communicates with a door or wall terminal wirelessly. Touch-free. It does not require its own power supply,

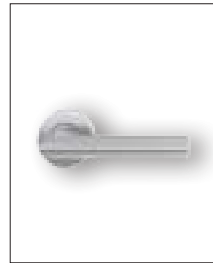


but obtains its communication energy from the electrical field of the door or wall terminal. One of the reasons why the Dialock system is cost-effective and fail-safe.

04

## Selection of attractive lever handles

Häfele has a selection of different lever handles. The material, finish, design and colour thereof are coordinated with the door terminal housings, rosettes and escutcheons.



Model G



Model J



Model U



05

## High degree of expansion capability & retrofitting

Dialock is a system which can be extended in meaningful investment stages. From building to building, for example, from area to area, from floor to floor, from outside to inside or vice-versa. Retrofitting is particularly low cost because the Dialock door terminals are battery-operated and do not have to be cabled.

06

## Improved flexibility & networking

As an electronic access control system, Dialock can be configured for many different requirements and easily adapted to changing requirements. The required application is the decisive factor. Both the arrival and departure dates of the hotel guests can be transferred directly onto the Dialock key by the hotel management software (HMS) for defining guest room, locker and other access.



## Dialock benefits

- > German Quality
- > Noise protection regulations
- > International standards
- > Fire safety approval
- > Emergency exit door standards
- > Continuous performance test 200,000 cycles



# EXTREMELY SECURE WITH DIALOCK

Dialock combines multi-functionality with maximum convenience and fulfils high security standards. Everything provided by one card. A wide range of organizational tasks such as access control, time and attendance and billing for services can be performed using Dialock.

## Wide range of organizational tasks

Dialock brings functionality to all areas of your hotel.

One application manages staff and guest key access planning and encoding as well as monitoring. Economical overall solutions are provided by integration of time and attendance systems, cashless payment systems, guest cards, regional tourist cards, ski passes and individual ID concepts.

- > Dialock is suitable for any kind of door or gate, as well as for furniture doors and drawers.
- > All hotel facilities can be operated with one Dialock key. From the hotel entrance door to the coffee machine.
- > Access authorizations for guests, staff and suppliers and contractors are managed centrally.
- > Customer-specific requirements can be implemented with the use of macro programming.





## In favor of Dialock

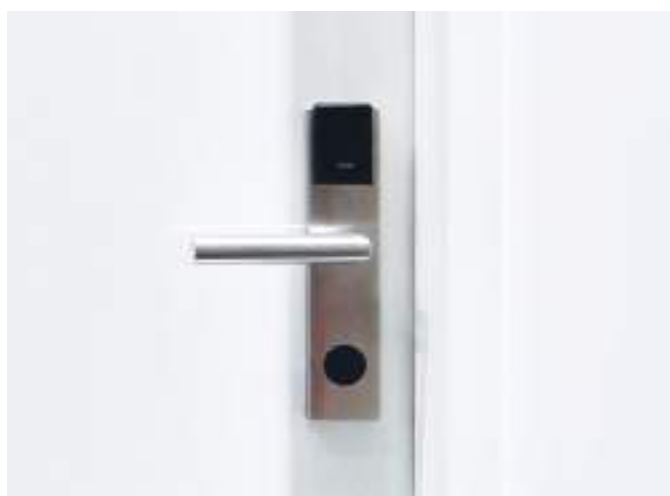
This is why many hotels and resorts decide to use Dialock:

- > Optimum functionality in all areas of the hotel.
- > Maximum guest satisfaction.
- > Minimum effort for management.
- > Security that meets the highest demands.  
People without an authorized key cannot gain access.
- > Transponder technology for touch-free operation.
- > Consistent access management from entrance to display cabinet.
- > Interfaces for all of the most common hotel management systems (HMS).
- > Available interfaces to cash and guest account systems.
- > Large lever handle selection in different styles.
- > Standard key card formats as well as custom format options.
- > First class references throughout the world.
- > Installation, software engineering and after-sales service coordinated between hoteliers, contractors and Häfele.
- > Simple retrofitting to existing doors.
- > Conversion can take place without interfering with operation.



## DIALOCK IN USE YOUTH LAB

Enjoy security and privacy in shared rooms. Thanks to Dialock.



### Complete guest room as a system

Steel frame, door hardware, electronic Dialock access control system, door leaf and HPL finish are specified in accordance with requirements then ordered and delivered as a system (see also page 31).



### Beds, cabinets and compartments for each guest

Sleeping places were designed as niches and each outfitted with lockable pull-out cabinets and drawers. This provides a lot of storage space for backpacks, suitcases, clothes and shoes. Unlocking and locking with each guest's Dialock.





DIALOCK FROM THE  
MAIN ENTRANCE TO  
THE TAMBOUR DOOR  
COMPARTMENT

The “Youth Lab” was developed for young and young-at-heart travellers. The challenge was to design a room that allows flexible occupancy for two to six guests. The room was also to provide space for group activities as well as provide quiet areas. The result is a multi-functional room which conveniently acts as a six-bed room for students or with just a few adjustments, it

can be converted into a family room with a sleeping area for two children and a separate double bed for the adults.



### Lockable compartment at the head

A lockable tambour door compartment provides sufficient space for mobile phone, laptop, camera and other valuables. Dialock provides security and privacy.

### Project partners

- > Bavarian Association of German Youth Hostels, Munich, Germany
- > Students of the Munich University of Applied Sciences, Germany, under the leadership of Prof. Ruth Berkold

### Locations

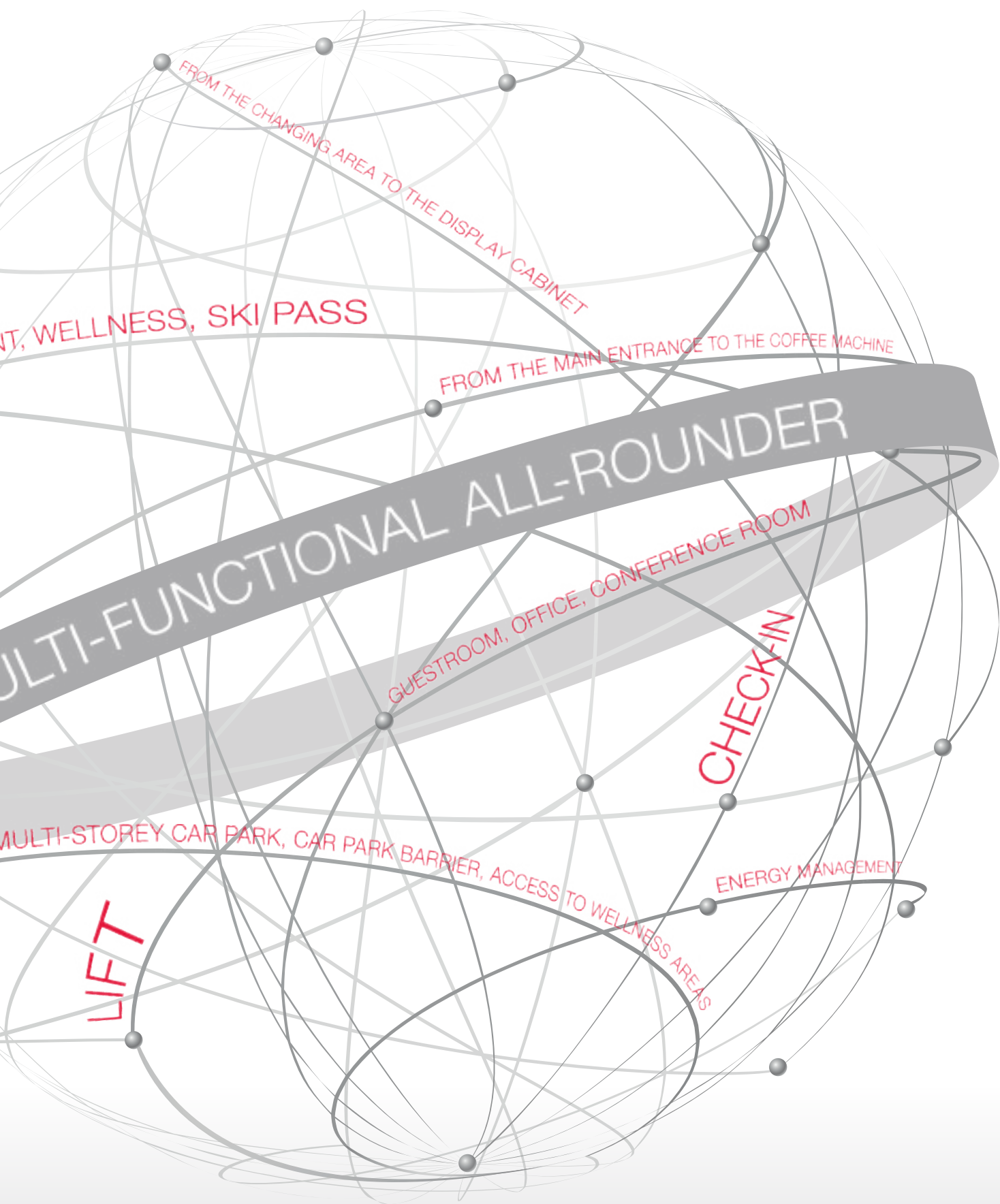
- > BAU 2013 Munich, Germany | ITB, Berlin, Germany
- Interzum, Cologne, Germany | Showroom, Stuttgart Airport, Germany “Fokus Hotel” at the Intergastra 2014, Stuttgart, Germany



## AREAS OF APPLICATION

Dialock, the universal door opener, locks and unlocks everything in the hotel. From the main entrance to the guest room to the cabinet door. From the drawer to the locker. Dialock can also be used in restaurants for making payments that are billed to the guest room. And, a ski pass can also be used as a Dialock key, contributing to complex, networked resort solutions.





