Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Now execute items 5-7 with (A).





Press to highlight "Copy system". Press I "Enter" to confirm your choice.

You now have two minutes to execute item 8 with (B).



Tap "Receive copy". Follow the instructions in the display and tap ⇒ when you are ready.



Tap "0K".



Tap \triangle to finish.





Press 📼 "Back" to finish.



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Adding a VELUX INTEGRA® control pad KLR 200 to your system already operated with a controller KRX 100

The instructions below show how to copy the contents from the controller KRX 100 already in use to control pad KLR 200. See also the instructions for the controller.

Note: Only available for VELUX INTEGRA[®] products with radio frequency 868 MHz.

Controller KRX 100 to **send** a copy is called control **(A)**. Control pad KLR 200 to **receive** a copy is called control **(B)**.



First execute items 1-4 with ^(B).



Remove the battery compartment lid by pressing the release button with a screwdriver as illustrated ①, ②. Insert batteries (type AA/LR6) ③. Replace lid.



In the display screen, roll the wheel in the directions of the arrows to choose language (1). Tap \Rightarrow (2).



Follow the instructions in the display and tap \Rightarrow when you are ready.



Do not **tap** "Receive copy" until item 8.



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Now execute items 5-7 with (A).





Press to highlight "Copy system". Press I "Enter" to confirm your choice.

You now have two minutes to execute item 8 with ^(B).



Tap "Receive copy". Follow the instructions in the display and tap ⇒ when you are ready.



Tap "OK".



Tap Δ to finish.



Press 📼 "Back" to finish.



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Adding a VELUX INTEGRA® control pad KLR 200 to your system already operated with a VELUX INTEGRA® remote control without display

The instructions below show how to copy the contents from the remote control without display already in use to control pad KLR 200. See also the instructions for the remote control.

Note: Only available for VELUX INTEGRA[®] products with radio frequency 868 MHz.

The remote control without display to ${\boldsymbol{\mathsf{send}}}$ a copy is called control (A).

Control pad KLR 200 to **receive** a copy is called control **B**.



First execute item 1 with (A).



Press the RESET button on the back with a pointed object for at least 10 seconds to prepare the products for copying.

You now have two minutes to execute items 2-7 with ^(B).



Remove the battery compartment lid by pressing the release button with a screwdriver as illustrated ①, ②. Insert batteries (type AA/LR6) ③. Replace lid.



In the display screen, roll the wheel in the directions of the arrows to choose language (1). Tap \Rightarrow (2).





VELUX®

Setting up

Extension of your VELUX INTEGRA® system - Adding a control



Follow the instructions in the display and tap => when you are ready.



The control pad shows that it has found the products. **Note:** Tap "Search again" if the control pad did not find all products and follow the instructions in the display. Go to the section *If the initial set-up fails* if the control pad still cannot find all products even if they are connected to power.



Тар "ОК".



Tap \triangle to finish.

Extension of your VELUX INTEGRA® system - Adding a control

Adding a VELUX INTEGRA® control pad KLR 200 to your system already operated with a control switch KLI 110

The instructions below show how to copy the contents from the control switch KLI 110 already in use to control pad KLR 200. See also the instructions for the control switch.

Control switch KLI 110 to **send** a copy is called control (A). Control pad KLR 200 to **receive** a copy is called control **B**. VELUX

First execute item 1 with (A).



Press the RESET button on the back for at least 10 seconds to prepare the products for copying.

You now have two minutes to execute items 2-7 with (B).



Remove the battery compartment lid by pressing the release button with a screwdriver as illustrated ①, ②. Insert batteries (type AA/LR6) 3. Replace lid.



In the display screen, roll the wheel in the directions of the arrows to choose language ①. Tap <> ②.







VELUX®

Setting up

Extension of your VELUX INTEGRA® system - Adding a control



Follow the instructions in the display and tap \Rightarrow when you are ready.



The control pad shows that it has found the products. **Note:** Tap "Search again" if the control pad did not find all products and follow the instructions in the display. Go to the section *If the initial set-up fails* if the control pad still cannot find all products even if they are connected to power.



Тар "ОК".



Tap \triangle to finish.

First execute item 1 with (A).

Min 10 sec

1

A

2

B

Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Adding a VELUX INTEGRA® control pad KLR 200 to your system already operated with an interface KLF 050 fitted into a wall switch/socket of another make

The instructions below show how to copy the contents from interface KLF 050 already in use to control pad KLR 200. See also the instructions for the interface.

Note: Only available for VELUX INTEGRA[®] products with radio frequency 868 MHz.

Interface KLF 050 to **send** a copy is called control (A). Control pad KLR 200 to **receive** a copy is called control (B).

> Press the SET button on the back with a pointed object for at least 10 seconds to prepare the products for copying.

You now have two minutes to execute items 2-7 with (B).

Remove the battery compartment lid by pressing the release button with a screwdriver as illustrated ①, ②. Insert batteries (type AA/LR6) ③. Replace lid.



3

Continue on the next page









В





VELUX®

Setting up

Extension of your VELUX INTEGRA® system - Adding a control



Follow the instructions in the display and tap \Rightarrow when you are ready.



The control pad shows that it has found the products. **Note:** Tap "Search again" if the control pad did not find all products and follow the instructions in the display. Go to the section *If the initial set-up fails* if the control pad still cannot find all products even if they are connected to power.



Тар "ОК".



Tap \bigtriangleup to finish.

First execute item 1-4 with ^B.

