

VELUX®

VELUX INTEGRA® KLI 310/311/312



ENGLISH: Instructions for wall switch

ESPAÑOL: Instrucciones para el teclado de control

FRANÇAIS : Instructions pour le bloc numérique

日本語: リモコンKLI 110の取扱説明書



VAS 454332-2018-XX

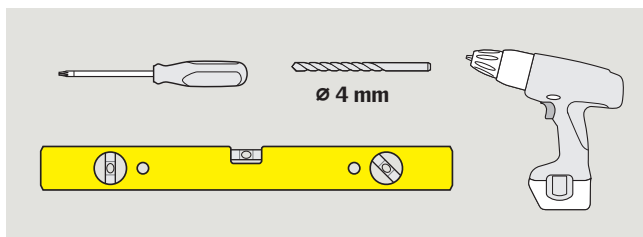
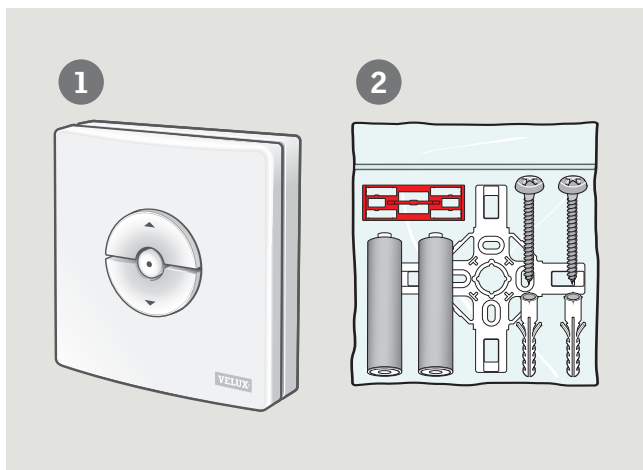
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Contents of packaging

- ① : Wall switch
- ② : Two batteries (type AAA, 1.5 V), screws, wall anchors, wall bracket and spacer bar



IMPORTANT INFORMATION

WARNING – TO REDUCE THE RISK OF SEVERE INJURY OR DEATH:

Read instructions carefully before installing and operating. Please keep instructions for future reference and hand them over to any new user.

Safety

- The control keypad is intended for use by persons with the relative experience and knowledge or persons who have been given instruction concerning its use by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the control keypad. It should be fitted out of reach of children at a minimum height of 4 feet (1.2 m).
- The control keypad must not be put into operation until it has been fitted according to these instructions.
- Before operating, ensure that the control keypad can be operated without risk of damage to property or injury to people or animals.
- The control keypad should be fixed at a position where the product to be operated is within sight.
- The control keypad has been designed for use with genuine VELUX INTEGRA® products.
- The control keypad is a Class 2 Low Voltage product (3 V d.c.).
- The control keypad complies with part 15 of the FCC and RSS-210 of the IC rules. Operation is subject to the following two conditions: (1) The control keypad may not cause harmful interference, and (2) the control keypad must accept any interference received, including interference that may cause undesired operation.

- The control keypad has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The control keypad generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the control keypad does cause harmful interference to radio or television reception, which can be determined by turning the control keypad off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the control keypad and receiver.
 - Connect the control keypad into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
 Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the control keypad.
- FCC Radiation Exposure Statement: The control keypad complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.
- The term "IC:" before the control keypad certification number only signifies that the Industry Canada technical specifications were met.

Installation

- The control keypad is for indoor use only.
- Installation in rooms with a high level of humidity and with hidden wiring must comply with relevant regulations (contact a qualified electrician if necessary).
- Before fixing the control keypad to the wall, verify that it can operate the product in question from the proposed position.

Product

- The control keypad has a built-in RF (radio frequency) unit and will not be operative if placed in a metal cabinet.
- Electrical products must be disposed of in conformity with all local codes, ordinances, rules and regulations for electronic waste and not with household waste.
- Used batteries must not be disposed of together with household waste but have to be disposed of in conformity with the relevant national environmental regulations. Batteries contain substances that can be harmful if not handled and recycled correctly.
 -  Use local authority battery disposal point where available.
- The packaging can be disposed of with usual household waste.
- Radio frequency band: 2.4 GHz.
- Radio frequency range: 110 yards (100 m) free field. Depending on building construction, the indoor range is approx 30 ft (10 m). However, constructions with reinforced concrete, metal ceilings and plaster walls with steel members may reduce the range.

