LB Management
The installation is designed for tradespeople. For example, the small installation depth of only 24 mm (DALI insert 29 mm) creates more space for the wiring. A stable supporting plate in steel, the enclosed mounting claws and increased claw pull-out forces provide a firm hold and optimum alignment in the flush-wall box. In addition, satellites can be connected. Test operation at the site is also possible without a cover. The integrated test button, with which different operating modes can be set, shortens the installation time. The covers are simply pushed on with the help of stable retaining springs in stainless steel. During the installation, the integrated signalling by means of LED or display ensures that no unintended confusion occurs when allocating insert and cover.

Out of the JUNG light and blinds management has come the LB Management. With the combination of different inserts and covers, the modular system provides a solution for virtually every desired function for light and shading control. When retrofitting installations, individual components (always insert plus cover) can also be exchanged for new ones from the LB Management and the others can continue to be used.
### Overview of the advantages

<table>
<thead>
<tr>
<th>SIMPLE, FAST INSTALLATION</th>
<th>BACKWARDS COMPATIBILITY</th>
</tr>
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<tbody>
<tr>
<td>Modular system in which inserts and covers can be combined depending on the required function. Simple plug system at the cover onto the insert and plenty of room for wiring for fast installation.</td>
<td>From the existing light and blinds management installations, it is also possible to replace only individual modules with new ones from the LB Management, with “old and new” being used together.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TEST BUTTON/OPERATING MODE SWITCH</th>
<th>CLEVER CONFIG APP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At the site, test operation is possible using the test button without the cover. It is also used to set various operating modes. This optimises commissioning even more.</td>
<td>With this app, the Bluetooth devices for the LB Management are set and operated with a smartphone. Convenient control of functions, display of values and states, creation of time controls and configuration.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONTROLLING LIGHT AND SHADE</th>
<th>CONVENIENT OPERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light and shading control in one system and one design. Always easy to operate due to identical covers. From switching and dimming to blinds adjustment.</td>
<td>Manually with control buttons with clear symbols for identification of functions. By Bluetooth from a smartphone. Automatically using a timer switch, presence detector or automatic switch. Always intuitive.</td>
</tr>
</tbody>
</table>

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<tr>
<th>BLUETOOTH LOW ENERGY</th>
<th>INEXPENSIVE RETROFITTING</th>
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</thead>
<tbody>
<tr>
<td>With Bluetooth Low Energy, connecting and data transmission are particularly convenient. Therefore, this technology is used for LB Management – not just for configuration but also for operation. Independent of WLAN and networks.</td>
<td>With existing light or blinds management installations, the components can easily be replaced by a tradesperson or additional modules seamlessly added. Inexpensive, without great effort.</td>
</tr>
</tbody>
</table>

The modular principle of the LB Management offers clear advantages not only for tradespeople but also for owners and modernisers.

Characteristics are the simple installation and commissioning, the possibility for retrofitting of existing installations and convenient operation.
In use: Single family

In private building, the LB Management provides more convenience and energy efficiency with control of light and shading according to need. Daily routines are made easier with automatic functions. Individual settings and variable operating possibilities improve living quality.

1. “Hands-free lighting” with automatic switches: practical and energy-saving
2. Alarm function: blinking light for motion detection
3. Automatic light in the guest bathroom: no searching for the light switch
4. Lighting control with satellite unit: extension by operating element
5. Lock-out prevention: deactivation of the automatic shutter control at the press of a button
6. Shading complete areas: shutter control in groups by room, floor or house
7. Astro function: shade a living room with a timer and based on sun position

The description of these scenarios, with circuit diagrams and parts list can be found in the LB Management workbook.
In use: Office building

In commercial construction such as office buildings, with the LB Management, the working conditions are optimised in a simple manner. Automatic functions provide more security and convenience here. With constant light regulation, the energy efficiency is increased in addition.

