

HÄFELE

# STORE FIXTURE HIGHLIGHTS.

ACCESS CONTROL AND LIGHTING SYSTEMS.





Convenient and secure: Lockable drawers in sales counters.

# STORE FIXTURES WITH DIALOCK.

The Dialock electronic access control system provides security and convenience.

Thanks to Dialock, lockers, drawers and sliding doors in display cases, sales counters and other store equipment and internal and external doors can be operated simply and touchlessly with a single electronic key. The access control system consists of software, a key, an encoding station, a mobile data unit, a furniture lock, a door terminal and a wall terminal.

## Why Dialock? The benefits for you:

- > **Convenience.** Replaces mechanical keys. Discreet handling. Acoustic signal when display case is open. Can be combined with other electronic systems. Simple Plug&Play installation and retro-fitting.
- > **Security.** Electronic keys can be quickly allocated and withdrawn. Audible indication in the event of break-in. Touchless, secure and copy-proof transponder technology. Optional audit trail.
- > **Flexibility.** Flexible access authorisations for limited time periods, programmable on site. Individual, homogeneous design, without visible locking points. Can be combined with other electronic components. Controlling of multiple locks via an FT120 reader unit.

**Dialock components** (see page 6 for installation situation).



Software



Key



Encoding station



Mobile data unit



Furniture lock, wall and door terminal

Dialock is an access control system based on passive transponder technology. The transponder, a microchip with an antenna, is placed on a Dialock key and communicates with a furniture terminal by radio. Touchlessly. It does not require its own power supply, but obtains its energy for communicating from the electric field of the furniture terminal.

## DIALOCK PRODUCTS FOR USE IN STORE FIXTURES.

**FT 120**



- > Intelligent furniture terminal for controlling furniture locks
- > **Cat. No. 237.58.111**

**FAN 100 Antenna**



- > Reader unit for key tags for installation in furniture
- > **Cat. No. 237.58.130**

**MLA 6**



- > Electronic multi-lock adapter for keyed alike furniture locks
- > **Cat. No. 910.51.088**

**MLA 8**



- > Electronic multi-lock adapter for keyed alike and/or keyed different furniture locks
- > **Cat. No. 910.51.084**

**EFL 1 / EFL 1C**



- > Electro-mechanic lock for hinged doors or flaps
- > **Cat. No. 237.56.000**
- > **Cat. No. 237.56.030**

**EFL 3 / EFL 3C**



- > Electric lock for hinged, flaps, sliding doors, drawers
- > **Cat. No. 237.56.304**
- > **Cat. No. 237.56.305**

**EFL 41**



- > Electric lock for glass sliding doors in furniture equipment
- > **Cat. No. 237.56.971**

**EFL 80**



- > Electric drawer lock
- > **Cat. No. 422.91.040**
- > **Cat. No. 422.91.045**

**PS 1/PS 2 Power supply unit**



- > For supplying power to FT120, FT130 as well as output extenders and multi-lock adapters
- > **Cat. No. 237.58.140**
- > **Cat. No. 237.58.141**

**Relay unit**



- > For controlling additional components
- > **Cat. No. 237.56.132**

**Key tags**



- > Dialock key in different colours, customised imprint possible
- > **Cat. No. 917.44.143**

**MDU 100**



- > Mobile data unit for configuring terminals
- > **Cat. No. 917.42.141**



**Mood light:** Soft, indirect lighting reinforces the feel-good effect in sales premises.

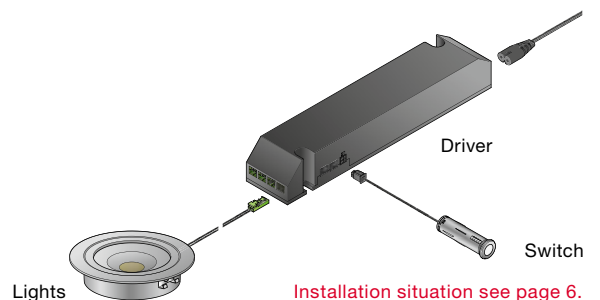
# STORE FIXTURES WITH LOOX.

The Loox LED lighting system is modular, flexible and predestined for worldwide use.

Loox brings light into furniture. The cosy atmosphere light in compartments, drawers, shelves and display cabinets allows you to display your products with sales-promoting accent lighting in all of your salesrooms. The modular, flexible and easy to install Plug&Play lighting system consists of LED lights for directed and mood light, drivers, switches and other system components that are suitable for international use.