# FLEXIBLE SYSTEM

Dialock is suitable for a wide variety of uses in the hotel.

The Dialock system can be customized to many requirements in hotels. From a few rooms or 1,000 rooms – Dialock is an extremely flexible system for organization and security. It provides maximum convenience for your guests and combines minimal effort with advanced security for the operators.

## CHECK-IN

Interface to the hotel management system (HMS).  
Page 16



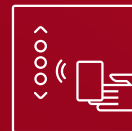
## MULTI-STORY GARAGE, PARKING GATES, ACCESS TO SPAS

Turnstile and door controls.  
Page 17



## ELEVATORS

Dynamic software tools for interface to elevator floor access.  
Page 18



## ACCESS CONTROL – GUEST ROOMS, OFFICES, CONFERENCE ROOMS

Restaurants/bars and back of house.  
Page 19



## FROM THE MAIN ENTRANCE TO THE COFFEE MACHINE

Dialock for wall mounting indoors and outdoors.  
Management of staff locking authorizations.  
Page 20



## FROM THE LOCKER ROOM TO THE DISPLAY CABINET

Locking system for lockers, golf and ski equipment lockers,  
safe-deposit boxes and display cabinets.  
Page 21



## INTERFACES TO SPA, SKI PASS AND OTHER TICKET SOLUTIONS

Interfaces to restaurants and other POS solutions.  
Page 22



## ENERGY MANAGEMENT

Central light control and power management in the guest room.  
Page 23





## DYNAMIC FUNCTIONS OFF-LINE OR ON-LINE



# CHECK-IN

Interface to the hotel management system (HMS).



The Dialock key is generated directly from your hotel management system (HMS) using the Dialock encoding station and Dialock Universal HMS interface software. Your hotel guests therefore receive a secure RFID credential as a guest key in credit card size or other optional format which gives them access to their room for the duration of their stay. The Dialock key is also be programmed with other options such as access to the elevator, the spa area or the parking garage. Lost keys can be blocked by simply using a replacement key. You manage all locking authorizations for guests as well as personnel and service providers. Clearly and centrally, managed in one coordinated system. When necessary, you can find out exactly which key accessed and opening and when. The Dialock access control system is scalable: it can be expanded at any time, and therefore grows with your requirements. Interfaces with developing and advanced kiosk, tablet and mobile phone devices are possible.



- > Allocation of guest key from all leading hotel management systems (HMS).
- > Quick check-ins and check-outs.
- > Individual access authorizations possible.
- > Access authorizations for guests, staff and service providers are managed separately.
- > When checking-in with the Hotelomat®, guests can be given their Dialock key at any time.



- > For technical data see pages 40 / 41



# MULTI-STORY GARAGE, PARKING GATES, ACCESS TO SPAS

Turnstile and door controls.



The encoded Dialock guest key allows access simply and touch-free: to the parking area gate, the turnstile to the spa area or the swimming pool and gates and doorways from public areas. All barriers and turnstiles are operated and controlled without the involvement of staff. This gives you and your guests additional security and convenience.



- > No staff personnel is needed to operate barriers, turnstiles or shared doorways.
- > Time limits for access validity for each Dialock key.



- > For technical data see pages 36 / 37





# ELEVATORS

Dynamic software tools for interface to elevator floor access.



Elevators can be integrated in the access control system with the Dialock elevator control. Your guests can conveniently go to their floor, the underground car park or spa area. You define the floors the guest is allowed to access. Unauthorized people cannot use the elevator. Wall reader options are available to achieve a perfect appearance and appropriate security.



- > Access control to the floors.
- > Different wall reader models in Merten, Siedle, Gira or Dialock design.



- > For technical data see pages 36 / 37



# ACCESS CONTROL – GUEST ROOMS, OFFICES, CONFERENCE ROOMS

Restaurants/bars and back of house.



Different models of battery operated door terminals are available for selection for your guest rooms. Choose from several different lever handles and finishes. This provides unique design options for you.

Dialock door terminals for guest rooms have a “Do not disturb” function. If your guest activates this function, the cleaning staff cannot enter the room. The “Do not disturb” function is automatically cancelled as soon as your guest leaves the room. Dialock door terminals operate with mechanical egress from the interior, providing appropriate life safety protection. Doors can also be opened with a mechanical key if necessary. Audit trail of mechanical emergency opening is available, if required.



- > Different versions.
- > Cost-effective expansion and retrofit.
- > Audit trail of locking processes.
- > No expensive cylinder and key change if a key is lost.



- > For technical data see pages 28 to 34, 46 / 47



# FROM THE MAIN ENTRANCE TO THE COFFEE MACHINE

Dialock for wall mounting indoors and outdoors. Management of staff locking authorizations.



Dialock wall terminals are preferred outdoors and for heavily frequented doors. They are permanently energised, can be operated offline and online and can be used for different types of door: Automatic doors, doors with electric drives, electric multiple locking devices, motor locks and roll-up doors. The wall terminal can also control the use of devices in your hotel. Coffee, snack or drinks machines, for example.



- > Outstanding reliability for frequently used doors.
- > Versatile.
- > Can be integrated with different systems such as Siedle-Vario.
- > Different reader models available: Dialock, Gira, Merten or Siedle.
- > Versions for exterior use.
- > Certified power supplies.



> For technical data see pages 36 / 37





# FROM THE LOCKER ROOM TO THE DISPLAY CABINET

Locking system for lockers, golf and ski equipment lockers, safe-deposit boxes and display cabinets.



Staff keys provide access to appropriate guest rooms, public access points and back of house openings. They can also provide managed control of hotel storage and display cabinets as well as staff's personal items in lockers or in their areas of responsibility such as restaurant and bar storage areas. Everything is perfectly coordinated in the Dialock system. Dialock locking components can be battery powered or connected to continuous power and battery back-up systems. Dialock also provides options to interface with time & attendance and concession equipment such as coffee machines.



- > Simple applications are available for small projects. Your advantages:  
Less administration and ease of operation.
- > Cost-effective expansion and retrofit is always possible.
- > High security standards.
- > Audit trail of locking processes.
- > No expensive cylinder and key change if a key is lost.



- > For technical data see pages 36 to 39



# INTERFACES TO SPA, SKI PASS AND OTHER TICKET SOLUTIONS

Interfaces to restaurants and other POS solutions.



Dialock can do much more than “just” lock and unlock doors conveniently. The Dialock key provides free access to the spa area for any number of days. Or it is used in the hotel restaurant to verify billing to the guest's room account. Your guest's ski pass could also be turned into a Dialock key. The advantage for your guest: Only one medium for the spa, restaurant, ski lift and guest room door. The advantage for you: Simplified and centralized processes and satisfied guests.

→ > Ski ticketing partner:

**AXESS**  
| **SKIDATA**  
authorized  
partner



- > Multiple applications: Different services can be integrated with a Dialock key.
- > Certified Skidata partner:  
Makes cooperation with public transport, leisure facilities, bike or ski rental, ski lift operators and many other tourism service providers possible.



> For further information see pages 36 / 37, 44 / 45



# ENERGY MANAGEMENT

Central light control and power management in the guest room.



Central control of all lights and devices which are operated using electricity. On entering the guest room, the Dialock key is inserted into the energy-saving terminal and the power circuit is activated. When leaving the room, the card is removed, the power circuit is interrupted, ensuring that all devices and lights are switched off. Dialock energy-saving terminals help to minimize energy consumption.



