
INSTALLATION AND OPERATING MANUAL**HEATSCOPE®**

SMARTBOX

SOMFY / io-homecontrol**Operate your HEATSCOPE heater remotely**

On/off - 50% - 100%

For PURE and NEXT models with external control

GB

Radiant Heater

Read before installation and keep with your SmartBox.

BEFORE YOU START

Your SmartBox Somfy

The SmartBox is placed between power supply and the HEATSCOPE PURE or NEXT heater with external control. It enables the heater to start, stop and choose a power of 50% or 100%.

Reference	Finish
MHS-SBOXS-AB.100	Black (AB)
MHS-SBOXS-WT.100	White (WT)

Your control system

This version communicates in Somfy io-homecontrol. Use a compatible Somfy io remote control, such as a Situo io. The remote control is to be provided separately. The wall or ceiling mounting plate is provided with the SmartBox.

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01 / PREPARATION

Preparing the SmartBox

Unpack the housing and accessories carefully. Check the condition of the housing, plate, lid and cable passages. Check the voltage indicated on the rating plate.

Disconnect the circuit power supply before opening the housing or connecting the cables. Check that no voltage is present and use a supply protected by a residual-current device.

Secure the SmartBox and heater to their support. Place the cables away from the hot surfaces of the heater and preserve the seals and sealing of the cable passages.

Features of the SmartBox

Power supply	220-240 V AC, 50/60 Hz
Control	On/off, 50% and 100%
Contact switching capacity	16 A maximum per heating stage, resistive load
Case protection	IP65
Dimensions (L × H × D)	100 × 170 × 35,5 mm
Housing weight	0,35 kg
Weight with mounting plate	0,51 kg

Positioning of heater

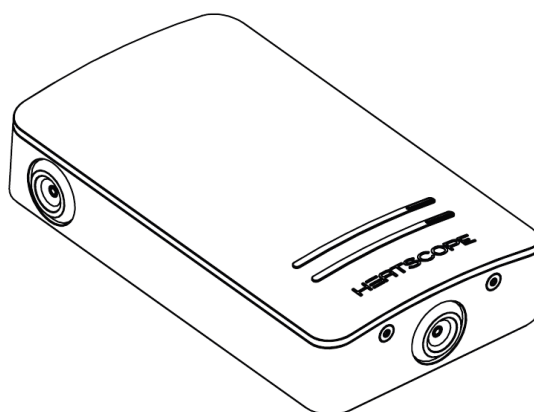
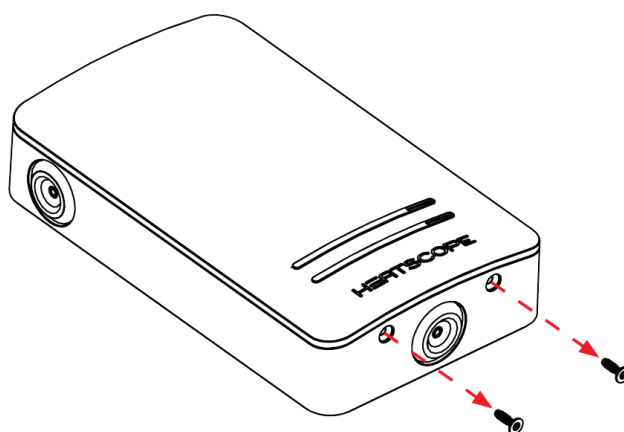
The PURE mounting diagrams specify a minimum distance of 25 cm below the ceiling and 40 cm from the walls. Also follow all other distances and instructions in the manual for the associated heater model.

This manual accompanies that of the heater. Keep both documents together.

02 / OPENING

Remove screws from lid

After cutting off the power supply, remove the two screws indicated on the front face. Keep them for closing.

