

Tomorrow's aspirations.



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LEAN- and SMARTtouch

Harmony of function
and design.

ABB



Once you have discovered the advantages of modern bus systems for your house, you will never want to do without this luxury again. The networked installation system regulates and controls lighting, blinds, screens, room heating, the intercom system and media units, and visualises measured values such as the temperature, brightness and wind velocities in old and new buildings. The LEAN- and SMARTtouch developed by Busch-Jaeger has a clearly laid out touchscreen (available in monochrome or colour) that allows you to check and control all of these functions from a central location. With them you can visualise and operate the ABB i-bus® EIB/KNX system in the smallest of spaces.



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Harmony of function and design.

The new Busch-Jaeger LEAN- and SMARTtouch is not only easy on the eye but it also offers numerous functions for switching and controlling your EIB system. At the same time, this versatile display and console panel can be easily and intuitively used.



Black glass with chrome flap

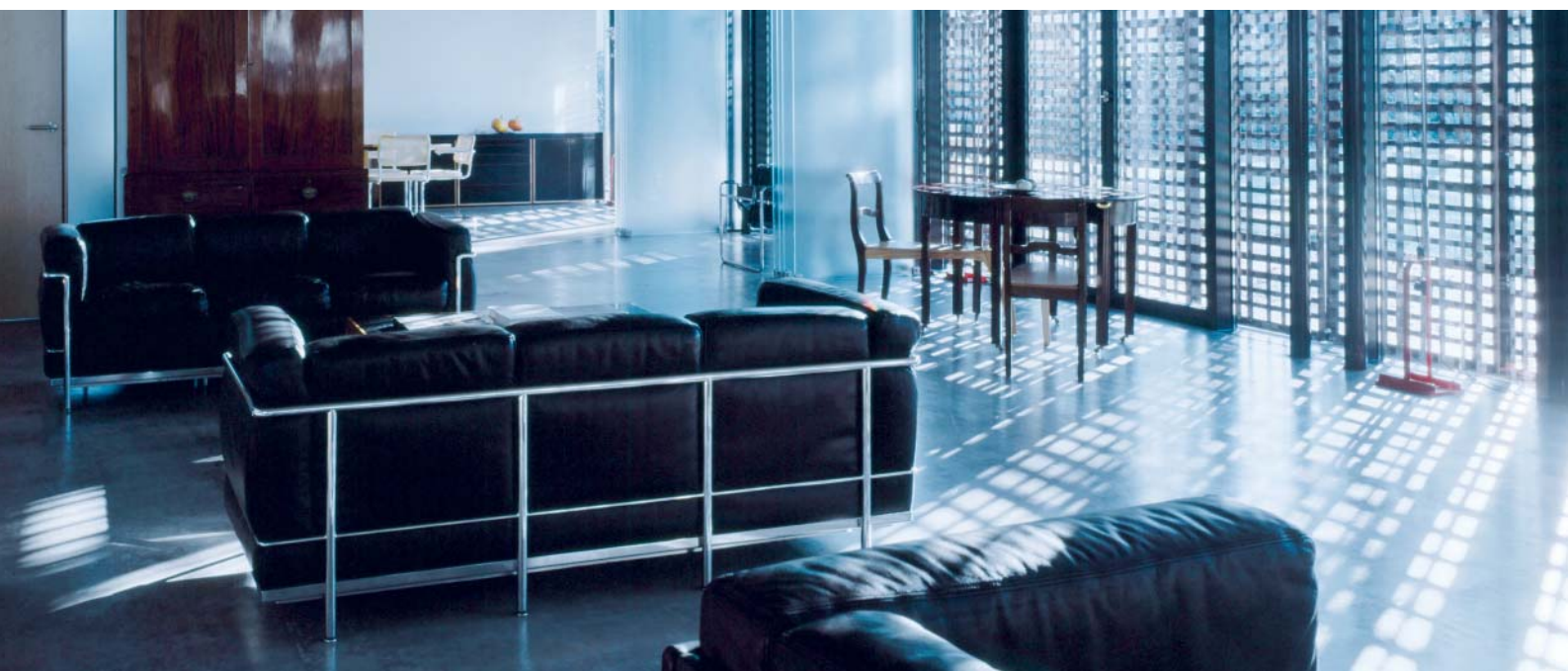
The basis of the LEAN- and SMARTtouch is a fully graphical LCD screen with integrated backlighting. It is used to display and operate up to 210 switching and control functions in different screens. The functional assignment of the individual touchscreens can be configured according to your wishes. All functions are activated by touching the display. Starting from the

homepage, the labelled touchscreen of the menu structure is activated via the enclosed PDA pin. Thanks to the clearly laid out menu structure you can keep an eye on everything at all times. The functions in the house can be controlled directly room for room and/or via the function groups.

In harmony, the carat® switch.



carat® black glass



The flap slides automatically downwards upon being lightly pressed.