- > Central control of all devices, lights and air conditioning systems in the guest room.
- > Optimises your energy management.



- > For technical data see pages 35 to 37



# PRODUCT OVERVIEW

Door and wall terminals,  
furniture locks, programming  
components and Dialock keys.





# DIALOCK PRODUCTS

## DOOR TERMINALS (DT)

For convenient locking and unlocking of guest room and interior doors. Battery-operated. Cost-effective, in comparison to wired solutions. Easy installation.

DT 400



DT 210



## WALL TERMINALS (WT)

Ideal solution for high usage openings, automatic doors, turnstiles, elevators and vending machines.

WT 500



WT 100



## FURNITURE LOCKS (LL/EFL) FURNITURE TERMINAL (FT)

For convenient security for lockers, wardrobes, restaurant and bar storage, retail fixtures and display cabinets.

LL 100



EFL



## PROGRAMMING COMPONENTS AND DIALOCK KEYS

Easy programming and encoding of the Dialock key from your hotel management system (HMS) using Dialock software. The mobile data unit is used once to communicate access plan to and when needed, retrieve audit trails from the doors.

Encoding station / Mobile data unit



DT 100



DT 600



DT LITE



WT 120 / 130 / 140



Merten



Siedle



Gira



FT 120



Various door and wall terminals and furniture locks with different designs and finishes are available for the Dialock system. Appropriate programming components and various Dialock keys with advertising possibilities are also available.

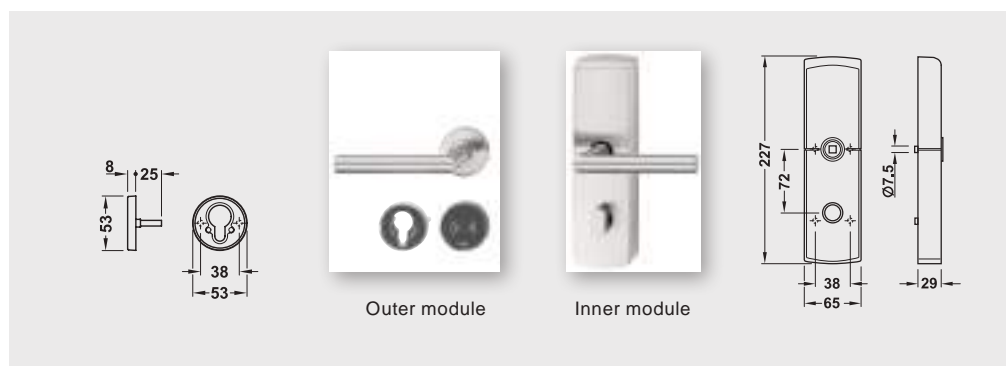
Dialock keys



# DT 400 – WITH ROSETTE AND ESCUTCHEON

**Large range of lever styles and finishes. For guest room and other interior doors.**

This simple and elegant electronic solution enhances the designers ability to create specific and unique concepts. Selecting a finish and style for the rosette, escutcheon and the levers no longer requires a compromise of appearance.



## Elegant

The door terminal is designed so that the building design standard rosette/escutcheon is maintained on the hallway side. The reader escutcheon finish can be customized to meet the customer's requirements.

## User-friendly

The guest can activate the "Do not disturb" function from the interior with the standard movement of the thumbturn.

## Technical overview

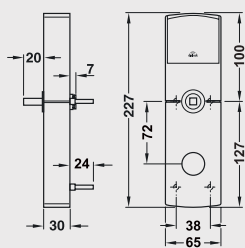
- > Cost-effective operation with commercial, easy to change batteries.
- > By operating the thumbturn, the "Do not disturb" function is indicated on the outside.
- > Can also be used on fire resistant and smoke control doors and is approved for EN 179.
- > DT 400 shows the cleaning staff when the batteries need to be changed in good time. The guest is therefore not affected.
- > Mechanical emergency opening, with optional audit trail thereof.



# DT 210 – DOOR TERMINAL

**For covering holes from existing door hardware. For guest room and interior doors.**

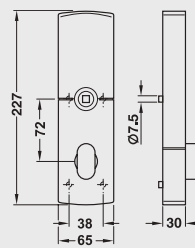
The DT 210 Dialock door terminal was specifically developed for use in hotels and is the choice for upgrading existing locking systems; holes and finish variations of the old door are simply covered.



Outer module



Inner module



## Individual design

The door terminal is available with several finishes and with different lever handles. The reader can be individually designed.

## User-friendly

The guest can activate the "Do not disturb" function from the interior with the standard movement of the thumbturn.

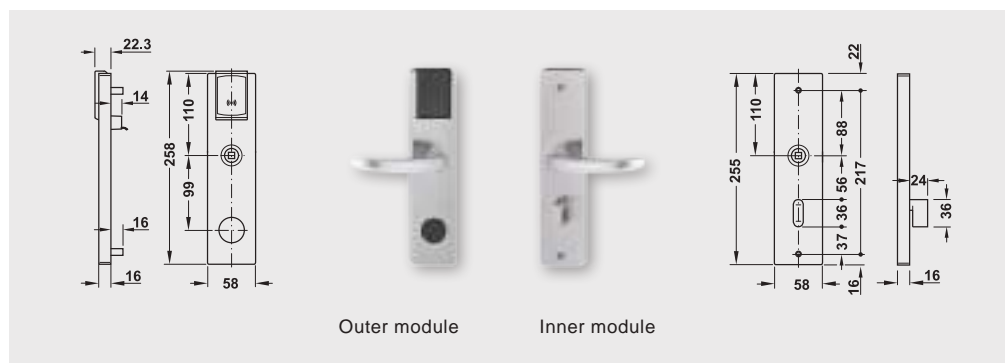
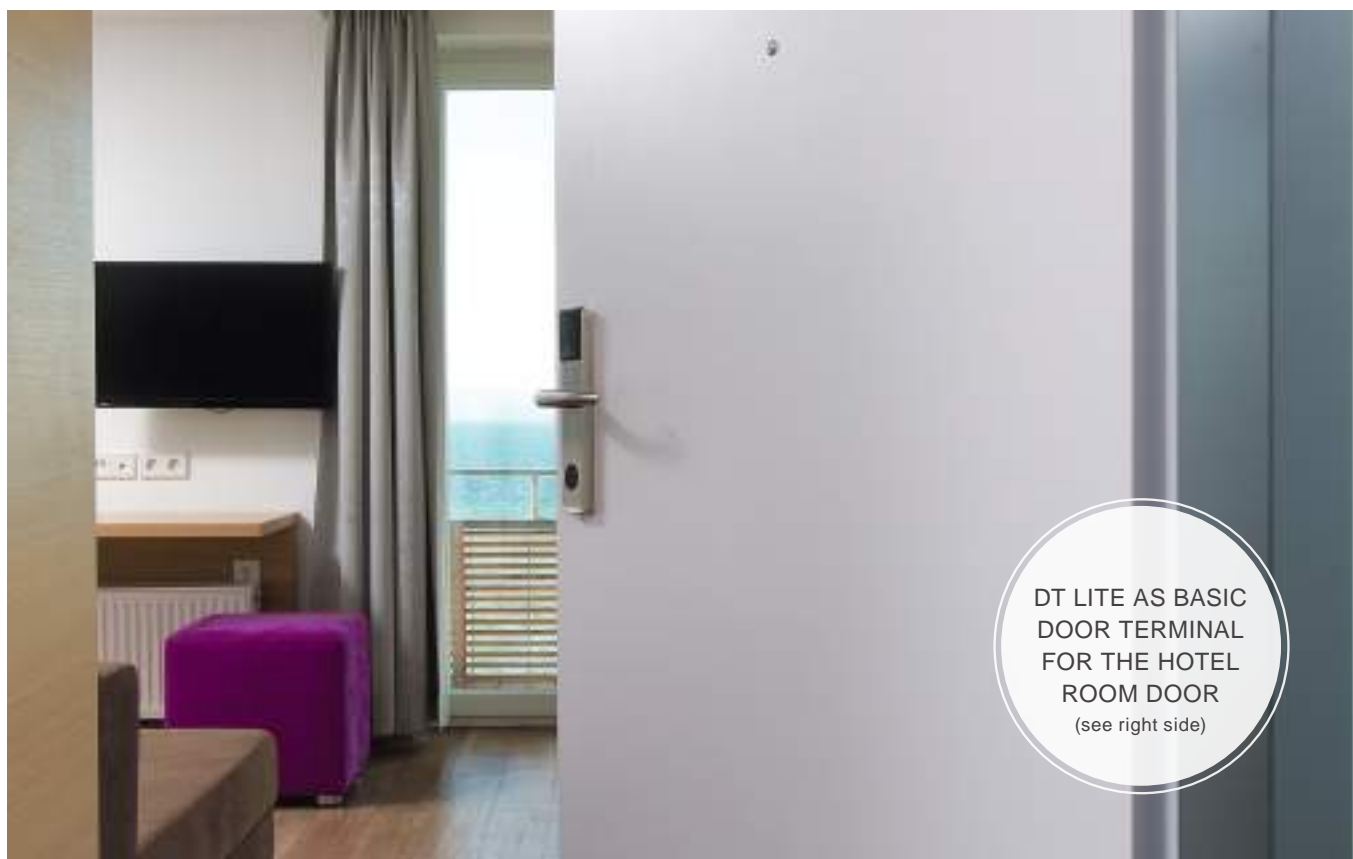
## Technical overview