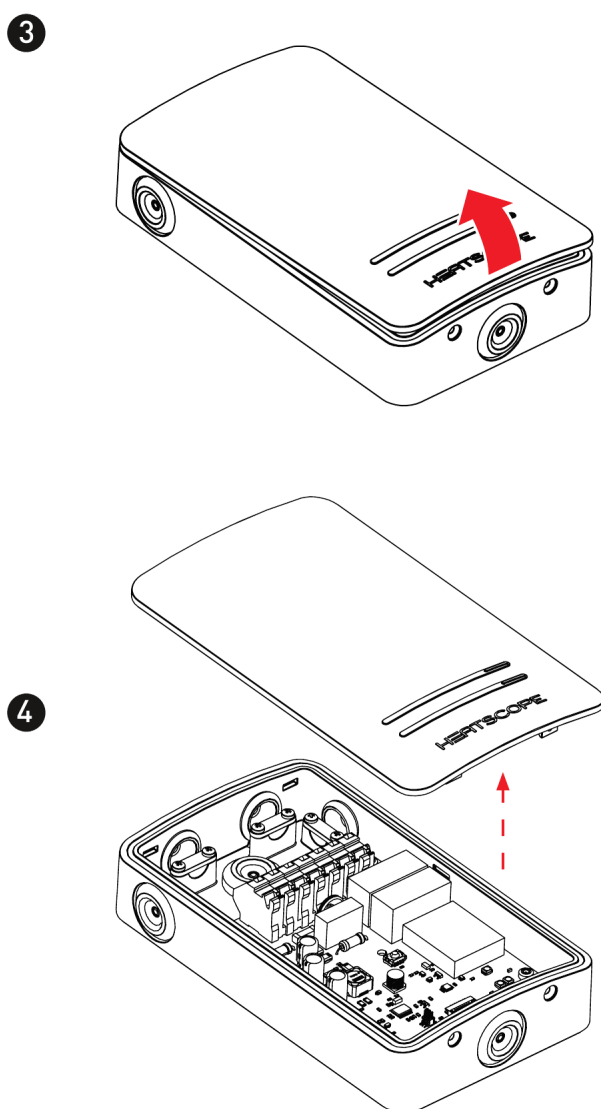
1**2**

1. Enclosure closed. 2. Removal of both screws.

02 / OPENING

Lift and remove lid

Lift the cover in the direction of the arrow, then remove it to access the terminal block. Protect the gasket seating surface and the components inside the housing.