1

2

B

4

B

Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Adding a VELUX INTEGRA® control pad KLR 200 to your system already operated with an interface KLF 100

The instructions below show how to copy the contents from interface KLF 100 already in use to control pad KLR 200. See also the instructions for the interface.

Interface KLF 100 to **send** a copy is called control (A). Control pad KLR 200 to **receive** a copy is called control (B).

> Remove the battery compartment lid by pressing the release button with a screwdriver as illustrated ①, ②.

> > Replace lid.

Insert batteries (type AA/LR6) 3.

 $(\mathbf{2})$

1 English (US)

Receive copy

In the display screen, roll the wheel in the directions of the arrows to choose language (1). Tap \Rightarrow (2).

en, roll the tions of the anguage ①. B Follow the instructions in the display and tap \Rightarrow when you are ready.



Do **not** tap "Receive copy" until item 6.

Continue on the next page







Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Now execute item 5 with (A).



Follow the instructions for the interface until the section where menu item ∎ is highlighted. Press ■ ▼ to highlight "Copy system". Press ■ "Enter" to confirm your choice.

You now have two minutes to execute item 6 with B.



Tap "Receive copy". Follow the instructions in the display and tap ⇒ when you are ready.



Тар "ОК".



Tap \triangle to finish.



Press 📼 "Back" to finish.

Extension of your VELUX INTEGRA® system - Adding a control

Adding a VELUX INTEGRA® control pad KLR 200 to your system already operated with another type of io-homecontrol® control

The instructions below show how to copy the contents from the io-homecontrol[®] control already in use to control pad KLR 200. See also the instructions for the control or the section Joint operation of io-homecontrol[®] products.

Note: Only available for VELUX INTEGRA® products with radio frequency 868 MHz.

io-homecontrol $\ensuremath{^{\ensuremath{\mathbb{R}}}}$ control to $\ensuremath{\text{send}}$ a copy is called control (A). Control pad KLR 200 to receive a copy is called control **B**.

> Remove the battery compartment lid by pressing the release button with a screwdriver as illustrated 1, 2. Insert batteries (type AA/LR6) 3. Replace lid.

3

B

First execute items 1-4 with (A).

In the display screen, roll the wheel in the directions of the 2 arrows to choose language ①. Tap ⇒ 2).

> Do not tap "Receive copy" until item 6.



Follow the instructions in the

display and tap ⇒ when you

are ready.



2

B

В

 (\mathbf{l})







Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Now execute item 5 with (A).



See instructions for the iohomecontrol® control. If you have two-way controls, you may also refer to the section *Joint operation of io-homecontrol*® *products*.

You now have two minutes to execute item 6 with B.



Tap "Receive copy". Follow the instructions in the display and tap ⇒ when you are ready.



Tap "0K".



Tap \triangle to finish.



Extension of your VELUX INTEGRA® system - Adding a control

Allowing controls already in use in their separate systems to operate each other's products

"Control" is used as a generic term for all devices that can operate VELUX INTEGRA® products.

If you have two (or more) controls that are already in use in their separate systems where they operate their separate products, you can make these operate each other's products. To do this, you must register all products already registered in each separate control in both controls so that all products will have the same security key.

To find the control with which control pad KLR 200 is to be merged, please see the page references below.



VELUX INTEGRA® control pad KLR 200 (3LR A02) Pages 70-71



VELUX INTEGRA® remote control KLR 100 (3LR A01) Pages 72-73



VELUX INTEGRA® control switch KLI 110 (3LI D01) Page 77



VELUX INTEGRA® interface KLF 050 fitted into a wall switch/socket of another make (3LF D50) Page 78



VELUX INTEGRA® interface KLF 100 (3LF D01) Pages 79-80

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Other types of io-homecontrol® controls Pages 81-83





VELUX INTEGRA® controller KRX 100 (3LF D02) Pages 74-75





VELUX INTEGRA® remote control without display (3UR B01) Page 76



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Allowing two or more VELUX INTEGRA® control pads KLR 200 in their separate systems to operate each other's products

The instructions below show how to make a control pad KLR 200 also operate the products registered in another control pad KLR 200.

Control pad KLR 200 to **receive** products is called control (A). Control pad KLR 200 to **send** products is called control (B).









First execute items 1-4 with (\mathbb{A}) .



Tap ⊕.



Tap "New product".



Tap "Merge control pads".



Tap "Receive products".

You now have two minutes to execute items 5-8 with B.

Tap ⊕.



 Add new products

 Delete products

 Copy centrel pad

 Merge control pads





6

 (\mathbf{B})

Tap "New product".

Tap "Send products". (B) now transfers products to (A).



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Execute items 9-11 with A.



The display asks if you want to receive more products. Tap "No".



Execute items 12-13 with ^(B).



Tap "No" if the control pad shall be able to operate its own products only. **Note:** Tap "Yes" if the opposite is the case.

B B Contract and the set of the s Tap \triangle to finish.

Now (A) can operate all products. To be able to operate all products with (B) as well, you must follow the section Adding products to the control pad.

If you have additional controls that prior to the transfer were able to operate the same products as (A), their security keys must also be synchronised to be able to operate these products again. Please refer to the list on page 84.











Extension of your VELUX INTEGRA® system - Adding a control

Allowing a VELUX INTEGRA® control pad KLR 200 and a remote control KLR 100 in their separate systems to operate each other's products

The instructions below show how to make a control pad KLR 200 also operate the products registered in a remote control KLR 100.