Maintenance and service

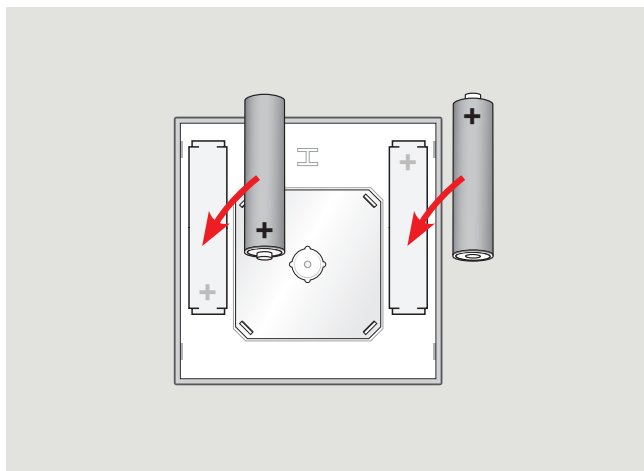
- The control keypad requires a minimal amount of maintenance. The surface may be cleaned with a soft, damp cloth using a small amount of household cleaner diluted in water.
- If you have any technical questions, please contact your VELUX sales company, see telephone list or www.velux.com.



io-homecontrol® provides advanced and secure radio technology that is easy to install. io-homecontrol® labelled products communicate with each other, improving comfort, security and energy savings.

www.io-homecontrol.com

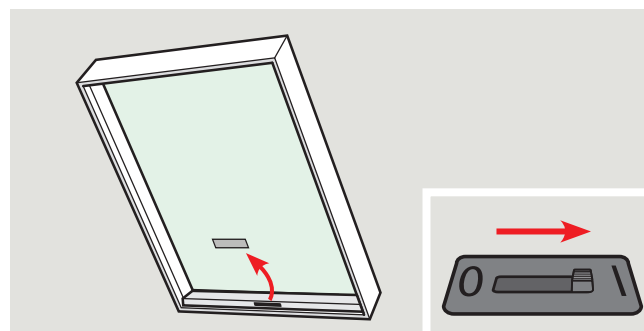
QUICK START



Batteries

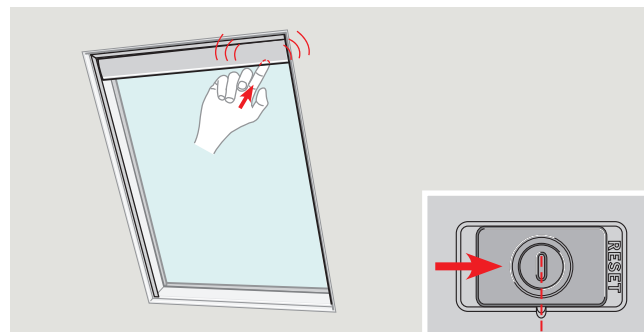
Insert batteries as shown.

QUICK START



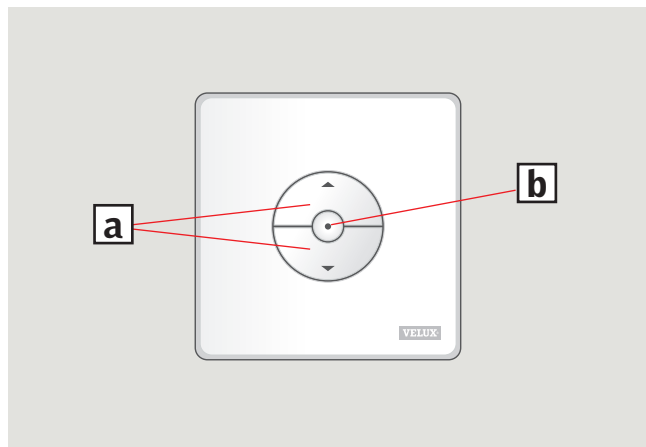
Power on products

Power on the electrical skylights at the mains and the solar skylights at their power switch.



Power on solar blinds at their sliding switch.

QUICK START



Operation

A KLI provided together with a VELUX INTEGRA product is pre-registered with this product and needs **no additional set-up** to operate the product.