1. Daylight-linked lighting control in the entrance area: safe and economical
2. Automatic stairwell light: automatic switches provide safety, also for retrofitting
3. In the meeting room: always the right light with light and shading control matched to your needs
4. Constant light function in the office: optimum illumination with a combination of presence detectors and DALI push-button controls
5. Semi-automatic lighting with energy-saving function through appropriate delay times: ideal for small kitchens or server rooms

The description of these scenarios, with circuit diagrams and parts list can be found in the LB Management workbook.
The controls

**STANDARD CENTRE PLATE**
The Standard centre plate is an attachment for all LB Management inserts. Operation of light and shade is manual. The button can be actuated at the top, bottom and also full surface. The centre plate is available with or without symbols.

**UNIVERSAL CENTRE PLATE**
The Universal centre plate with memory and locking function is suitable for almost all LB Management inserts. A coloured LED is assigned to each rocker half and is used for the function and status display. Operation is performed manually or automatically. The cover for the automatic shading control is available with appropriate arrow symbols.

**STANDARD TIMER WITH DISPLAY**
The Standard timer is a 1-channel timer for all inserts. The high-quality, real-glass surface has an illuminated display and six sensor buttons for operation. The current time can be saved as the switching time using fast programming. The locking function deactivates automatic functions, satellites and timer programmes. Thanks to the astro function, switching times are adapted to the position of the sun.

**UNIVERSAL TIMER BLUETOOTH**
The Universal timer Bluetooth is an attachment for all inserts for light and shading control. Operation can be manual with the two rockers or with a smartphone using the Clever Config app. Colour LEDs for the display of functions and appropriate button printing optimise operation.

The inserts

**LIGHT INSERTS**
From simple switching to dimming energy-saving lamps or tunable white control, the light inserts offer all possibilities. Possible as a master unit just as much as a satellite unit.

- Relay switch insert 1-channel
- Electronic switch insert 1-channel
- Pulse insert
- Standard touch dimmer LED
- Universal touch dimmer LED
- Power DAU push-button controller TW
- 2-wire satellite unit
- 3-wire satellite unit

**BLIND INSERTS**
With both “Standard” and “Universal” blind inserts in combination with the LB Management covers, all the demands of modern shade control are covered.

- Standard blind insert
- Universal blind insert
The controls in the LB Management are all available in the multifaceted JUNG design. As a result, they convince not only with their intuitive operating philosophy, but also with respect to form, colour and material.
“Standard” and “Universal” centre plates, depending on the combined insert, light or shading is controlled manually with the press of a button. The universal design has additional convenience functions. For example, the upper right button (lock symbol) can activate the locking function for all automatic functions and the memory function. Alongside two switching times, a ventilation position for the shutter can also be stored. Thanks to appropriate symbols, operation is self-explanatory.
Real glass front in black or white with six sensor buttons for intuitive operation – these are the striking characteristics of the Standard timer with illuminated display. In this way, the automatic control of light and shading becomes particularly convenient.
SWITCHING TIMES
The Standard timer has two week blocks: from Monday – Friday and from Saturday – Sunday. For both, time switching for light (4 times) or shade (2 times) can be programmed.

ASTRO FUNCTION
The astro function controls light and shade depending on sunrise and sunset.

SUMMER/WINTER CLOCK CHANGE
The change from summer to winter time and back is automatic. In the process, switching times are changed accordingly.

LOCK-OUT PREVENTION
Protection against being locked out: if the locking function is activated, this is shown clearly on the display.

The display switches off automatically after two minutes or a continuous display of the current time is possible. The current time can be saved as the switching time using fast programming. The next blind movement time or switching time is shown on the display. The integrated Astro function, automatic summer/winter clock change and a locking function are also included.

Timer with added convenience
All values are displayed in a clearly readable form with the backlit display of the Standard timer.
The Universal timer Bluetooth impresses above all with its operating concept. The operation and parameterisation are carried out both mechanically with button presses and mobile with a smartphone with the Clever Config app. The combination with the brightness/temperature sensor allows automatic shade or light control based on sun position. With Bluetooth Low Energy, connecting and data transmission are particularly convenient and secure.
CREATING A CONNECTION
Connecting the app with the LB Management device uses Bluetooth Low Energy. After a successful scan, the devices found are displayed in a clear list. The respective device configurations can then be transferred to the app.