- > Cost-effective operation with commercial, easy to change batteries.
- > By operating the thumbturn, the "Do not disturb" function is indicated on the outside.
- > The existing drill holes and colour differences of the old door hardware are concealed by the long backplate version.
- > DT 210 shows the cleaning staff when the batteries need to be changed in good time.
- > Can be retrofitted to existing DIN mortise locks.
- > Can also be used for fire resistant and smoke control doors.
- > Mechanical emergency opening, with optional audit trail thereof.

# DT LITE – DOOR TERMINAL

## Stainless steel door terminal. For guest room and interior doors.

The robust and functional stainless steel door terminal has been specially developed for the demands of hotels. It is a good choice for use in new hotels.



**The impressive DT Lite in stainless steel**  
The elegant door terminal integrates perfectly into modern hotel architecture.

## Technical overview

- > Cost-effective operation with commercial, easy to change batteries.
- > “Battery management” ensures that batteries with low charge are replaced in good time.
- > Indicates locking/unlocking with red / blue LEDs.
- > Mechanical emergency opening facility.
- > By operating the thumbturn, the “Do not disturb” function is indicated on the outside.

# THE COMPLETE DOOR SYSTEM FROM A SINGLE SOURCE

The hotel door individually configured for your hotel. Delivered as a single system.

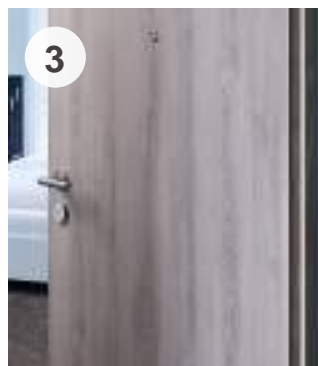
Steel frame, door hardware, Dialock electronic access control system, door leaf and HPL finish are combined to meet your specific requirements and delivered as a system.



**Steel frame**  
The perfect frame.



**Door hardware and access control system**  
The good connection.



**Door leaf**  
The central piece.

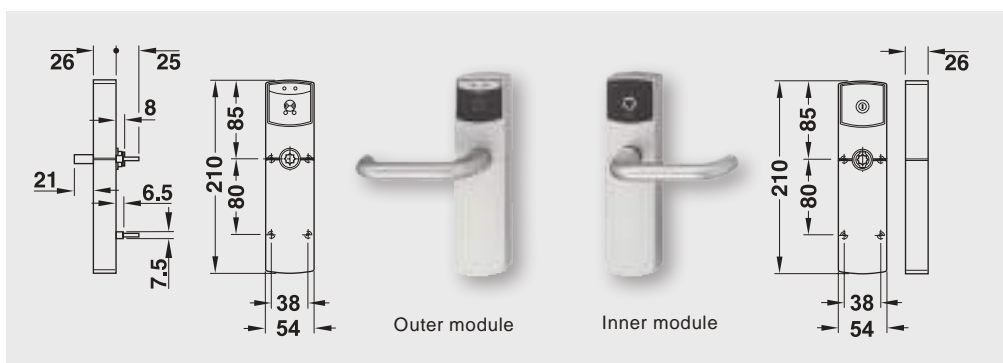


**HPL finish**  
The appearance.

# DT 100 – DOOR TERMINAL

**The classic all-rounder. For guest room and interior doors.**

The DT 100 entry-level model for guest room and interior doors has proven itself on thousands of hotel room doors. The slim plastic housing is available steel and gold-coloured finishes.



## The classic

This slim door terminal is suitable for any door and has a wide range of lever handles (DIN standard). The “Do not disturb” function is activated using a push-button in the guest room, or the doors of conference rooms, for example, are left permanently open depending on the configuration. In addition to being suitable for use on DIN standard doors, the DT 100 is also suitable for mortise locks in accordance with the Austrian standard.

## Technical overview

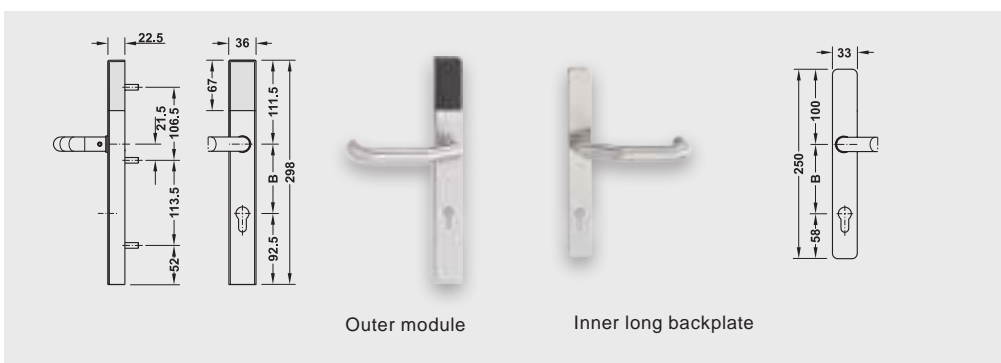
- > Cost-effective operation with commercial, easy to change batteries.
- > DT 100 shows the cleaning staff when the batteries need to be changed in good time. The guest is therefore not affected.
- > Easy retrofitting to existing doors.
- > Automatic open time can be set (daytime operation).
- > Can also be used for fire resistant and smoke control doors.
- > Mechanical emergency opening facility.



# DT 600 – DOOR TERMINAL

**Slim and attractive door terminal. For narrow frame and interior doors.**

The DT 600 door terminal for narrow frame and interior doors has an elegant, extremely slimline design. Available in matt stainless steel with reader cover in polished black plastic.



## Elegant and extremely slim

The battery-operated, intelligent DT 600 door terminal for narrow frame and interior doors is elegantly designed. All components are housed within the hardware module. This means that simple rosette and escutcheon sets or inner long backplates can be used on the inside. Versions for outdoor use are available on request.

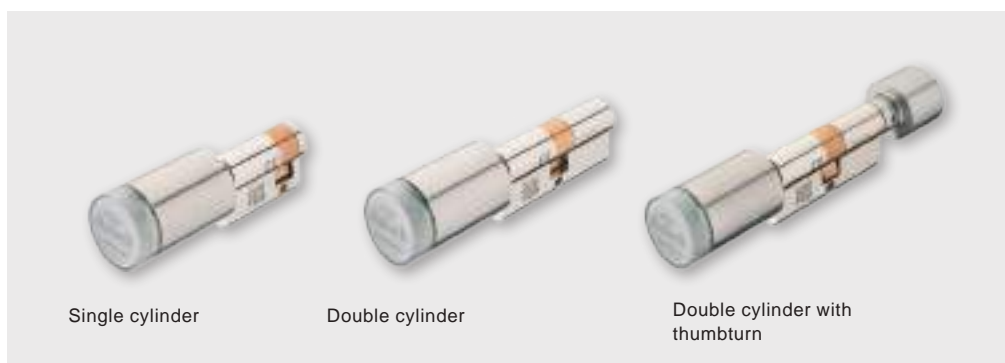
## Technical overview

- > Cost-effective operation with commercial, easy to change batteries.
- > DT 600 shows the cleaning staff when the batteries need to be changed in good time. The guest is therefore not affected.
- > Mechanical emergency opening facility.
- > Emergency exit doors are equipped with panic mortise locks in compliance with EN 1125, EN 179.
- > With dimensions of H 298 x W 36 x D 22.5 mm it is extremely slim and fits on door locks with backsets starting at 35 mm and a distance of 72 or 92 mm.
- > Unlocking/locking indication with blue/red LED's.