See "Advanced set-up" for set-up of KLI purchased separately.

Keys for operating the product **a**

🔍 OPEN/UP or 🔍 CLOSE/DOWN

Short key pressure: Product will travel to maximum top or bottom position.

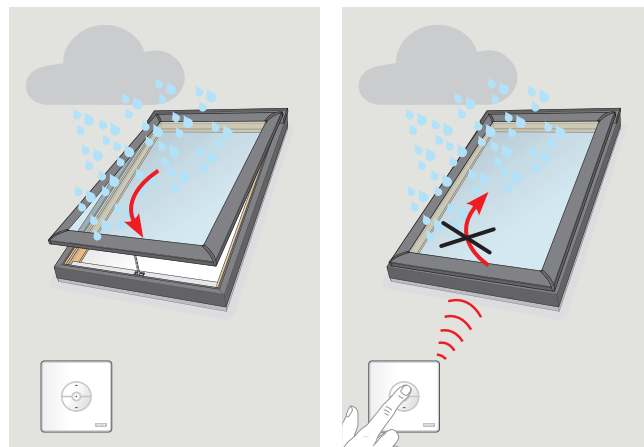
Long key pressure: Product will travel only until the key is released.

Note: If several electrical products are connected to a control unit KLC 500, only one of the products (random) can be operated in this way.

Stop key **b**

🔍 Product stops.

QUICK START

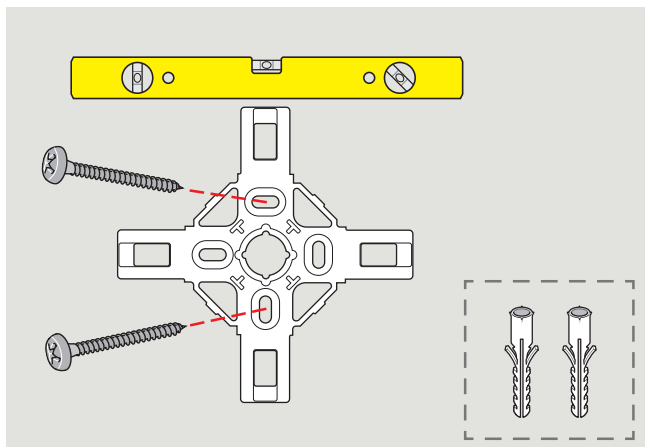


Rain sensor

VELUX INTEGRA skylights come with a rain sensor.

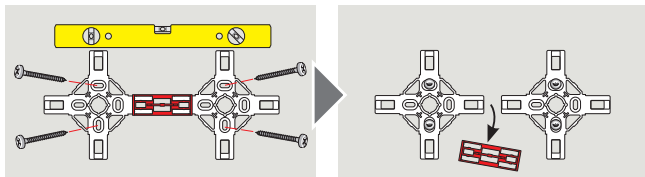
If the rain sensor is activated, the skylight will close automatically within approximately 30 seconds and the rain sensor will not allow the skylight to open as long it is activated.

QUICK START



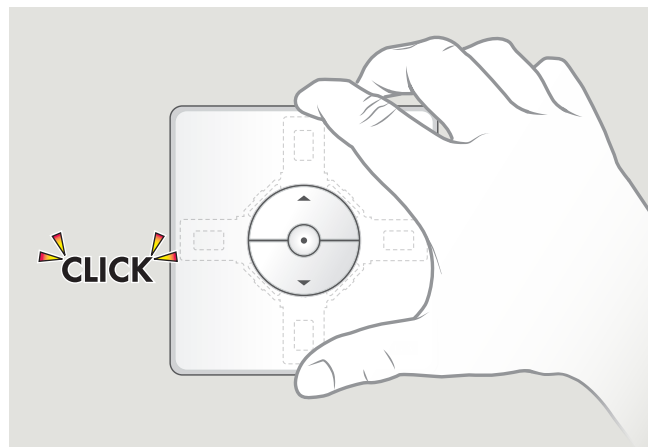
Do not fix the wall switch until it has been verified that the products can be operated from the proposed position.

Fix wall bracket to wall with screws as shown.



For installation of more wall switches in a group, temporarily use the red spacer bar as shown.