Control pad KLR 200 to receive products is called control (A). Remote control KLR 100 to send products is called control (B).



First execute items 1-4 with (A).



3

Α

New products ducto ducts

ol pad

Tap "Merge control pads".



Tap "New product".



Tap "Receive products".

You now have two minutes to execute items 5-7 with (B).







Press 🖶 to highlight "Copy system". Press 📼 "Enter" to confirm your choice. ^(B) now transfers products to (A).



Press 🖶 to highlight "System settings".

Press 🔳 "Enter" to confirm your choice.



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Execute items 8-10 with A.



The display asks if you want to receive more products. Tap "No".



Execute item 11 with [®].

(

11 B	- SYSTEM SETTINGS - Register product Copy system Security key Delete sensor					
	Enter Back					
	P1		P2			

Press 📼 "Back" to finish.

Now (A) can operate all products. To be able to operate all products with (B) as well, you must follow the section *Registering new products* in the directions for use for remote control KLR 100.

If you have additional controls that prior to the transfer were able to operate the same products as (A), their security keys must also be synchronised to be able to operate these products again. Please refer to the list on page 84.







ELUX®

Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Tap ⊕.

Allowing a VELUX INTEGRA $^{\rm \$}$ control pad KLR 200 and a controller KRX 100 in their separate systems to operate each other's products

The instructions below show how to make a control pad KLR 200 also operate the products registered in a controller KRX 100.

Note: Only available for VELUX INTEGRA® products with radio frequency 868 MHz.

Control pad KLR 200 to **receive** products is called control (A). Controller KRX 100 to **send** products is called control (B).



First execute items 1-4 with (A).



3 New products
Did you buy a new product?

Add new products
Delete products
Copy centrel pad
Merge centrel pads

Tap "Merge control pads".



ome - my way

ABC

EB

2

Â

Tap "New product".

Tap "Receive products".

You now have two minutes to execute items 5-7 with (B).



Press 📼 "Menu".



Press 🖶 to highlight "System settings". Press 📼 "Enter" to confirm your choice.





Press in to highlight "Copy system". Press in "Enter" to confirm your choice. (B) now transfers products to (A).



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Execute items 8-10 with A.



The display asks if you want to receive more products. Tap "No".



Execute item 11 with [®].

11 B	- SYST Registe Copy s Securit Delete	Pres	
	Enter	Back	
	P1	P2	

Press 📼 "Back" to finish.

Tap \triangle to finish.

Now (A) can operate all products. To be able to operate all products with (B) as well, you must follow the section *Registering sunscreening products in controller* in the instructions for controller KRX 100.

If you have additional controls that prior to the transfer were able to operate the same products as (A), their security keys must also be synchronised to be able to operate these products again. Please refer to the list on page 84.



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Allowing a VELUX INTEGRA® control pad KLR 200 and a VELUX INTEGRA® remote control without display in their separate systems to operate each other's products

The instructions below show how to make a control pad KLR 200 also operate the products registered in a remote control without display.

Note: Only available for VELUX INTEGRA $^{\ensuremath{\$}}$ products with radio frequency 868 MHz.

Control pad KLR 200 to **receive** products is called control (A). The remote control without display to **send** products is called control (B).

First execute item 1 with ^(B).

0

1

B



You now have 10 minutes to execute items 2-6 with (A).

Min 10 sec





Tap \Rightarrow when the control pad has found the products ①. You can now operate the new products. Tap \triangle to finish ②.

To be able to operate selected products with (B) as well, you must follow the section *Additional remote controls* in the instructions for control system KUX 100.







Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Allowing a VELUX INTEGRA $^{\rm \circledast}$ control pad KLR 200 and a control switch KLI 110 in their separate systems to operate each other's products

The instructions below show how to make a control pad KLR 200 also operate the products registered in a control switch KLI 110.

Control pad KLR 200 to **receive** products is called control (A). Control switch KLI 110 to **send** products is called control (B).

First execute item 1 with ^(B).





Press the RESET button on the back for at least 10 seconds to prepare the products for registration.

You now have 10 minutes to execute items 2-6 with (A).





Tap "New product".

 4
 New products

 Did you buy a new product?
 (?)

 Add new products
 (?)

 Delete products
 >

 Copy control
 >

 Prepare one-way control
 >

Tap "Add new products".



Tap ≓>.



Tap \Rightarrow when the control pad has found the products ①. You can now operate the new products. Tap \triangle to finish ②.

To be able to operate selected products with (B) as well, you must follow the section *More than one activation control* in the instructions for control switch KLI 110.



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Allowing a VELUX INTEGRA® control pad KLR 200 and an interface KLF 050 in their separate systems to operate each other's products

The instructions below show how to make a control pad KLR 200 also operate the products registered in an interface KLF 050.

Note: Only available for VELUX INTEGRA® products with radio frequency 868 MHz.

Control pad KLR 200 to **receive** products is called control (A). Interface KLF 050 to **send** products is called control (B).

First execute item 1 with ^(B).



Press the SET button on the back with a pointed object for at least 10 seconds to prepare the products for registration.



You now have 10 minutes to execute items 2-6 with (A).

Tap \oplus .



Tap "Add new products".



5 A Tap "New product".

Tap 🖒.

6 A Vertex fourt P roducts fourt P r

Tap \Rightarrow when the control pad has found the products ①. You can now operate the new products. Tap \triangle to finish ②.