# DT 510 – PROFILE CYLINDER

**Electronic profile cylinder. For interior and exterior doors during hotel renovation and for special applications.**

Easy retrofitting to doors, including exterior doors. The mechanical locking cylinder is simply replaced with the electronic Dialock cylinder. Ideal solution for hotel renovation and for locations where other battery powered terminals will not fit.



Single cylinder

Double cylinder

Double cylinder with thumbturn

## **Replaces the mechanical locking cylinder**

The mechanical locking cylinder is simply replaced by the electronic Dialock cylinder. Ideal for hotel renovations and when retrofitting to additional doors.

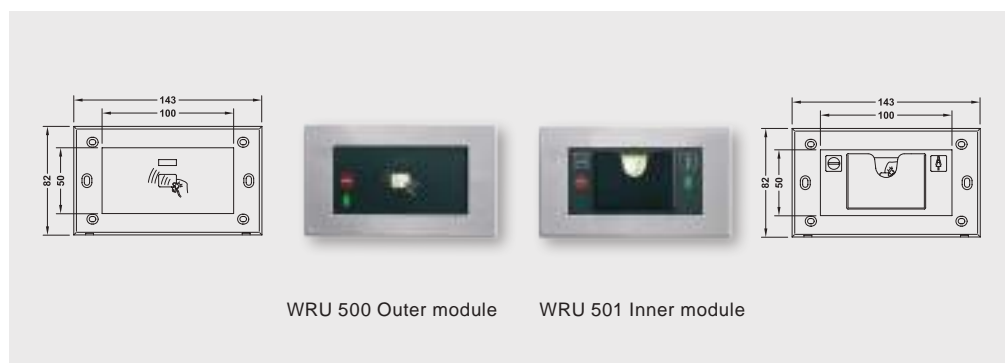
## **Technical overview**

- > Cost-effective operation with commercial, easy to change batteries.
- > “Battery management” ensures that batteries with low charge are replaced in good time.
- > Suitable for DIN mortise locks.
- > Indicates locking/unlocking with LEDs.
- > Easy locking from the inside.
- > Can also be used for fire resistant and smoke control doors.
- > Easy retrofitting to existing doors.

# WT 500 – WALL TERMINAL

## Wall terminal. For guest room doors.

For new hotels and hotel renovations there are not just Dialock door terminals but also Dialock wall terminals. These are installed with power supplies, battery back up systems and electric locking devices. Wall terminals can be combined in a solution with door terminals and other Dialock devices. They can be operated off-line or on-line.



### Outer modules and inner modules optimise your energy management

The overall package consists of two modules. The wall terminal for obtaining access. And the inner module, an additional unit in the guest room. The inner module is an active energy-saving terminal and can distinguish between guests and staff. Touch-sensitive buttons for "Do not disturb" and "Please clean room" are also integrated.

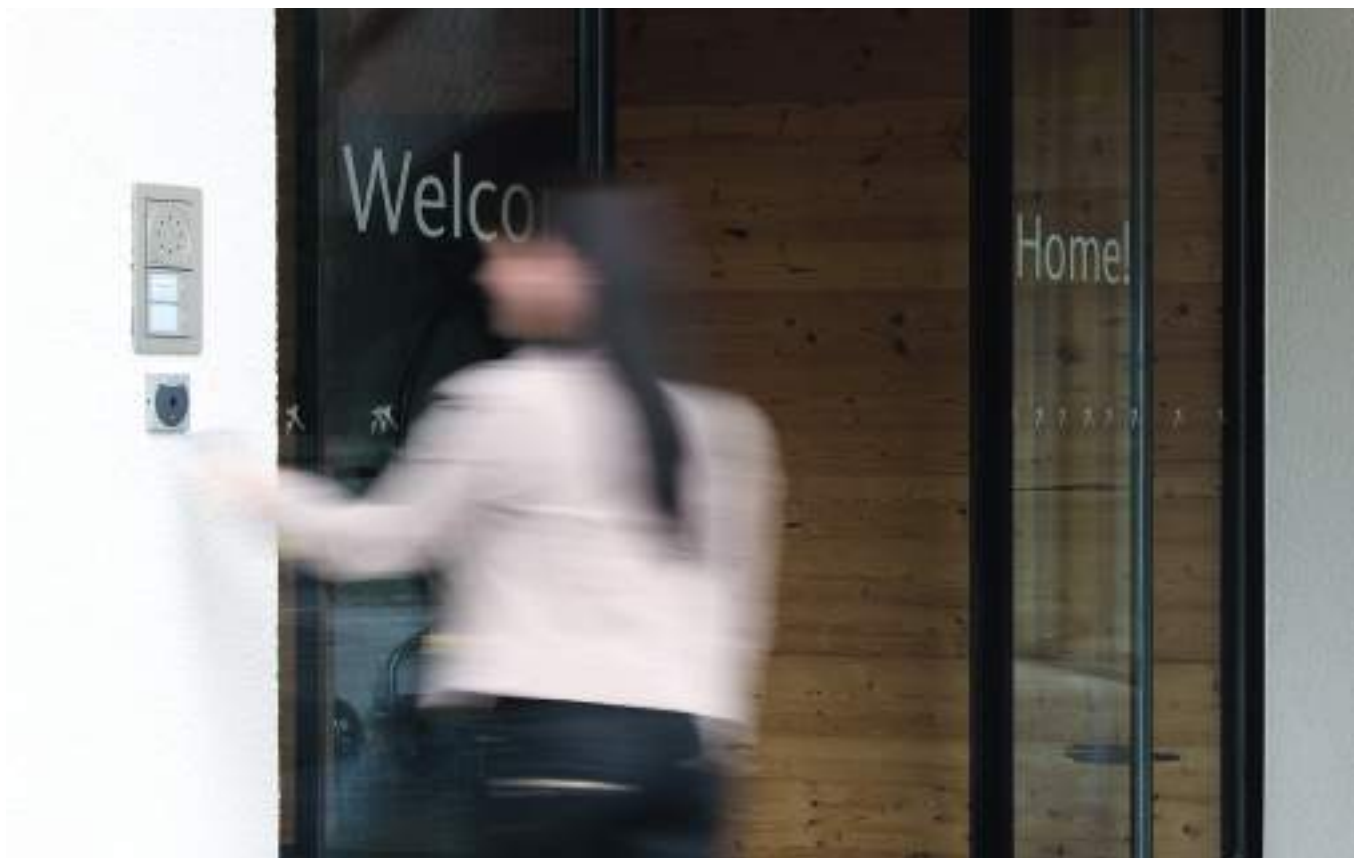
## Technical overview

- > Wall terminal solution for guest rooms.
- > Illuminated control panel with LED status indication (green = unlocked; red = locked).
- > Touch-sensitive buttons for "Do not disturb"; "Please clean room".
- > LED indication "Do not disturb"; "Please clean room", inside and outside.
- > Flush mounting.

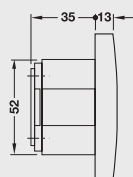
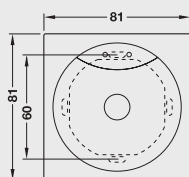
# WT 100 – WALL TERMINAL

**Wall terminal. For interior and exterior doors, furniture and garage gates.**

The Dialock WT 100 wall terminal has established itself as the standard terminal for exterior hotel doors and doors in high traffic areas.



Standard version of Dialock



## **In external areas and for doors that are heavily frequented**

The WT 100 wall terminal controls access to entrance doors, guest room doors and access doors, car park barriers, staff entrances and turnstiles. A monitoring camera can also be actuated.