QUICK START



Attach the wall switch to the bracket as shown.

If needed, detach the wall switch as shown

KLI models and set-up



KLI 310 universal for all INTEGRA products.



KLI 311 provided with every VELUX INTEGRA® skylight.



The icon indicates which products it can operate.

Note: KLI 311 for skylights cannot be Set-up with blinds.



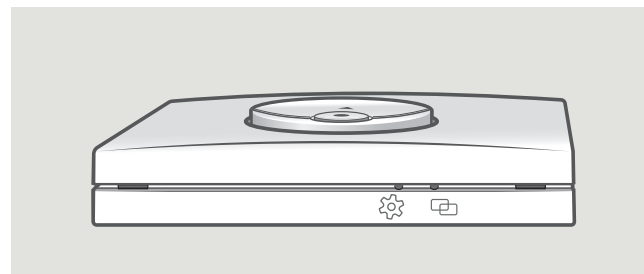
KLI 312 provided with every VELUX INTEGRA® blind.



The icon indicates which products it can operate.

Note: KLI 312 for blinds cannot be Set-up with skylights.

The KLI provided with an INTEGRA product is pre-registered and needs no additional set-up to operate the product.



The KLI has two buttons used for advanced set-up:

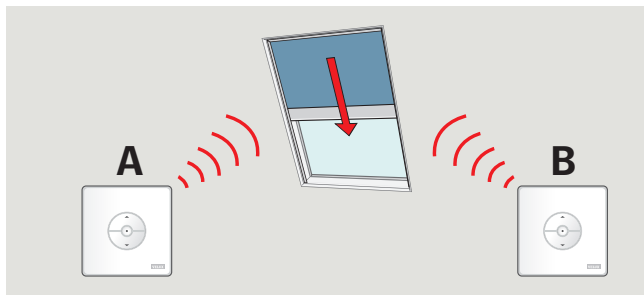
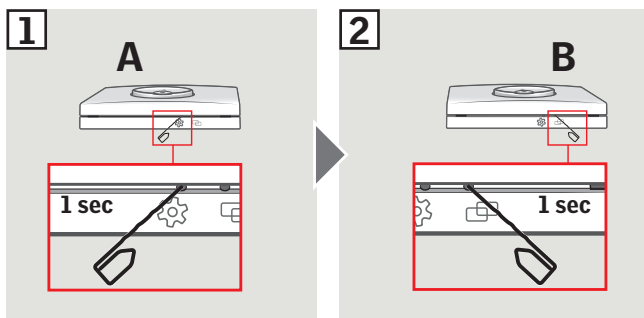
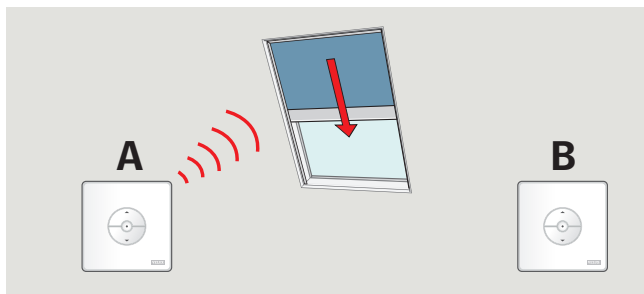


The wheel button "Open for registration".



The rectangle button "Registrer".

To push the buttons, use a pointed tool.



Set-up of a new KLI in addition to an existing KLI

Important: The new KLI must be universal KLI 310 or same model as the existing KLI.