To be able to operate selected products with (B) as well, you must follow the section *Putting into operation* in the instructions for interface KLF 050.





Extension of your VELUX INTEGRA® system - Adding a control

Tap ⊕.

Allowing a VELUX INTEGRA® control pad KLR 200 and an interface KLF 100 in their separate systems to operate each other's products

The instructions below show how to make a control pad KLR 200 also operate the products registered in an interface KLF 100.

Control pad KLR 200 to receive products is called control (A). Interface KLF 100 to **send** products is called control **B**.



Tap "New product".

B

First execute items 1-4 with (A).



You now have two minutes to execute item 5 with **B**.



Follow the instructions for the interface until the section where menu item **H** is highlighted. Press 📼 🔻 to highlight "Copy system". Press 📼 "Enter" to confirm your choice. ^(B) now transfers products

Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Execute items 6-8 with (A).



The display asks if you want to receive more products. Tap "No".



Execute item 9 with ^(B).



Press 📼 "Back" to finish.

Now (A) can operate all products. To be able to operate all products with (B) as well, you must follow the section *Register products* in the directions for use for interface KLF 100.

If you have additional controls that prior to the transfer were able to operate the same products as (A), their security keys must also be synchronised to be able to operate these products again. Please refer to the list on page 84.







Extension of your VELUX INTEGRA® system - Adding a control

Allowing a VELUX INTEGRA® control pad KLR 200 and another type of io-homecontrol® control in their separate systems operate each other's products

The instructions below show how to make a control pad KLR 200 also operate the products registered in another type of io-homecontrol[®] control.

Note: Only available for VELUX INTEGRA® products with radio frequency 868 MHz.

Control pad KLR 200 to **receive** products is called control (A). io-homecontrol[®] control to **send** products is called control **B**.

The instructions are divided into two sections:

Instructions for one-way controls marked with this symbol on the product

Instructions for two-way controls marked with this symbol on the product

One-way controls

1

(B)

1





io-homecontrol[®] control.

You now have 10 minutes to execute items 2-6 with A.



Tap ⊕.



Tap "New product".



Tap "Add new products".

5 Ά

Tap ⇒.

To be able to operate selected products with (B) as well, you must follow items 1-7 in the section Adding other types of io-homecontrol[®] controls to your system already operated

with a VELUX INTEGRA® control pad KLR 200.



Tap ⇒ when the control pad has found the products ①. You can now operate the new products.

Tap \triangle to finish 2.

Setting up

Extension of your VELUX INTEGRA® system - Adding a control



-



You now have two minutes to execute item 5 with B.



See instructions for the io-homecontrol® control. You may also refer to the section *Joint operation of io-homecontrol® products*. (B) now transfers products to (A).





Setting u

Extension of your VELUX INTEGRA® system - Adding a control

Execute items 6-8 with (A).



Tap \triangle to finish.

The display asks if you want to receive more products. Tap "No".



Now (A) can operate all products. To be able to operate all products with (B) as well, you must follow the instructions for the io-homecontrol[®] control.

If you have additional controls that prior to the transfer were able to operate the same products as (A), their security keys must also be synchronised to be able to operate these products again. Please refer to the list on page 84.









Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Synchronise the security keys in controls in the same system so they can operate products again

"Control" is used as a generic term for all devices that can operate VELUX INTEGRA® products.

If you have a control that no longer can operate the products because they have been given a new security key, the security key of this control must be synchronised to be able to operate the products again.

To find the control that is to have the same security key as control pad KLR 200, please see the page references below.



VELUX INTEGRA[®] remote control KLR 100 (3LR A01) Pages 87-88

VELUX INTEGRA®

(3LR A02)

Pages 85-86

control pad KLR 200



Other types of io-homecontrol[®] controls Page 93

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789
* 0 .
T U U 1

VELUX INTEGRA® controller KRX 100 (3LF D02) Pages 89-90







Extension of your VELUX INTEGRA® system - Adding a control

Synchronise the security keys in two VELUX INTEGRA® control pads KLR 200 in the same system so they both can operate products again

The instructions below show how to transfer the security key of a control pad KLR 200 to another control pad KLR 200.

Control pad KLR 200 to **send** the security key is called control (A). Control pad KLR 200 to receive the security key is called control ©.











First execute items 1-4 with (A).



Tap ⊕.



Tap "New product".

New products 3 Ά oducts ucts ol pad control pade

Tap "Copy control pad".



Tap ⊰>.

You now have two minutes to execute items 5-8 with \bigcirc .



C

Tap ⊕.



Tap "Settings".

Tap "Security".



Tap "Receive security key".



Continue on the next page



2

Setting up

Extension of your VELUX INTEGRA® system - Adding a control





Tap ∆ to finish.

The security key is now identical in both controls, and $\textcircled{\mbox{\sc c}}$ can operate products again.

If you have additional controls in the same system, you must also synchronise their security keys to make them operate the products again. Please refer to the list on page 84.

To be able to operate all products with C as well, you must follow the section Adding products to the control pad.



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Extension of your VELUX INTEGRA® system - Adding a control

Synchronise the security keys in a VELUX INTEGRA® control pad KLR 200 and a remote control KLR 100 in the same system so they both can operate products again

The instructions below show how to transfer the security key of a control pad KLR 200 to a remote control KLR 100.

Control pad KLR 200 to **send** the security key is called control (A). Remote control KLR 100 to receive the security key is called control ©.

Tap ⊕.