SIMPLE SET-UP
The connected devices can now be assigned to rooms and given a name, which simplifies allocation during operation. In the “Parameters” menu point, the device settings can then be individualised as desired or simply copied from devices already stored.

TIMER SETTING
Automatically running timer programmes: creating timer controls for the LB Management is as simple as the alarm on a smartphone. In this way, the respective device is switched on or off or switched to a different status, e.g., “Illumination dimmed 40%”.

OPERATION MADE EASY
With one finger tip, the lighting is switched on or off or the illumination is dimmed to the desired brightness. Blinds and shutters are moved out or in or into the desired position. Even the louvre angle can be simply set.

ACCORDING TO SUN POSITION
As well as programming by time, the sequences can also be set with the astro function dependent on the sun position. In the course of the year, the times for the blinds/shutters moving out and in, and the switching on and off of the light, adapt to the changing sunrise and sunset times.

MORE SECURITY
Device configuration and device pairing can be locked with a password and thus protected from unwanted access. The pairing mode can also be protected so that the device cannot be operated with the app by other people.

The Clever Config app
More information on the settings for the Clever Config app can be found in the LB Management workbook.
Simply illuminating

Light according to your mood, light on demand – with the components of the LB Management you get more convenience and energy efficiency for your illumination control. Very easy with automatic switches, presence detectors and dimmers.
Automatic Light

The automatic switches 1.10 m and 2.20 m for illumination control based on movement.

The automatic switches

The 180° detection range of the automatic switches is monitored by two PIR sensors that can be used individually or together. In the function as movement detector, they are ideal to use in corridors and passages. The 2.20 m version can be used very well in offices or recreation rooms. The settings in the universal designs are conveniently made using the Clever Config app.

Settings using Clever Config app
Each of the three PIR sensors is allocated an individually activated area of 120° detection angle. By grouping up to five devices, the detection area can be extended. In its role as a presence detector, the compact device automatically provides, for example, energy-saving lighting of the work area in an office. In corridors and hallways on the other hand, the motion detector demonstrates its strengths. The device has a 360° detection area with a radius of 20 metres – assuming an installation height of three metres. The device has a presence, night light, alarm and hotel function as well as constant light control.

You can rely on the detection characteristics of the motion/presence detector. When installed at heights of up to six metres, the unit registers everything that is moving within a diameter of approx. 20 m. For this, the device has three PIR sensors operating independently of each other. All settings are made conveniently using the Clever Config app.
For future-proof lighting control, with the LB Management various options are available, including integrating with a DALI light system. The different shapes can be selected according to the features of the room.

**Dimming expertise**

**ROTARY DIMMER/POWER DALI POTENTIOMETER**
The Standard and Universal rotary dimmers work according to the leading edge phase control or trailing edge phase control principle. Setting the device to the dimming principle that matches the respective consumer is done automatically or also manually for the universal design. A coloured LED indicates the selected operating mode. The Power DALI potentiometer insert operates lamps with DALI interface, including colour temperature control (tunable white).

**MINI UNIVERSAL DIMMER LED**
The compact dimmer is suitable for installation in standard flush-mounting boxes. The operation of all common lamps is then carried out via a 2-wire satellite unit, rotary satellite unit or a button with make contact. The dimmer mini also uses the leading edge phase control or trailing edge phase control principle.

**UNIVERSAL DIMMER FOR RAIL MOUNTING LED/POWER AMPLIFIER**
The dimmer version for the distribution also works according to the leading edge phase control or trailing edge phase control principle. The dimmer for rail mounting is operated via a 2-wire or 3-wire satellite unit or with a button with make contact. The power amplifier LED is used as a capacity expansion for spreading larger loads for the LB Management dimmers.
The handbook for the electrical installer: With the LB Management workbook, the professional has all the information on the modular system in the hand. From the individual building blocks to functions and application examples to concrete wiring diagrams – all the valuable information in an overview.
## Overview reference numbers