Located behind the flap are the functional components such as the PDA pin for operating the touch-screen.PDA-S



The program, which is individually created for you, is saved in a standard multimedia/SD card.

The multifunctional LEAN- and SMARTtouch.

Save yourself long walks and unnecessary expenditure. With the LEAN- and SMARTtouch you can check and as necessary control all the functions in your house from one location.

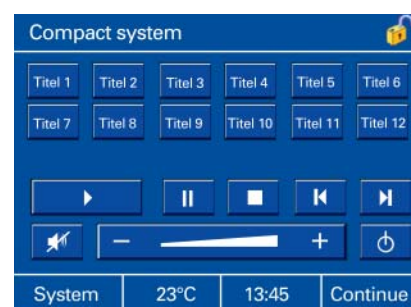


White glass with aluminium flap

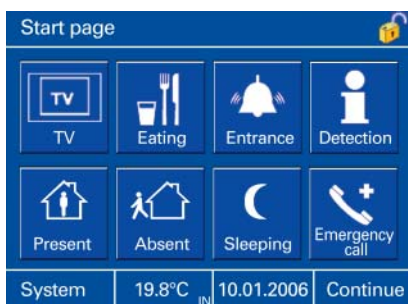
At the LEAN-and SMARTtouch homepage you will find up to 10 touchscreens, which, for example, reflect the room structure of your house. You can at any time read the room temperature and time in the footer of the control panels, and have in addition direct access to the integrated individual room thermostats and the time programs. If you touch a touch button in the homepage using the PDA pin you are immediately guided to an overview of the individual room functions or the function groups. The current

status of, for example, the switch functions or measured values is textually displayed in the display. With an additional touch on the respective individual function a control window can open via which, for example, the brightness level of the ceiling light can be changed. Via the "Main page" button in the footer you are guided back to the homepage from any control page. In addition, the LEAN-and SMARTtouch has a "child lock" via which all operation can be locked. The relevant locking symbol is displayed in the header.

New: Audio and video units can now also be activated and included in scenes via the LEAN-and SMARTtouch. Here, it is not relevant whether the link is made via the ABB i-bus® EIB/KNX System which the available electricity line uses for data transmission. An additional unit, e.g. the media box*, is required to link the system to a media control system.



* Media box can be purchased from: Detlef Coldewey GmbH, Burgstrasse 6, 26655 Westerstede



With one touch of the PDA pin you are guided from the homepage to the functional overview of, for example, the living room.



The respective control states of the room are shown in the display either as text or as symbols.



An additional touch, e.g. on the ceiling light function, opens a control screen via which the control state can be changed.

Functionality for more comfort in everyday life.

You wish to comfortably control the blinds or room temperature in your house, or be informed about system faults or woken up on time? The LEAN- and SMARTtouch automatically controls all of this for you and also offers many more additional options.



Black glass with chrome flap

With the LEAN- and SMARTtouch, all electrical devices, which are integrated into your EIB system, are centrally controlled. In addition, an infrared handheld control facilitates remote control. In this way, up to 10 individually defined consumers can be controlled. Via the "System" button of the homepage the date, time or also the signal tones can be set. The acoustic signals can be heard during alarm or alarm-response mes-

sages or with the alarm clock function. The device serves as an individual room thermostat for a room but can also control the respective controllers of all rooms in the house, for example, for the central reduction of nightly room temperature or for changing the desired temperature. Different switch functions such as blind control or calling-up the lighting atmospheres can be controlled by hand or automatically via the time programs. The

integrated presence simulation, which saves the control states of a week and calls them up automatically if you are absent (plausible presence simulation), ensures more safety. In addition, the LEAN- and SMARTtouch can be used as a control unit. The timer, alarm clock and information function as well as the alarm and alarm-

response messages complement the multifunctional checking and control options of the device.

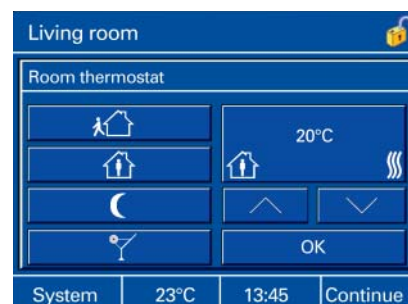




Via the "Extras" menu of the footer you are guided to additional functions such as those of the information page where you can write a note using the PDA pin.



Via light atmospheres, all lights in the room can be automatically set to different brightness levels, for example, for reading and watching television.



The panel can among other things be used as a room thermostat. The integrated remote sensor automatically ensures a cosy room temperature.

The interface to Bang & Olufsen.

With the modern and stylish Bang & Olufsen Beo4* remote control you not only can control your home entertainment functions but also your house technology.



Black glass with aluminium flap

Developed to meet the highest demands in user comfort: the LEAN- and SMART-touch with integrated IR receiver for the Beo4* remote control of Bang & Olufsen. The functional range has been significantly expanded. In addition to the known option, i.e. that all Hi-fi components of Bang & Olufsen can be controlled with one remote control, you can now also operate the

lighting, blinds and many other EIB functions via the remote control. You are only two clicks away from such desired light atmospheres as "Reading", "Television" or "Visitor" with the Beo4* remote control of Bang & Olufsen. The Control-panel receives the IR signals of the remote control and carries out the desired functions in your EIB system.