First execute items 1-4 with (A).



Tap "Copy control pad".



Tap "New product".





Tap ⇒.

You now have two minutes to execute items 5-8 with ©.



Continue on the next page

Setting up

Extension of your VELUX INTEGRA® system - Adding a control

9 A Vrue Vrue Vrue Vrue Vrue Vrue Vrue Vrue	Tap △ to finish.	10 — SECURITY & Change Receive		KEY —	Press 📼 "Back" to finish.
			Enter P1	Back P2	

The security key is now identical in both controls, and C can operate products again.

If you have additional controls in the same system, you must also synchronise their security keys to make them operate the products again. Please refer to the list on page 84.

To be able to operate all products with C as well, you must follow the section *Registering new products* in the directions for use for remote control KLR 100.



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Synchronise the security keys in a VELUX INTEGRA® control pad KLR 200 and a controller KRX 100 in the same system so they both can operate products again

The instructions below show how to transfer the security key of a control pad KLR 200 to a controller KRX 100.

Note: Only available for VELUX INTEGRA[®] products with radio frequency 868 MHz.

Control pad KLR 200 to **send** the security key is called control (A). Controller KRX 100 to **receive** the security key is called control (C).

First execute items 1-4 with (A).

1

 (\mathbf{A})

3

Α



New products

w products products control pad control pad Tap "Copy control pad".



me - my way

63

ABC

2

A

Tap **≓**>.

Tap "New product".

You now have two minutes to execute items 5-8 with ©.

5 C	12:32 1	Press 📼 "Menu".	6 ©	MENU User settings System settings Program settings Enter Back	Press 🖶 to highlight "System settings". Press 📼 "Enter" to confirm your choice.
7 ©	- SYSTEM SETTINGS - Register product Copy system Security key Delete sensor Enter Back	Press 🖶 to highlight "Security key". Press 📼 "Enter" to confirm your choice.	8 ©	- SECURITY KEY Change Receive Enter Back P1 V P2	Press 🖶 to highlight "Receive". Press 📼 "Enter" to confirm your choice. The display now indicates that the security key is being transferred.



3

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VELUX

Setting up

Extension of your VELUX INTEGRA® system - Adding a control

9 (A) Vetture Ny home Al vettaux	Tap ∆ to finish.	10 ©	— SECURITY I Change Receive	KEY —	Press 📼 "Back" to finish.
			Enter P1	Back P2	

The security key is now identical in both controls, and C can operate products again.

If you have additional controls in the same system, you must also synchronise their security keys to make them operate the products again. Please refer to the list on page 84.

To be able to operate all products with C as well, you must follow the section *Registering sunscreening products in controller* in the instructions for controller KRX 100.



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Synchronise the security keys in a VELUX INTEGRA® control pad KLR 200 and an interface KLF 100 in the same system so they both can operate products again

The instructions below show how to transfer the security key of a control pad KLR 200 to an interface KLF 100.

Control pad KLR 200 to **send** the security key is called control A. Interface KLF 100 to **receive** the security key is called control C.





You now have two minutes to execute items 5-6 with C.



Follow the instructions for the interface until the section where menu item **I** is highlighted.

Press **□** ▼ to highlight "Security key".

Press 📼 "Enter" to confirm your choice.





Setting u

Extension of your VELUX INTEGRA® system - Adding a control



The security key is now identical in both controls, and C can operate products again.

If you have additional controls in the same system, you must also synchronise their security keys to make them operate the products again. Please refer to the list on page 84.

To be able to operate all products with C as well, you must follow the section *Registering products* in the directions for use for interface KLF 100.



Setting up

Extension of your VELUX INTEGRA® system - Adding a control

Synchronise the security keys in a VELUX INTEGRA® control pad KLR 200 and another type of io-homecontrol® controls in the same system so they both can operate products again

The instructions below show how to transfer the security key of a control pad KLR 200 to an io-homecontrol[®] control.

Note: Only available for VELUX INTEGRA® products with radio frequency 868 MHz.

Control pad KLR 200 to **send** the security key is called control (A). io-homecontrol $^{\odot}$ control to **receive** the security key is called control (C).

Tap ⊕.



First execute items 1-4 with (A).



control pad

 New products
 Tage

 you buy a new product?
 (3)

 id new products
 >

 ilete products
 >

Tap "Copy control pad".



Tap "New product".

Send copy You can send a copy of you can be a new or reset control gad. When turned or, the new or reset control gad. Water to transact for products, and if it does not thing any, it can reserve a copy. Tap arcose forward to start sending a copy from your control pad.

Tap **⊰**>.

You now have two minutes to execute item 5 with C.



3

Α

See instructions for the io-homecontrol[®] control. You may also refer to the section *Joint operation of io-homecontrol*[®] *products.*



Tap Δ to finish.

The security key is now identical in both controls, and C can operate products again.

If you have additional controls in the same system, you must also synchronise their security keys to make them operate the products again. Please refer to the list on page 84.

To be able to operate all products with C as well, you must follow the instructions for the io-homecontrol $^{\mbox{\tiny ®}}$ control.





Extension of your VELUX INTEGRA® system

Deleting products in the control pad

You can delete products from the control pad if you do not want to be able to operate them with the control pad anymore.



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VEIII





Setting up

Extension of your VELUX INTEGRA® system - Joint operation of io-homecontrol® products

To operate other types of io-homecontrol® products than VELUX INTEGRA® products with control pad KLR 200 or operate your VELUX INTEGRA® products with another type of io-homecontrol® control than control pad KLR 200, all products must have the same security key.