## Why Loox? The benefits for you:

- > Easy integration using Plug&Play technology.
- > Extremely flexible: Drivers for any system.
- > International use: Drivers for different mains voltages and frequencies that are found all over the world.
- > Large selection of LED lights for different systems (12 V, 24 V, 350 mA).
- > Large selection of standard switches.
- > Certified quality and safety.



Installation situation see page 6.



**Comfort light:** Recesses are given volume using spotlights.



**Functional light:** Surface directed, white light guarantees colour fidelity.

## LOOX PRODUCTS FOR USE IN STORE FIXTURES.

### LOOX LED 4010



- > Dimmable stack light for display cabinets and shelving units
- > With rotating dimmable light head
- > **Cat. No. 833.80.010**

### LOOX LED 4013



- > Swivel spotlight for display cabinets and shelves
- > With rotating dimmable light head
- > **Cat. No. 833.79.060**

### LOOX LED 4015



- > Swivel eyeball spotlight for display cabinets and shelving units
- > Swivelling eyeball and rotating housing
- > **Cat. No. 833.79.070**

### LOOX LED 4003



- > Recess downlight for putting emphasis on items in furniture / dimmable
- > **Cat. No. 833.78.040**

### LOOX LED 4007



- > Recess downlight for putting emphasis on items in furniture / dimmable
- > **Cat. No. 833.78.020**

### LOOX LED 4011



- > Post light for elegant spotlighting of products
- > Dimmable, swivelling and height adjustable
- > **Cat. No. 833.80.000**

### LOOX LED 4012



- > Recess swivel spotlight for putting products in the spotlight
- > High light intensity
- > Dimmable
- > **Cat. No. 833.78.050**

### LOOX LED 4014



- > Recess high power spotlight
- > Compact dimensions
- > Top quality design
- > High luminosity / dimmable
- > **Cat. No. 833.78.060**

### SENSOR SWITCH



- > Touchless on/off switching by opening or closing the door
- > **Cat. No. 833.89.041**

### LED DRIVER



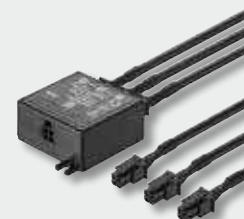
- > Driver for all 350 mA LED lights
- > For all of the worlds power systems and switches
- > **Cat. No. 833.80.902**