A: Existing KLI

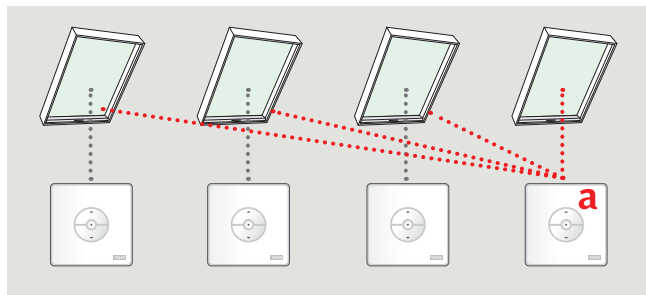
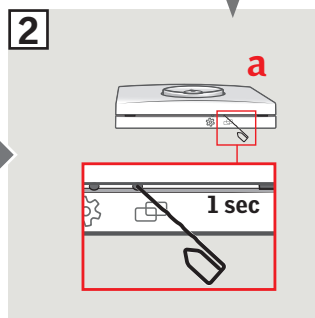
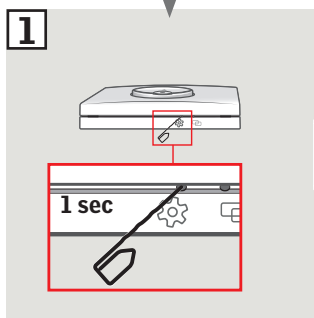
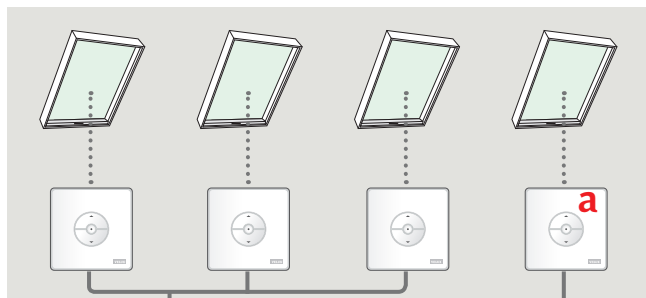
B: New KLI

1 Prepare the product for registration by pressing the Wheel buttons for 1 second.

The product will start running briefly back and forth.

2 Press Rectangle button on the new KLI wall switch for 1 second.

The product is now controlled by both KLI wall switches.



Set-up of products for group control by one master KLI 110 (a)

Important: All KLI must be the same model or the universal KLI 310.

- 1 Prepare each of the selected products for registration by pressing each of their KLI Wheel buttons for 1 second.
The products will start running briefly back and forth.
- 2 Press Rectangle button on the master wall switch KLI for 1 second.

All products are now controlled simultaneously by the master wall switch (a).

Repeat the procedure for products failing set-up and for adding additional products.

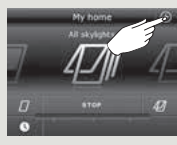


KLI 310/311/312

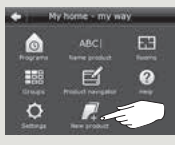


KLR 200

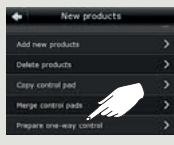
1 KLR 200



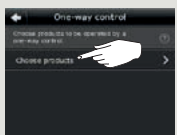
2 KLR 200



3 KLR 200



4 KLR 200



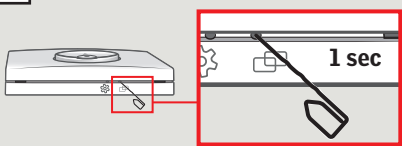
5 KLR 200



6 KLR 200



7 KLI 310/311/312



8 KLR 200



Set-up of KLI 310/311/312 to operate products already registered in control pad KLR 200

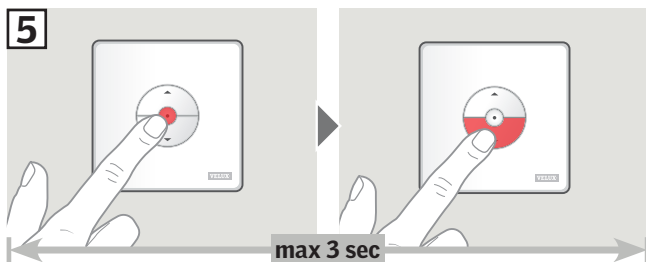
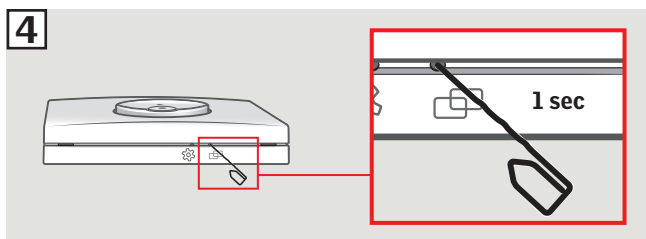
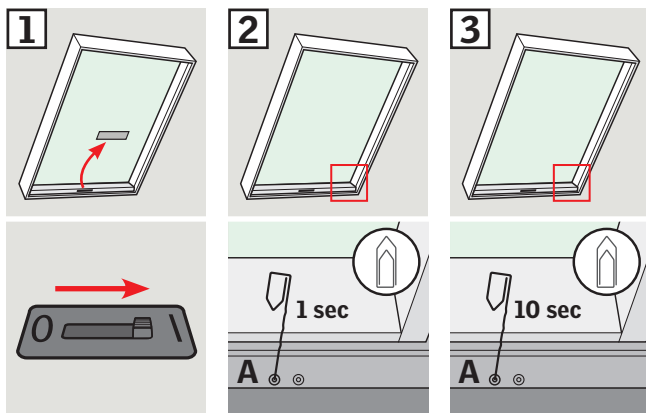
Important: The KLI must be the universal KLI 310 or the model matching the product.