Please refer to the lists with reference pages in the section *Extension of your VELUX INTEGRA® system* to see how control pad KLR 200 can be combined with other specifically described types of io-homecontrol® products and systems using the same radio frequency when communicating. Below you can see how to configure io-homecontrol® products in general to include them in joint systems and how to create a new security key. In principle, control pad KLR 200 is combinable with other controls without any need for further instructions but please be aware that not all controls offer joint operation of io-homecontrol® products.

Under the lid on the back of the control pad KLR 200, a **key button** can be activated by pressing it with a pointed object. Depending on whether you want to **receive**, **send** or **create** a new security key, you must press this key button for a certain period of time.

Receive the security key of another control:

Press the key button briefly (max 2 seconds) until the diode starts flashing slowly \square (1 flash per sec).

Send the security key to another control:

Press the key button a little longer (2-7 seconds) until the diode starts flashing a little faster inter (3 flashes per sec).

Create a new security key:

Press the key button for a long time (7-15 seconds) until the diode starts flashing very fast - (7 flashes per sec).

IMPORTANT: Prior to creating a new security key, you must check that all products in the control pad are operable. If a product is not operable, this product will not be operable with a new security key either.

To **cancel** receiving, sending or creating a security key, you must **press and hold the key button** until the diode goes out.

The instructions on the following pages show how to transfer the security key depending on which of the three situations is relevant.





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Extension of your VELUX INTEGRA® system - Joint operation of io-homecontrol® products

Sending the security key to another io-homecontrol® control

VELUX INTEGRA® control pad KLR 200

Tap \triangle to ensure that the control pad display is on.

Press the key button for 2-7 seconds until the diode starts flashing (3 flashes per sec).

Note: The transfer can be interrupted by pressing the key button once more.

io-homecontrol[®] control A

Press the key button briefly (max 2 seconds) until the diode starts flashing slowly (1 flash per sec).

When the diode on your control pad KLR 200 stays green for about 2 seconds **—** and then goes out, the transfer has succeeded.

If the diode on your control pad KLR 200 flashes red quickly three consecutive times : consec has failed. In this case, you must repeat the process with both controls.

When the security key has been sent, you have to add the products from control pad KLR 200 to io-homecontrol® control (A). Please refer to the instructions for io-homecontrol[®] control (A).













Setting up

Extension of your VELUX INTEGRA® system - Joint operation of io-homecontrol® products

Receiving the security key of another io-homecontrol® control

io-homecontrol® control (A)

Press the key button for 2-7 seconds until the diode starts flashing (3 flashes per sec).

Note: The transfer can be interrupted by pressing the key button once more.

VELUX INTEGRA® control pad KLR 200

Tap \triangle to ensure that the control pad display is on. Press the key button briefly (max 2 seconds) until the diode starts flashing slowly \frown (1 flash per sec).

When the diode on your control pad KLR 200 stays green for about 2 seconds \square and then goes out, the transfer has succeeded.

If the diode on your control pad KLR 200 flashes red quickly three consecutive times in the consecutive tin the consecutive tin the consecutive ti

When the security key has been received, you have to add the products from io-homecontrol[®] control (A) to control pad KLR 200. Please refer to the section *Adding products to the control pad*.







Creating a new security key in VELUX INTEGRA $^{\ensuremath{\mathbb{R}}}$ control pad KLR 200

Tap \triangle to ensure that the control pad display is on.

Note: All products in the control pad must be operable; otherwise they will not be operable with a new security key either. Therefore please make sure that all products are connected to power and within range before continuing.

Press the key button for 7-15 seconds until the diode starts flashing very fast -- (7 flashes per sec).

When the diode on your control pad KLR 200 stays green for about 2 seconds \square and then goes out, the creation has succeeded.

If the diode on your control pad flashes red quickly three consecutive times in the creation has failed. Some products are now not operable with this control pad anymore.







Setting up

Settings

Time and date

You can set time and date at any time. **Note:** You cannot use programs until you have set time and date.

Setting time

The example shows how to set time.



Set hours and minutes



Tap "Set time".



Roll the wheel in the directions of the arrows to choose hours and minutes ①. Tap "OK" ②.

Switch between 12 hours (am/pm) and 24 hours format



Scroll down the display until "Time format" is shown.



Tap either 12 or 24 hours format (1). Tap \Rightarrow (2).





Time switches automatically from summer time/daylight saving time to standard time and vice versa. This function can be disabled by removing the tick for "Adjust to summer time".

Continue on the next page

lue on the next page

Setting up

Settings

Setting date

The example shows how to set date.





Tap "Time and date".

Set date



Tap "Set date".



Roll the wheel in the directions of the arrows to choose day, month and year 1. Tap "OK" 2.

Set date format



Scroll down the display and tap "Date format".



Roll the wheel in the directions of the arrows to choose date format ①. Tap "OK" ②.



Tap \Leftrightarrow or \triangle when you have finished setting time and/or date.

2

VELI

Setting up

Settings

Language

You must choose a language the first time the control pad is put into operation. The chosen language can be changed at any time. The example shows how to change language.



Silent mode operation of products

Some products can be set to silent mode when operated. This may be convenient, for instance if the products are automatically activated by a program at night.

Note: Products set to silent mode operation run slower.

The example shows how to set products to run in silent mode.







Tap "Settings".