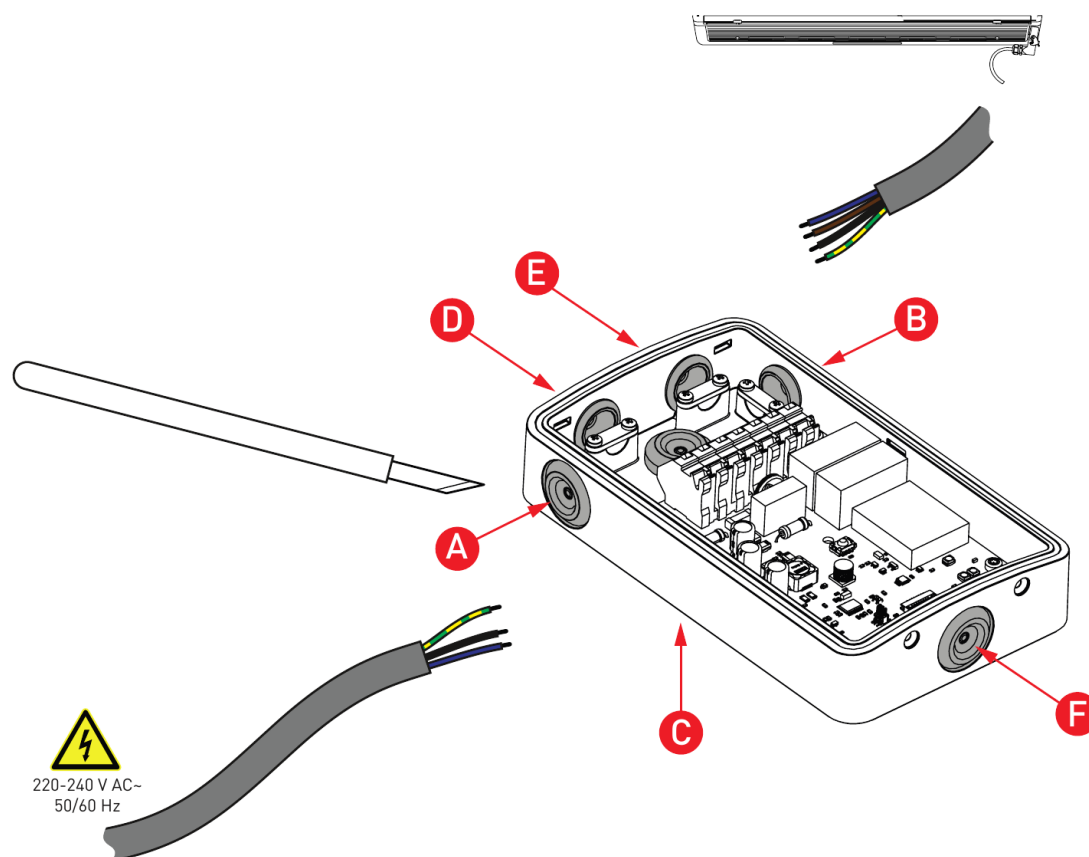


3. Lifting the lid. 4. Access to the open housing.

03 / ELECTRICAL CONNECTION

Choose cable passages

Select the passages adapted to the SmartBox position. The diagram identifies entries A to F. Unused entries must keep their closure watertight.

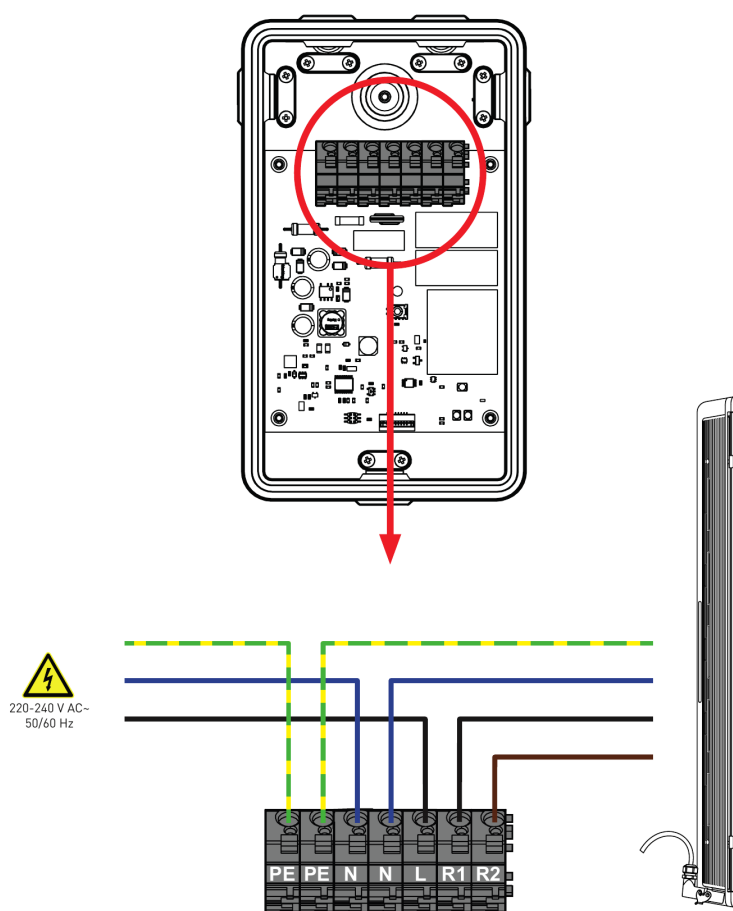


Markings	Use
A and B	Mounting with the PURE mounting bracket
C	Recessed mounting with cable entry through the wall opening
D and E	Mounting without the PURE bracket, using the separate small MHS-SBOXMP plate
F	Input for additional equipment, e.g. a motion detector.