- 1 Tap ⊕.
- 2 Tap "New product".
- 3 Tap "Prepare one-way control".
- 4 Tap "Choose products".
- 5 Scroll down the display and choose product type ①.
- 6 Scroll down the display and tap the product to be added ①.
Note: The individual products can be identified by tapping the icon. Tap ⇨ ②.

You now have 10 minutes to execute step 7 with the KLI wall switch.

- 7 Press Rectangle button on the KLI wall switch for 1 second to register the product.
- 8 Tap ⊞ to finish.
Note: To add more products, tap "Choose more" and repeat steps 5-8.

The products can now be operated with KLI 310/311/312 as well.



Set-up of KLI 311/KLI 310 to operate VELUX INTEGRA skylights

Important: The KLI must be the universal KLI 310 or the model matching the product.

If a non-functional control must be replaced or if the control pad cannot find certain products, you can make the products ready for registration by manually resetting them to initial factory settings.

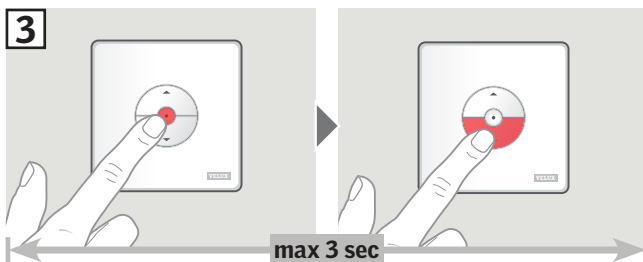
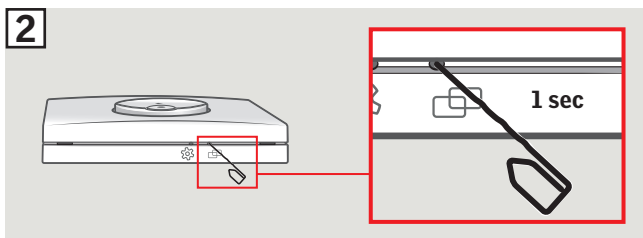
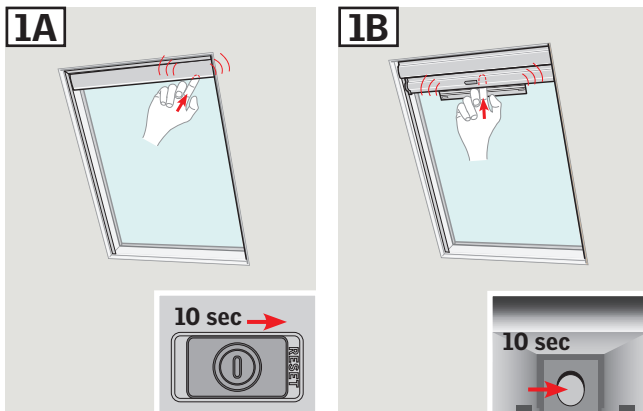
Note: Reset products cannot be operated until they have been registered in the wall switch again.

- 1 Make sure the skylight is powered on (VSS/VCS)
- 2 Close the sash by pressing the button closest to the center of the skylight (A).
- 3 When the skylight is closed, reset the skylight by pressing and holding the button closest to the center of the skylight (A) for at least 10 seconds. The skylight operator will run briefly back and forth indicating that it is ready to be registered.

Note: The skylight must now be registered in the wall switch within the next 10 minutes.