Tap "Silent mode operation of products".



Tick the product(s) to run silently (1). Tap $\Rightarrow (2)$.



Setting up

Resetting the control pad

The control pad can be reset to its initial factory settings if you want to delete all registered products and personal settings and start afresh.

Note: If you have one control pad only, all products must be reset before you can register them in the control pad again, see the section *If the initial set-up fails*. If you have an additional control, you can copy this to the control pad you are resetting instead, see the section *Adding a control*.



Tap \triangle to ensure that the control pad display is on.



Remove the battery compartment lid by pressing the release button with a screwdriver as illustrated (1), (2).

Press the RESET button on the back of the control pad with a pointed object for at least 5 seconds ③. Replace lid.



In the display screen, tap "Yes" to confirm that you want to reset the control pad.

The control pad has now been reset. To be able to use it, the products must be registered again. See the section *Initial set-up*.



Setting up

Security

Password

To ensure that your settings cannot be changed by anyone except yourself, access to the settings of the control pad can be limited by means of a password.

The example shows how to lock the settings by means of a password.





Setting up

Security

Changing the security key

Controls and products have a security key to ensure that only controls with the authorised security key can operate your products. If you suspect that the security key in your control has been changed without your consent, you can create a new one. If you change the security key, all products in the system must have the new security key.

"Control" is used as a generic term for all devices that can operate VELUX INTEGRA® products.

To find the control that operates the same system as your control pad KLR 200 and needs a change of security key, please see the page references below.



VELUX INTEGRA® control pad KLR 200 (3LR A02) Pages 104-105



VELUX INTEGRA® remote control KLR 100 (3LR A01) Pages 106-107



Pages 110-111

VELUX INTEGRA® interface KLF 100

(3LF D01)



Other types of io-homecontrol[®] controls Pages 112-113



VELUX INTEGRA[®] controller KRX 100 (3LF D02) Pages 108-109





Setting up

Security - Changing the security key

Changing the security key in systems with one or more VELUX INTEGRA® control pads KLR 200

Control pad KLR 200 to **send** the security key is called control (A). Control pad KLR 200 to **receive** the security key is called control (B). It does not matter which control pad is called (A) or (B).



First execute items 1-6 with (A).

All were the store of the store	Tap ⊕.	2 A A A A A A A A A A A A A	Tap "Settings".
3 Settings Time and date > Security > Longuage >	Tap "Security".	4 Security Lock settings > A Lost control pad Receive security key >	Tap "Lost control pad".
5 Lost control pad If you have lost one of your cont that another control pad, replanding to the carry for your products. In that was to peralle your products.	Tap ⇔.	Image: Security keys replaced Image: Security keys in all products are now replaced by so have other control paids, you must send the rate key to them in start to deprate your products from them, here solved send source you? In this control and and "Receive key" in the other control paids. No Send security key	Tap "Send security key". Note: Tap "No" if you have one control pad only.





VELUX®

Setting up

Security - Changing the security key

You now have two minutes to execute items 7-12 with B.



The security key is now identical in both controls.

If you have additional controls, you must execute item 6 with (A) and items 7-12 or corresponding items for each additional (B), please see the page references in the section *Changing the security key*.



Tap \triangle or corresponding "Back" key on all controls to finish.

Setting up

Security - Changing the security key

Changing the security key in systems with one or more VELUX INTEGRA® control pads KLR 200 and remote controls KLR 100

Control pad KLR 200 to **send** the security key is called control (A). Remote control KLR 100 to **receive** the security key is called control (B).



First execute items 1-6 with (A).







Setting up

Security - Changing the security key

You now have two minutes to execute items 7-10 with (B).



The security key is now identical in both controls.

If you have additional controls, you must execute item 6 with (A) and items 7-10 or corresponding items for each additional (B), please see the page references in the section *Changing the security key*.



Tap \triangle or corresponding "Back" key on all controls to finish.

Security - Changing the security key

Changing the security key in systems with one or more VELUX INTEGRA® control pads KLR 200 and controllers KRX 100

Note: Only available for VELUX INTEGRA® products with radio frequency 868 MHz.

Control pad KLR 200 to **send** the security key is called control (A). Controller KRX 100 to **receive** the security key is called control **B**.



First execute items 1-6 with (A).







Continue on the next page



Setting up

Security - Changing the security key

You now have two minutes to execute items 7-10 with (B).



The security key is now identical in both controls.

If you have additional controls, you must execute item 6 with (A) and items 7-10 or corresponding items for each additional (B), please see the page references in the section *Changing the security key*.



Tap \triangle or corresponding "Back" key on all controls to finish.

Setting up

Security - Changing the security key

Changing the security key in systems with one or more VELUX INTEGRA® control pads KLR 200 and interfaces KLF 100

Control pad KLR 200 to **send** the security key is called control (A). Interface KLF 100 to **receive** the security key is called control (B).





3 Settings Time and date > Silent mode operation of products > Security > Language >





Tap ⊕.

Tap "Security".



ome - my way

ABC

63

0

2

 \mathbf{A}

6

 (\mathbf{A})

Tap "Settings".

Tap "Lost control pad".

Tap "Send security key".

B





VELUX®

Setting up

Security - Changing the security key

You now have two minutes to execute items 7-8 with B.



Follow the instructions for the interface until the section where menu item ∎ is highlighted. Press ■ ▼ to highlight "Security key". Press ■ "Enter" to confirm your choice.