## Technical overview

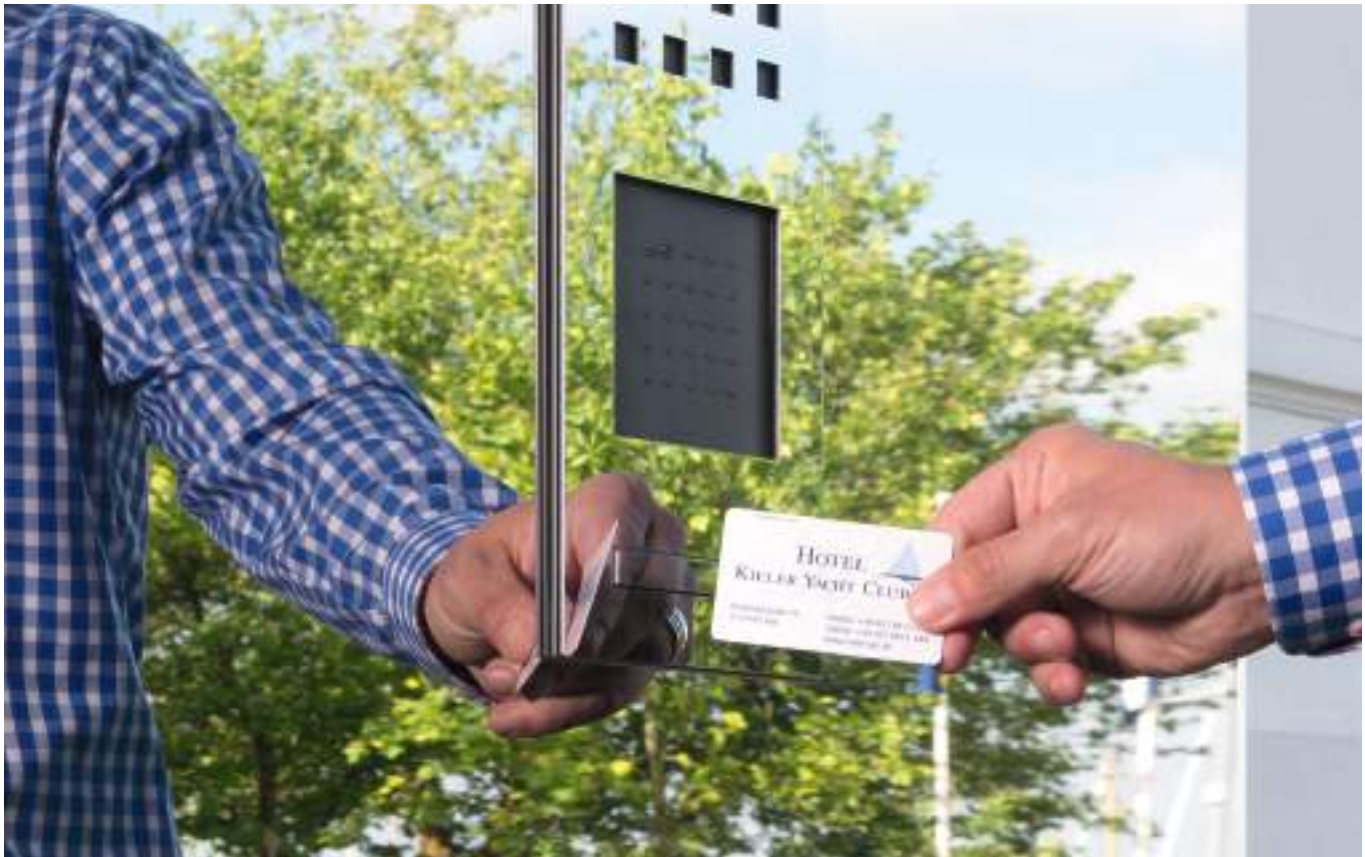
- > Wall terminal for main and secondary entrances.
- > Power supply from mains.
- > The Dialock wall terminal is particularly suitable for external areas and heavily frequented doors.
- > Actuation at car park barriers, turnstiles, coffee machines etc.
- > Can be used online and offline.



# WT 120/130/140 – WALL TERMINAL

## Wall terminals. For interior and exterior doors, furniture and garage gates.

In addition to the Dialock reader formats there are also reader formats compatible with the Merten, Gira and Siedle system components. As a result, you can achieve a consistent design concept while combining advanced Dialock features with lights, intercoms, CCTV security and more.



Merten design system M for interior doors, furniture and lighting



Siedle design for exterior doors and gates



Gira Esprit designer frame  
Black glass for interior and exterior doors, furniture and lighting

### In external areas and for doors that are heavily frequented

The WT 120, WT 130 and WT 140 wall terminals control access to entrance doors, guest room doors and access doors, car park barriers, staff entrances and turnstiles. A monitoring camera can also be actuated.

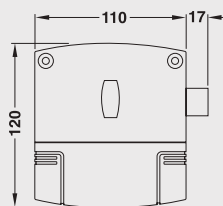
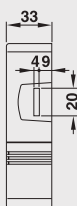
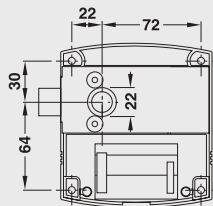
## Technical overview

- > Wall terminals for main and secondary entrances.
- > Power supply from mains.
- > Wall terminals with the Merten, Siedle or Gira design for internal and / or external areas.
- > Actuation at car park barriers, turnstiles, coffee machines etc.
- > Can be used online and offline.
- > Gira designer frame with many different colour versions, with optional information symbols for hotels.

# LL 100 – LOCKERLOCK

## Locker lock. For cabinets and safe-deposit boxes.

The LockerLock LL 100 is designed for cabinet and locker doors made from wood, MDF, HDF, plastic and glass. It is suitable for safe-deposit boxes, guest and staff lockers and ski lockers in spa areas or ski storage rooms.



### For cabinets and safe-deposit boxes

The button is pressed using the key and indicates the locked or unlocked status. The battery-operated locker locks made from black plastic are easy to retrofit.

## Technical overview

- > Cost-effective operation with commercial, easy to change batteries.
- > Battery control: If the battery change is due, the locker can still be unlocked but not locked again.
- > For installation on doors made from wood, MDF or HDF.
- > Free choice of locker or fixed allocation
- > to a user can be selected.
- > The battery compartment features an anti-theft protection.
- > Integrated real-time clock for audit trail of all processes.
- > Cable interface for programming.

# EFL 3/3C, FT 120/130 – FURNITURE LOCK

Furniture lock and terminal. For cabinets, retail fixtures, display cabinets and safe-deposit boxes.

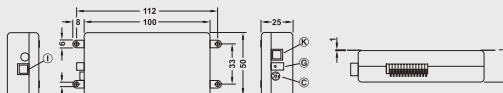
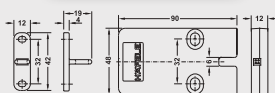
Combining the EFL furniture locks with the FT furniture terminal means that furniture such as cabinets, display cabinets and post distribution systems can be locked and unlocked electronically. And with access managed and when needed audited by the Dialock system.



EFL 3



FT 120



**EFL furniture lock and FT furniture terminal for cabinets, display cabinets and safe-deposit boxes**

The intelligent FT furniture terminal is used to control EFL furniture locks when used in cabinets, lockers, display cabinets and safe-deposit boxes. The EFL 3 and the FT 120 are shown as examples.

## Technical overview

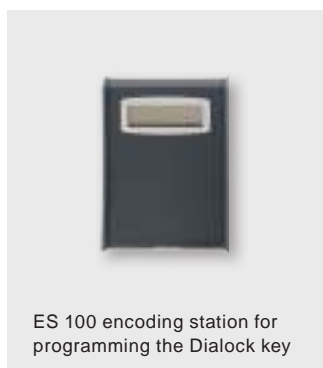
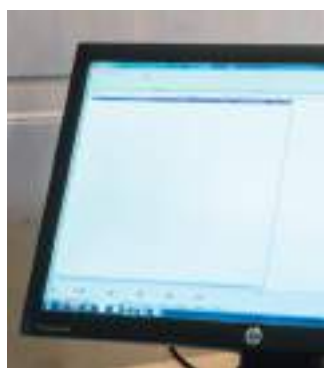
- > EFL furniture lock for drawers, cabinets, lockers, display cabinets and safe-deposit boxes.
- > Power supply from mains.
- > Not affected by magnets.
- > With feedback contact, optionally with contact for door status indication.
- > The EFL locks automatically after 3 sec.
- > In addition to the factory setting of 3 sec, locking times of up to 120 sec can be selected. Can be set to permanently open.
- > FT 120 optional with energy storage capacity CAP (for integrated real time clock, stored for 6 days).



# PROGRAMMING COMPONENTS

## For programming the Dialock guest and staff keys.

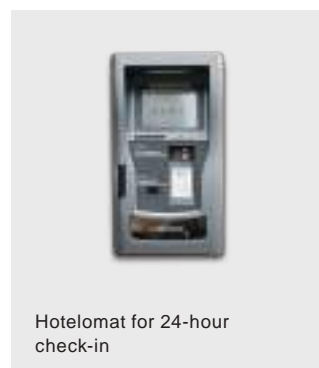
The Dialock room key is seamless encoded for your guest during check-in. Room number, check-out date / time and other needed data is transferred directly from your hotel management system (HMS) via the encoding station to the Dialock key.