03 / ELECTRICAL CONNECTION

Connecting the terminal block

Connect the power supply and heater as shown in the diagram. Outputs R1 and R2 correspond to the two heating stages. Make all connections with the power disconnected.

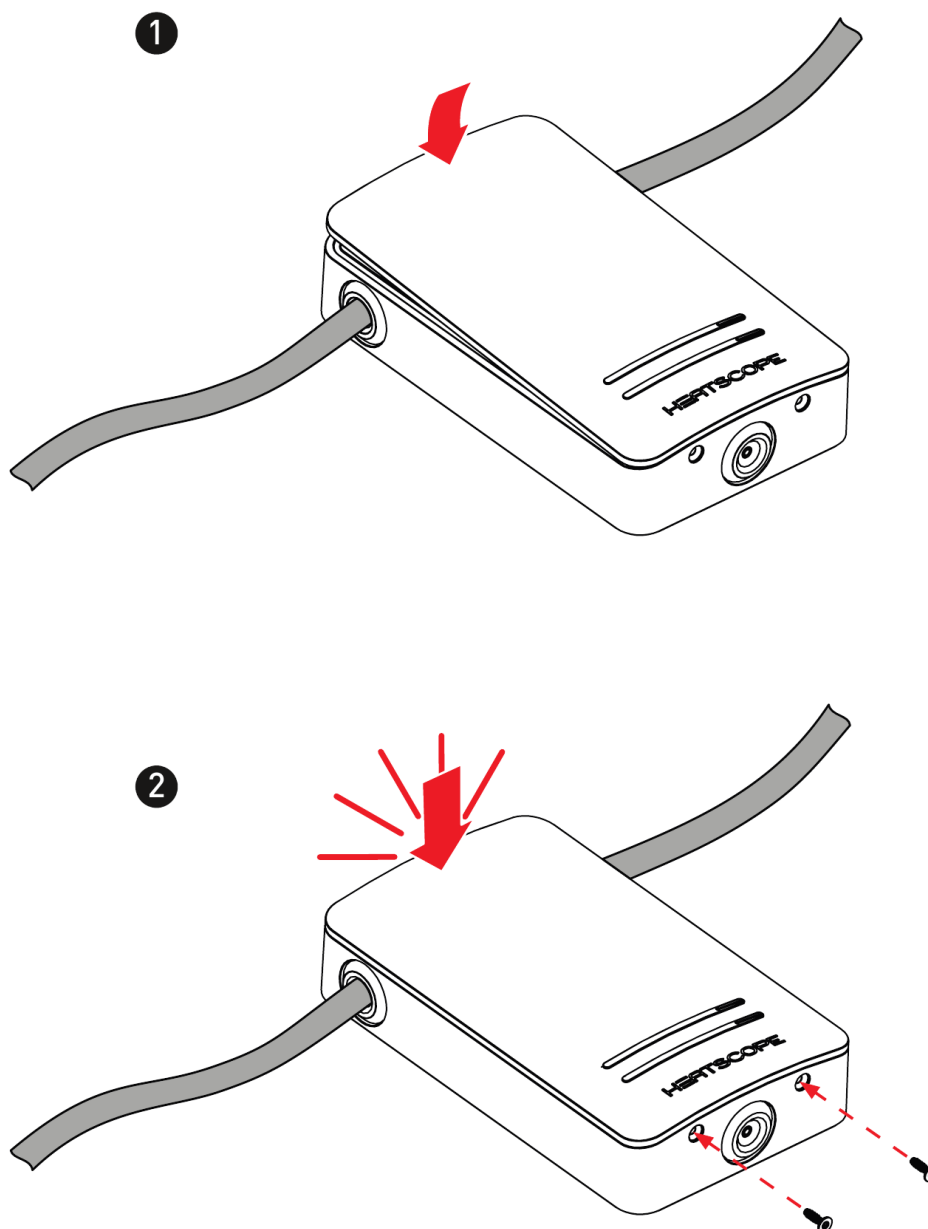


Terminals	Role
PE / PE	Protective earth for the power supply and heater.
N / N	Neutral for power supply and heater.
L	Live conductor from the mains supply
R1 / R2	Live outputs to the two heating stages