Since 1925 the legendary Bang & Olufsen brand has stood for harmonising four things: quality, which exceeds the expectations of customers, where image and sound are concerned. Craftsmanship that from an aesthetic and technological point

of view creates long-lasting products. Application comfort true to the guiding principle that technology must serve people – and not the other way around. All of this in one design that combines shape and function in an original way.

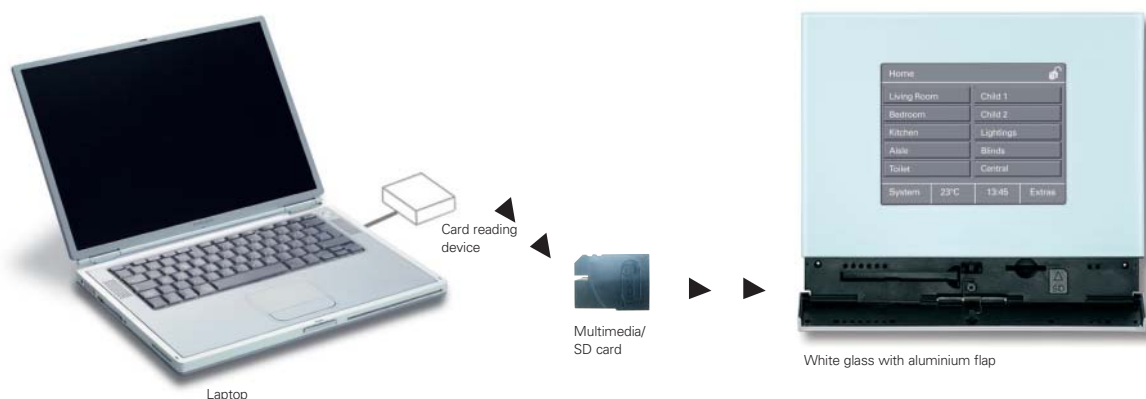
BANG & OLUFSEN 

Commissioning.

Commissioning or programming the panel can be carried out by the installer in one of two ways.

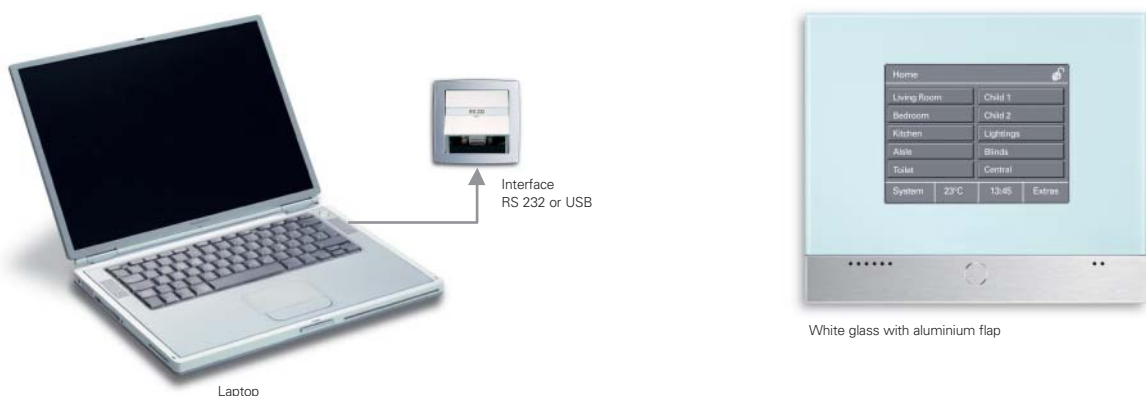
a) Commissioning via a standard multimedia/SD card

For rapid and uncomplicated operation, the use of a multimedia/SD card with appropriate card reader is recommended. The card with the project is inserted into the slot receptacle behind the chromed panel flap. The desired project is selected via the panel display and automatically assigned.



b) Classic programming via the EIB bus in connection with the PC and EIB interface (RS 232 or USB)

Note: Programming via the bus is only recommended for small changes or expansions.



Difference between the versions

Function/feature	LEANtouch	SMARTtouch
Colouring	Shades of grey	Colour or shades of grey
Resolution	320x240 pixel	320x240 pixel
Number of control functions	80	210
Number of switching times	25	200
Alarm/alarm-response messages	10	10
Presence simulation	Yes	Yes
Infrared remote control channels	16	16
Number of light scenes	32 Light scenes with 10 objects	32 Light scenes with 20 objects
Integrated room thermostat	Yes	Yes
Information function	No	Yes
Timer function	No	Yes
Alarm clock	No	Yes
Alarm centre	No	Yes

A member of
the ABB group

Your EIB-partner