Press ■ ▼ to highlight "Receive". Press ■ "Enter" to confirm your choice. The display now indicates that the security key is being transferred.

The security key is now identical in both controls.

If you have additional controls, you must execute item 6 with (A) and items 7-8 or corresponding items for each additional (B), please see the page references in the section *Changing the security key*.



Tap \triangle or corresponding "Back" key on all controls to finish.

Security - Changing the security key

Changing the security key in systems with one or more VELUX INTEGRA® control pads KLR 200 and other types of io-homecontrol[®] controls

Note: Only available for VELUX INTEGRA® products with radio frequency 868 MHz.

Control pad KLR 200 to **send** the security key is called control (A). io-homecontrol[®] control to **receive** the security key is called control (B).



First execute items 1-6 with (A).









Setting up

Security - Changing the security key

You now have two minutes to execute item 7 with (B).



See instructions for the io-homecontrol® control. You may also refer to the section *Joint operation of io-homecontrol*® *products*.

The security key is now identical in both controls.

If you have additional controls, you must execute item 6 with (A) and item 7 or corresponding items for each additional (B), please see the page references in the section *Changing the security key*.



Tap \bigtriangleup on the control pad to finish.



Installation

Fitting the control pad to the wall

You can secure the control pad directly to the wall without using the holder supplied **A**. The control pad will be almost flush with the wall and you will always know where it is.

The control pad can be made movable by fitting the holder supplied to the wall **B** and placing the control pad in the holder.

You may also choose not to fit the control pad to the wall.

Α



В



Control pad fitted directly to the wall

1

The holder is not required.



Remove the battery compartment lid by pressing the release button with a screwdriver as illustrated.



Fit the battery compartment lid to the wall with the two screws supplied.



Clip on the control pad to the battery compartment lid.





Press with a pointed object at the bottom of the holder and remove the back section.



Fit the back section onto the wall with the two screws supplied.



Clip on the holder to the back section.



Place the control pad in the holder. The control pad is secured by means of built-in magnets.

VELUX[®]

Installation

Repositioning the rain sensor in case of retrofitting

Retrofitting a VELUX INTEGRA® roller shutter or awning blind onto a VELUX INTEGRA® centre-pivot window

If you want to retrofit a VELUX INTEGRA® roller shutter or awning blind onto your VELUX INTEGRA® centre-pivot window, you must reposition the rain sensor to the side channel of the roller shutter or the awning blind.

Note: The mains or battery supply must be switched off while repositioning the rain sensor.

- Move the rain sensor from window side cover to roller shutter or awning blind side channel.
 Important: The surface to which the rain sensor is to be adhered must be clean and dry.
- **2** Lead the cable under roller shutter or awning blind without pulling it tight.
- **3** Lead the cable into the window as shown.













VELU

Declaration of Conformity

For products offered in Europe

In accordance with the Council Directive 2006/95/EC

We herewith declare that the VELUX INTEGRA® products

- roof windows GGL (----21) and GGU (----21),
- Solar roof windows GGL (----30) and GGU (----30),
- flat roof window CVP (3MX A02),
- modular skylight HVC (3MA A01, 3MA A02, 3MA A03, 3MA A04 and 3MA A05),
- conversion kit KMX 100 (3MG A01, 3UC A02, 3LA A01 and 3LR A01) for VELUX roof windows GGL and GGU,
- conversion kit KMX 200 (3MX A01, 3LA A01 and 3LR A01) for VELUX roof windows GHL, GHU, GPL, GPU, GTL, GTU and VKU,
- Solar conversion kits KSX 100 (3SM B01, 3SD B01 and 3LR A01) and KSX 100K (3SM BK01 and 3LR A02) for VELUX roof windows GGL and GGU and
- control pad KLR 200 (3LR A02)
- are in conformity with the Machinery Directive 2006/42/EC, EMC Directive 2004/108/EC, Low Voltage Directive 2006/95/EC and R&TTE Directive 1999/5/EC and
- have been manufactured in accordance with the harmonised standards EN 300220-2, EN 301489-3, EN 55014-1 (2006-12), EN 55014-2(1997-02), EN 55022(2006-09), EN 55024(1998-09), EN 61000-3-2(2006-04), EN 61000-3-3(1995-01), EN 50366, EN 60335-1, EN 60335-2-103, EN 61558-1 and EN 61558-2-16.

The above-mentioned VELUX INTEGRA® products are to be considered as machines, which are not to be put into service until they have been installed according to instructions and requirements.

The total system then complies with the essential requirements of the Council Directives 2006/42/EC, 2004/108/EC, 2006/95/EC and 1999/5/EC.

WANS LINS M VELUX A/S: ..

(Lars Gylstorff, Product Management)

CE DoC 942000-00

For products offered in Australia, Canada, Japan, New Zealand and the United States of America

We herewith declare that the VELUX INTEGRA® products

- control pad KLR 200 (3LR A02 US),
- Solar skylights VSS and VCS and,
- skylights VSE and VCE

comply with part 15 of the FCC rules, RSS-210 of the IC rules, ARIB STD T33 and T66 and AS/NZS 4268:

- Control pad FCC ID: XSG832794, IC ID: 8642A-832794 and Certificate of Radio Equipment in Japan: No. 13215185,
- Window operator (solar powered skylight operator) FCC ID: XSG832876 and IC ID: 8642B-832876,
- Window operator (electrically powered skylight operator) FCC ID: XSG863765 and IC ID: 8642A-863765.