ES 100 encoding station for programming the Dialock key



MDU 100 mobile data unit for configuring door terminals



Hotelomat for 24-hour check-in

## Technical overview

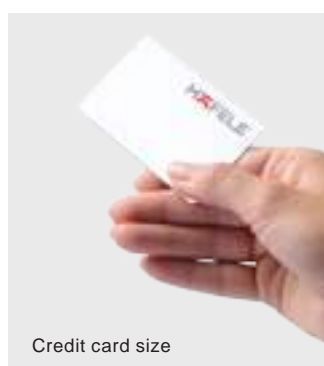
- > Link to all leading hotel management systems (HMS).
- > Dialock connecting software, Universal HMS interface, as interface to all leading HMS.
- > ES 100 encoding station for encoding Dialock keys. Optional with or without display.
- > MDU 100 mobile data unit for quick and convenient door terminal configuration.
- > Management of guest and staff keys.
- > Real-time audit trail.



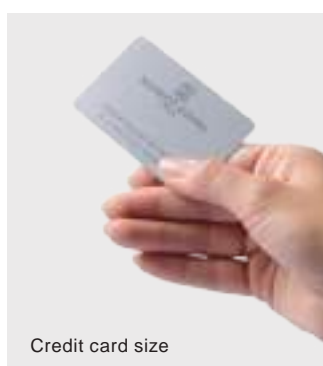
# RFID DIALOCK KEY

## In credit card size.

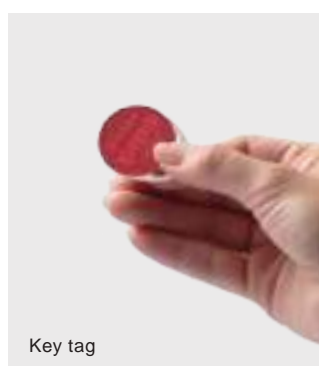
These cards with custom printing or advertising are the standard choice for guest use. Key tags are often selected for staff for convenient attachment to key rings. Wrist bands and custom formats are also available and can support the hotels marketing image.



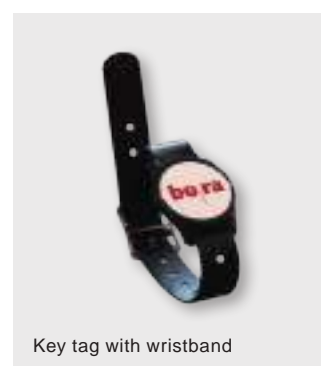
Credit card size



Credit card size



Key tag



Key tag with wristband

Reliable. Functional.  
And a marketing opportunity.

The Dialock key is cost-effective, resistant to mechanical wear and insensitive to electromagnetic fields. An advantage over magnetic cards. Custom printing from customer's artwork is available.



The image is a full-page spread. The left half features a large, solid red vertical band. To its left, a narrow vertical strip shows a blurred view of a hallway with a brown wall and a bright orange light fixture. The right half of the page shows a modern interior hallway. The floor is covered in a large, colorful geometric pattern of squares in shades of yellow, orange, red, and blue. A glass partition with a metal mesh screen runs along the right side of the hallway, reflecting the interior lights and colors. The ceiling has recessed lighting.

# HÄFELE – YOUR COM- PLETE PROJECT PARTNER

Häfele cabinet and architectural hardware, bath accessories and LED lighting making Häfele a valuable partner in design coordination and project management.





# SECURE DOOR LOCKS

Security is given the highest priority in hotels. The standard door lock, the deadlocking latchbolt lock and the lock with self-locking action are the perfect additions to the Dialock system.



---

## Standard lock

- > Locking using the latchbolt only.
- > 2-turn deadbolt.
- > Grade 3 lock for projects.

---

## Deadlocking latchbolt lock

- > Additional protection from the dead-locking latchbolt.
- > Locking via the deadlocking latchbolt.  
The lock cannot be opened with a credit card.  
If the door is locked, then the latchbolt cannot be manipulated, cannot be pushed into the lock.
- > The Quiet-Comfort equipment ensures quiet closing of the door.
- > Grade 3 lock for projects.

---

## Lock with self-locking action

- > Locking using the deadbolt.  
The best possible protection.
  - > The self-locking action provides additional protection.  
Deadbolt is automatically extended by 20 mm when the door is closed.
  - > Operating the lever handle retracts the latchbolt and deadbolt via the comfort function and the door is opened.
  - > Grade 3 lock for projects.
  - > Audit trail of emergency openings via the profile cylinder in the door terminal is possible depending on the type of door terminal (DT 210, DT 400).
-



# HYGIENICALLY ACTIVE HANDLES

The Alasept invisible anti-bacterially effective surface coating ensures that bacteria and germs have no chance in the hotel.



## Certified safety

- > Alasept provides protection where people are entering and leaving.
- > Alasept reduces germs.
- > Alasept works 24/7.
- > Alasept promotes your image.
- > Alasept for stainless steel fittings is neutral in colour.
- > Alasept is robust and scratch-resistant.

MORE  
INFORMATION  
CAN BE FOUND  
IN THE ALASEPT  
BROCHURE



## Alasept for door terminals and furniture fittings.

With anti-bacterial effectiveness of 99.9 %, Alasept is very similar to a surface disinfectant. The coating is based on the oldest metal known to mankind: Copper. The copper substrate kills bacteria and viruses immediately. Germs cannot colonise fittings coated with Alasept.

Particularly in hygiene-sensitive areas, you minimise the risk of transmitting germs with Alasept. This is for the benefit of all guests and staff in your hotel. This is the case in the world's first "Alasept hotel", the ibis Styles Nagold-Schwarzwald hotel in Nagold, Germany. This hotel was equipped with door fittings with the anti-bacterially effective Alasept coating in November 2012.

The anti-bacterially effective Alasept coating for fittings from Häfele is the first solution of its kind on the market and was tested and certified in accordance with ISO 22196 in 2011. Certification took place at the independent test institute Hohenstein Laboratories GmbH & Co. KG, and was confirmed for two additional years in 2013. Many different stainless steel fittings such as door, window and furniture handles and architectural hinges can be enhanced with the patented coating procedure. And provide additional hygiene in the hotel. More information can be found at [www.alasept.de](http://www.alasept.de)



Hotel ibis Styles Nagold-Schwarzwald, Nagold, Germany

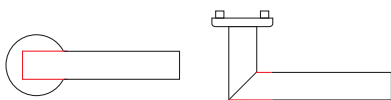
# LARGE SELECTION OF HANDLES

## The right handle for your Dialock door terminals.

How graspable are levers? What style and shape choices are there? Why can this be important in a hotel? Which materials and finishes are suitable for hotels with regard to appearance and feel? A wide selection assures that you can fulfill your design intent while providing a feeling of quality and security. Here is a material and finish overview as a decision-making aid.

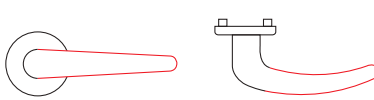
## Style and finish.

Levers are available in different styles and finishes. Changes in finish and style can change the look and feel of a lever and the complete door.



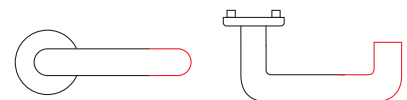
### Straight thumb contact surface

The straight shape supports the thumb when gripping and opening.



### Comfortable and attractive

A rounded lever handle fits snugly in the palm of the hand, and is secure and comfortable.



### A secure grip

The lever handle with a rounded shape on the inside, facing the door, provides a good grip when opening, without slipping.

## Material.

The material determines how a lever handle feels.



Aluminium



Stainless steel



Brass



Zinc

## Finish.

Depending on the finish, lever handles look different.