### Light Management

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1201 URE</td>
<td>Relay switch insert 1-channel</td>
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<tr>
<td>201 TE</td>
<td>Timer switch insert</td>
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<tr>
<td>1201-1 URE</td>
<td>Relay switch insert with floating contact</td>
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<tr>
<td>1202 URE</td>
<td>Relay switch insert 2-channel</td>
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<tr>
<td>1254 TSE</td>
<td>TRONIC switch insert</td>
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<td>1244 NVSE</td>
<td>LV triac switch insert</td>
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<td>1224 LEDUDE</td>
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<td>1225 SDE</td>
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<td>1252 UDE</td>
<td>Universal 2-gang dimmer insert</td>
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<td>1240 STE</td>
<td>Push-button controller</td>
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<td>1220 NE</td>
<td>Satellite insert “2-wire”</td>
</tr>
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<td>1223 NE</td>
<td>Satellite insert “3-wire”</td>
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<td>1208 UI</td>
<td>Pulse unit</td>
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<td>Standard touch dimmer insert LED</td>
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<tr>
<td>1711 DE</td>
<td>Universal touch dimmer insert LED</td>
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</tbody>
</table>

### LB Management

- **225 TDE**: TRONIC rotary dimmer
- **225 NVDE**: Rotary dimmer insert
- **266 GDE**: Rotary dimmer insert
- **254 UDIE1**: Universal rotary dimmer insert
- **254 NIE1**: Satellite rotary dimmer insert
- **UD 1255 REG**: Universal dimmer for rail mounting
- **ULZ 1215 REG**: Universal amplifier for rail mounting
- **230 ME**: Motor control insert
- **232 ME**: Motor control insert
- **32 SD**: Sunlight/dawn sensor
- **1792 HT BT**: Brightness/temperature sensor with Bluetooth

### Blinds Management

- **230 ME**: Motor control insert
- **232 ME**: Motor control insert
- **32 SD**: Sunlight/dawn sensor
- **1792 HT BT**: Brightness/temperature sensor with Bluetooth

### LB Management

- **1730 DD**: Standard rotary dimmer LED
- **1731 DD**: Universal rotary dimmer LED
- **1733 DNE**: Rotary satellite insert 3-wire
- **UD 1755 REG**: Universal dimmer LED
- **ULZ 1755 REG**: Amplifier LED
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<td>A 1700 P..</td>
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Blinds Management

LS range
- _S232_
  - Centre plate standard
- _S232 MS_
  - Centre plate with memory function
- _S232 S_
  - Centre plate with sensor connection
- _S232 TS_
  - Centre plate with timer function
- _S232 TSU_
  - Centre plate with timer function
  - universal
- _S232 ST_
  - Centre plate with timer function
  - standard

AS range
- A 1561.07_
  - Standard centre plate
- A 1561.07U_
  - Universal centre plate
- A 1561.07U BF_
  - Universal centre plate

A range
- A 1561.07_
  - Standard centre plate
- A 1700_
  - Standard centre plate
- A 1701_
  - Universal centre plate
- A 1750 D_
  - Standard timer with display
- A 1751 PBT_
  - Universal timer Bluetooth

Light Management

CD range
- CD 5201 DTST_
  - Standard timer switch
- CD 5201 DTU_
  - Universal timer switch
- CD 1561.07_
  - Standard centre plate
- CD 1561.07U_
  - Universal centre plate
- CD 1561.07U BF_
  - Universal centre plate
- CD 1700_
  - Standard centre plate
- CD 1701_
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- CD 1750 D_
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LS range
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- _5232 TSU_
  - Centre plate with timer function
  - universal and sensor connection
- _5232 ST_
  - Centre plate with timer function
  - standard

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  - Centre plate with timer function
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- CD 5232 TS3_
  - Centre plate with timer function
  - universal and sensor connection
- CD 5232 S_
  - Centre plate with sensor connection

LB Management

Standard centre plate
Standard centre plate
Universal centre plate
Universal centre plate
Universal centre plate
Universal centre plate
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