### MULTI SWITCH BOX



- > For operating one driver with 2 or 3 switches
- > **Cat. No. 833.89.060**

### MULTI DRIVER BOX

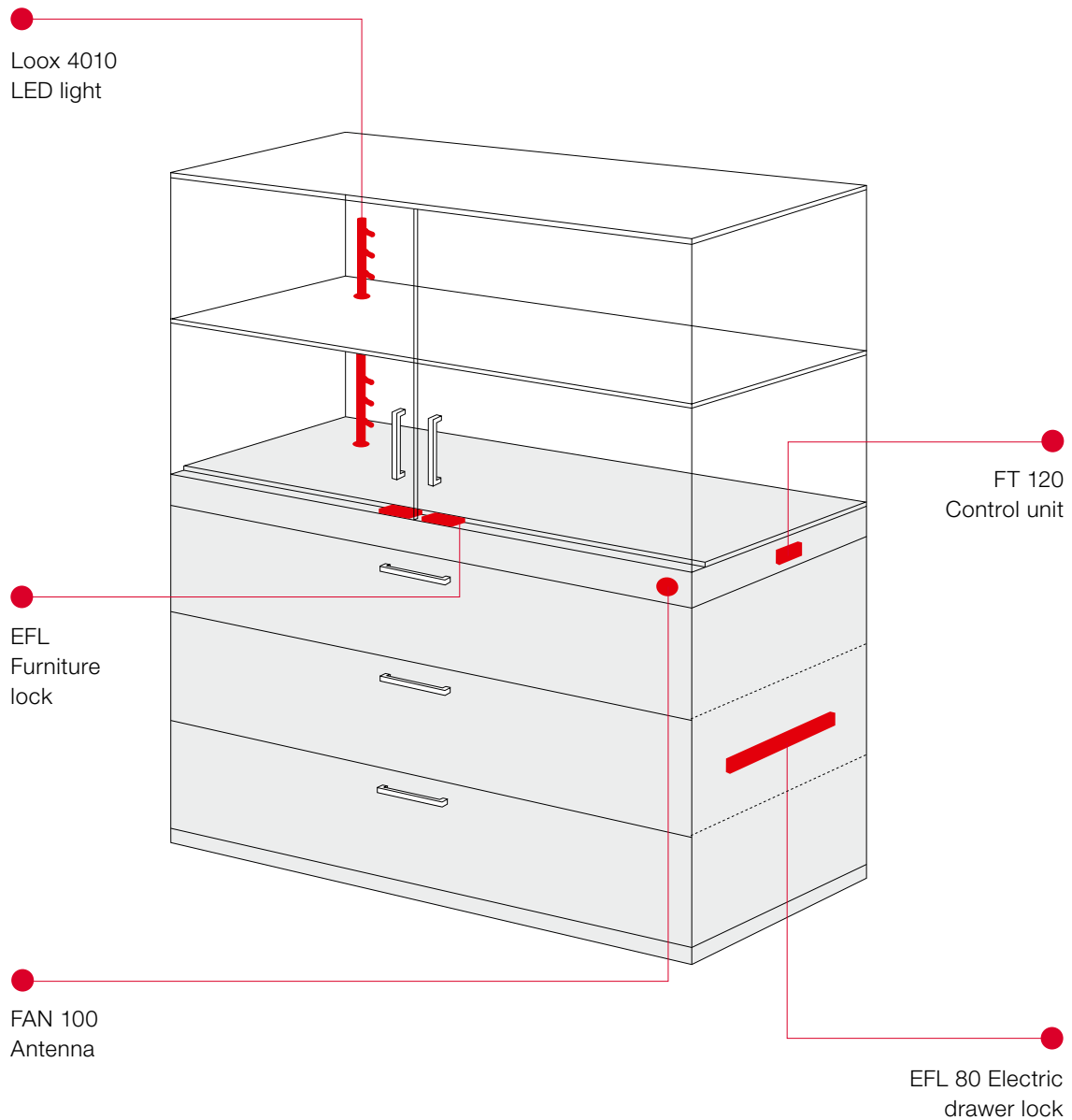


- > Converter and multi driver box
- > **Cat. No. 833.89.061**

# INSTALLATION SITUATION.

## Customised display cabinet equipped with Diallock and Loox.

Give your customers a positive impression of your products with attractive accent lighting from the Loox product range. With the knowledge that the cabinet is securely locked thanks to Diallock. You can see where the components are located in the furniture in the following overview (see pages 3 and 5 for all Diallock and Loox products).



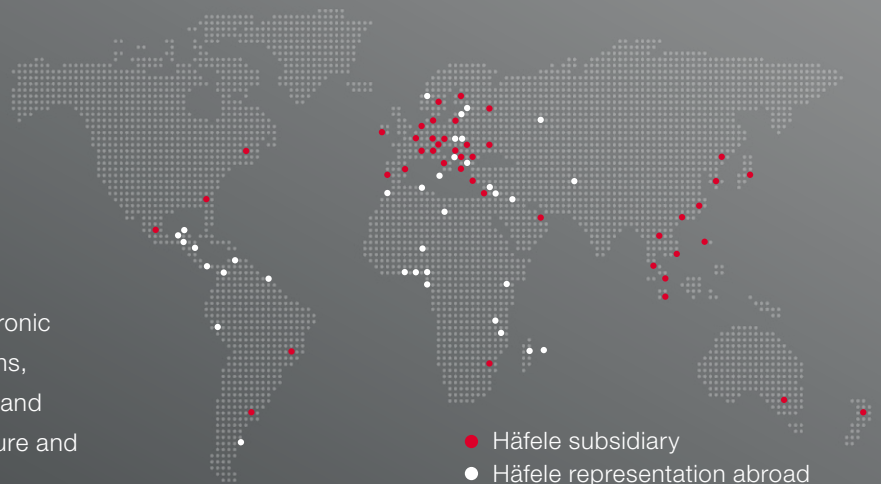
WE WOULD BE PLEASED TO PROVIDE YOU WITH DETAILED ADVICE.

ALWAYS AT  
YOUR SIDE.



## DATA AND FACTS.

Founded:	1923
2012 revenue:	1.035 bill. €
Employees in 2012:	approx. 6,150
Core expertise:	Mechanical and electronic access control systems, hardware technology and functionality for furniture and buildings.



● Häfele subsidiary  
● Häfele representation abroad

**HÄFELE**

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