FURTHER  
INFORMATION AT  
HAFELE.COM



Aluminium, silver colored



Stainless steel, matt



Brass, chrome plated, polished



Brass, chrome plated, matt



Brass, polished



Brass, polished, PVD coated



Brass, nickel plated antique

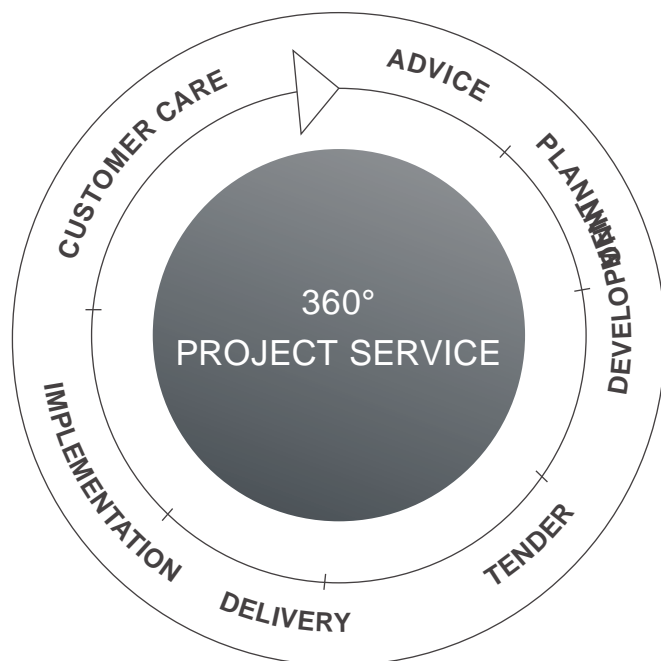
SPECIAL VERSIONS  
ON REQUEST FOR  
EXAMPLE,  
ANTIQUE  
NICKEL PLATED  
BRASS



Zinc alloy, chrome plated polished

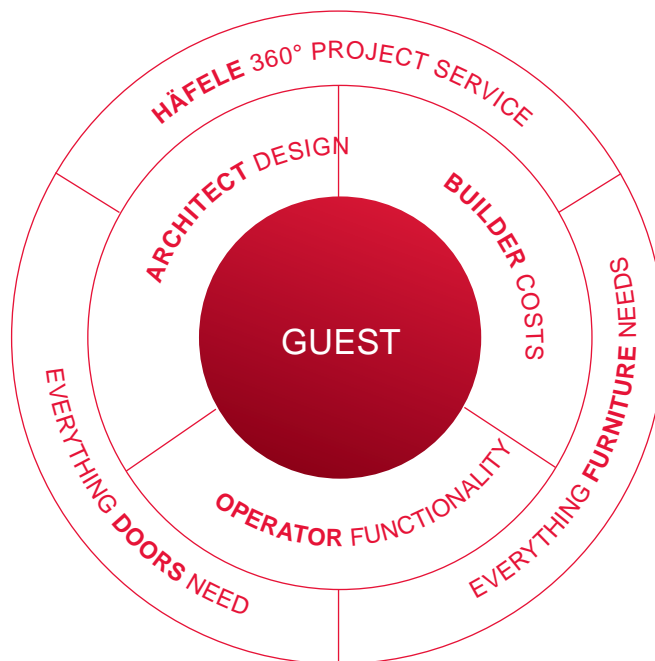
# 360° PROJECT SERVICE

The systems and consulting expertise of Häfele for architects, interior designers, specialists, consultants, builders, investors and operators.



## Competence in Project Support and Services.

A central pillar of this service offering is manufacturer-independent advice on architectural and furniture hardware. Häfele's project specialists are competent, solution-oriented partners for architects, builders, investors, specialists, consultants and general contractors. In addition, Häfele also offers extensive support in all phases of the project development. For example, specialized planning aids facilitate the development and implementation of electronic access control systems, lighting concepts in furniture and furnishings, as well as sliding door solutions. The hardware store founded in 1923 by Adolf Häfele is now one of the leading international companies for furniture and architectural hardware as well as electronic access control systems. Worldwide, more than 6,000 employees support approximately 160,000 customers in over 150 countries. The headquarters of the family-operated company is still in Nagold, Germany where it began. Häfele supplies hardware to healthcare, hospitality and other commercial and residential markets to cabinet manufacturers as well as trades that support building contractors, with hardware of all famous brands as well as fittings from its own production plants in Germany.



## Hotel Market Project Competence.

In addition to the 360° project service, Häfele's breadth and depth of product range provides an additional basis for expertise in the hospitality sector. This leads to solutions for specific and customized concepts, even for more complex requirements: whether it concerns the hotel room door as a complete system, Dialock electronic access control or the Häfele functionality for optimized hotel furniture. Many hotel projects of a multitude of categories and with different requirements and equipment have been realized by Häfele worldwide. With targeted systems and products for hospitality, we offer standard and alternative solutions to implement your hotel concepts: everything needed for doors and everything needed for furniture. Through our role as a valuable innovator and trendsetter, not only major hotel chains such as Accor and Hyatt are among our customers, but also family-operated private hotels or youth hostel and hostel market. Specialized staff in our project services teams provide expert support for hospitality specifiers, builders and operators. This results in buildings and rooms that make investments that are fit for the future possible in the modern hotel world.





# INTERNATIONAL REFERENCES

A wide range of hotel projects in many different categories, qualities and equipment have been successfully implemented both in Germany and abroad using Dialock systems. You can request references in your area from Häfele at any time.



**Sapphire Residence and Commercial Center**  
Istanbul, Turkey



**Ayvazovskiy**  
Olympic village in Sochi, Russia



**Hilton**  
Pattaya, Thailand



**Le Manali**  
Courchevel, France





**Casa Gangotena**  
Quito, Ecuador



**Le Pr  t  ge Imp  rial**  
Plombi  res-les-bains, France



**Shahdag Resort**  
Mount Shahdag, Azerbaijan



**Hotel Dukagjini**  
Peja, Kosovo

# INTERNATIONAL REFERENCES



**Centara Beach Resort**  
Phuket, Thailand



**Haven Resort**  
Hua Hin, Thailand



**Cevahir Hotel Sultanahmet**  
Istanbul, Turkey



**Hotel Puro**  
Cracow, Poland



# REFERENCES IN SWITZERLAND



**Hotel Schweizerhof**  
Lucerne, Switzerland



**frutt LODGE & SPA**  
Melchsee Frutt, Switzerland



**CERVO Mountain Boutique Resort**  
Zermatt, Switzerland

# REFERENCES IN AUSTRIA



**Falkensteiner Hotel Schladming**  
Schladming, Austria



**Hotel Bergresort Werfenweng**  
Werfenweng, Austria



**Hotel AVIVA**  
St. Stefan am Walde, Austria





**Hotel DAS.GOLDBERG**  
Bad Hofgastein, Austria



**The Ritz-Carlton, Vienna, A-Vienna**  
Vienna, Austria



**Hotel Planai, A-Schladming**  
Schladming, Austria

# REFERENCES IN GERMANY

A wide range of hotel projects in many different categories, qualities and equipment have been successfully implemented both in Germany and abroad using Dialock systems. You can request references in your area from Häfele at any time.



**bora HotSpaResort**  
Radolfzell, Germany



**Beach Motel**  
St. Peter-Ording, Germany



**Hotel Kieler Yachtclub**  
Kiel, Germany





**Steigenberger Hotel Drei Mohren**  
Augsburg, Germany



**Explorer Hotel Neuschwanstein**  
Nesselwang, Germany



**Hotel ibis Styles Nagold-Schwarzwald**  
Nagold, Germany



**Winters Hotel Berlin Mitte The Wall**  
Berlin, Germany



**Mandarin Oriental Hotel**  
Munich, Germany



**Zollenspieker Fährhaus**  
Hamburg, Germany

## Notes

[illegible]

## Notes

[illegible]

# H'AFELE

**Mumbai Design Centre:**

#2 Filix Building, Opp. Asian Paints,  
L.B.S. Marg, Bhandup (west),  
Mumbai - 400 078.  
Tel.: 022 2596 6728 / 2596 9689 / 2596 9660  
/ 2596 8265 / 2596 9787.

**Timings: Monday to Saturday: 10am - 7pm**  
**Sunday: 11am - 6pm**

**Mumbai Corporate Office:**

Office No. 3, Buliding "A", BETA, I Think  
Techno Campus, Off J.V.L.R.,  
Opp. Kanjurmarg East, Mumbai - 400 042.  
Tel.: 022 6142 6100 • Fax: 022 6702 0531.

**New Delhi Design Centre:**

D-89, 1st Floor, Okhla Phase-I,  
New Delhi - 110 020.  
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**Bangalore Design Centre:**

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**Kolkata Design Centre:**

PS PACE, Premises No. 1/1A,  
Mahendra Roy Lane, Kolkata - 700 046.  
Tel.: 033- 2285 0104 • Fax: 033 2498 8020.

**Chennai Design Centre:**

New No. 20, (Old No. 63), 1st Main Road,  
Besant Nagar, Chennai - 600 090.  
Tel.: 044 - 4215 1542 • Fax: 044 2446 0922.

**Pune office:**

Office No. 12, Vastushree Complex,  
Survey No.587, Near Hyde Park,  
Gultekdi, Market Yard, Pune - 411 037.  
Tel.: 020 2426 6264 • Fax: 020 2426 6274.

**Sri Lanka office:**

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Jayawardanapura, Sri Lanka.  
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**Bangladesh:**

Tilottama Design Studio  
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Gulshan 1, Dhaka - 1212  
Tel.: 880-2-9886526  
Mob: 8801-672434394

**Nepal**

Monika Home Decor  
Kathmandu Plaza, Kamaladhi,  
Kathmandu, Nepal  
Tel.: 00 977 1 4168682/  
00 977 9818496082

**Bhutan**

S C & K Marketing and Sales  
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