- 4 Press Rectangle button on the wall switch for 1 second.
- 5 Press the stop key and then the DOWN key within 3 seconds. This is only necessary at the initial set-up after installing the skylight.

The skylight can now be operated by the KLI 311/310.



Set-up of KLI 312/KLI 310 to operate VELUX INTEGRA blinds

Important: The KLI must be the universal KLI 310 or the model matching the product.

If a non-functional control must be replaced or if the control pad cannot find certain products, you can make the products ready for registration by manually resetting them to initial factory settings.

Note: Reset products cannot be operated until they have been registered in the wall switch again.

Reset the blind.

The solar-powered blinds can have two different designs:

1A Solar-powered blind with sliding switch on the right, bottom side of motor unit: Slide switch to the right and hold for 10 seconds.

The blind will run briefly back and forth indicating that it is ready to be registered.

1B Solar-powered blind with button behind door at the bottom of motor unit: Open solar battery door, press button behind the door for 10 seconds and close solar battery door.

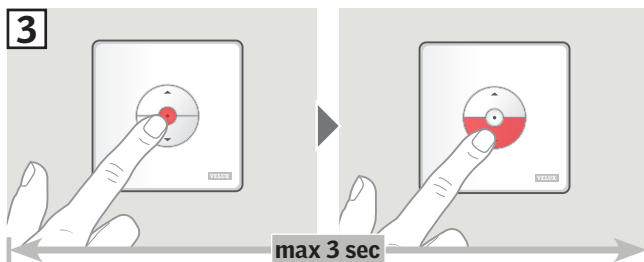
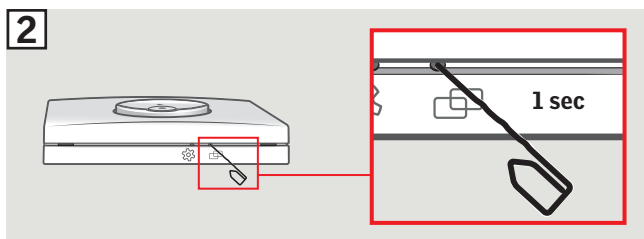
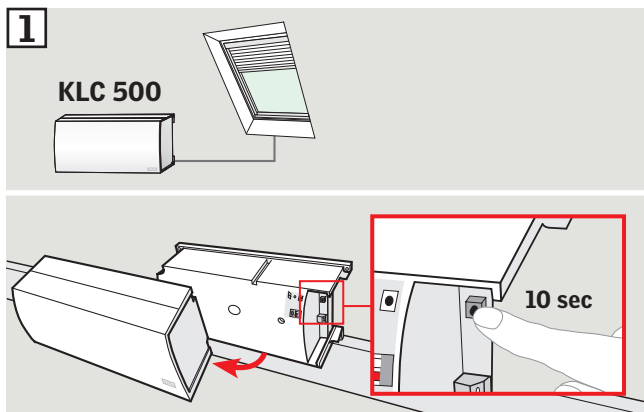
The blind will run briefly back and forth indicating that it is ready to be registered.

Note: The blind must now be registered in the wall switch within the next 10 minutes.

2 Press Rectangle button on the wall switch for 1 second.

3 Press the stop key and then the DOWN key within 3 seconds. This is only necessary at the initial set-up after installing the blind.

The blind can now be operated by the KLI 312/310.



Set-up of KLI 311/KLI 312/KLI 310 to operate products connected to control unit KLC 500

Important: The KLI must be the universal KLI 310 or the model matching the product(s).

If a non-functional control must be replaced or if the control pad cannot find certain products, you can make the products ready for registration by manually resetting them to initial factory settings.

Note: Reset products cannot be operated until they have been registered in the wall switch again.

- 1** The control unit can be reset by removing the cover and pressing the test button for at least 10 seconds.
The connected products will run briefly back and forth in random order to indicate that they are ready for registration.
- 2** Press Rectangle button on the wall switch for 1 second.
- 3** Press the stop key and then the DOWN key within 3 seconds. This is only necessary at the initial set-up after installing the product.

The products can now be operated by the KLI 311/312/310.

Deleting (resetting) products from wall switch KLI 310/311/312

Delete (reset) all products from a wall switch KLI by pressing tooth wheel button for 1 sec followed by pressing rectangle button for 1 sec.

Now the products cannot be operated by this KLI anymore.