04 / CLOSING

Replace and screw the lid

Check that the conductors are secure, the gasket is intact and the cable entries are closed. Replace the cover without trapping a cable, then refit the two screws.

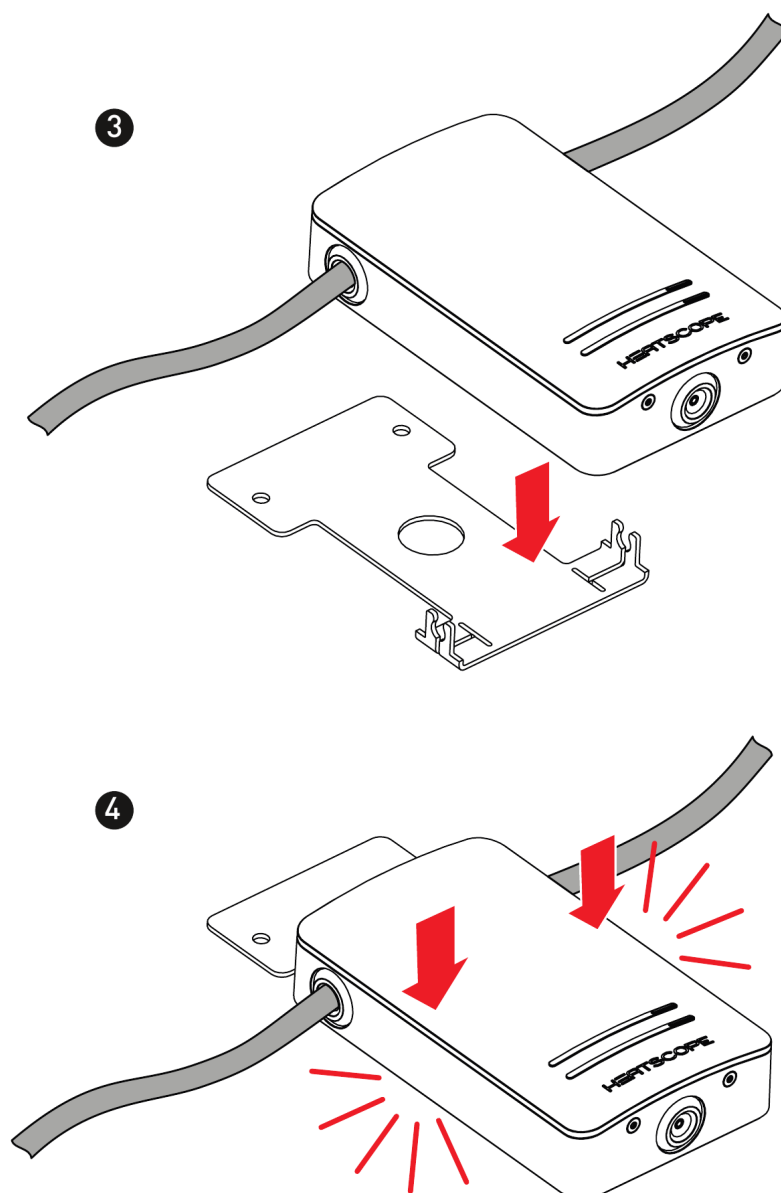


1. Replacing the cover. 2. Inserting and tightening the screws.

04 / MOUNTING

Clip the housing to its plate

Place the SmartBox onto its mounting plate in the direction shown, then press at the indicated points to engage the clips. Check that the housing is firmly secured.

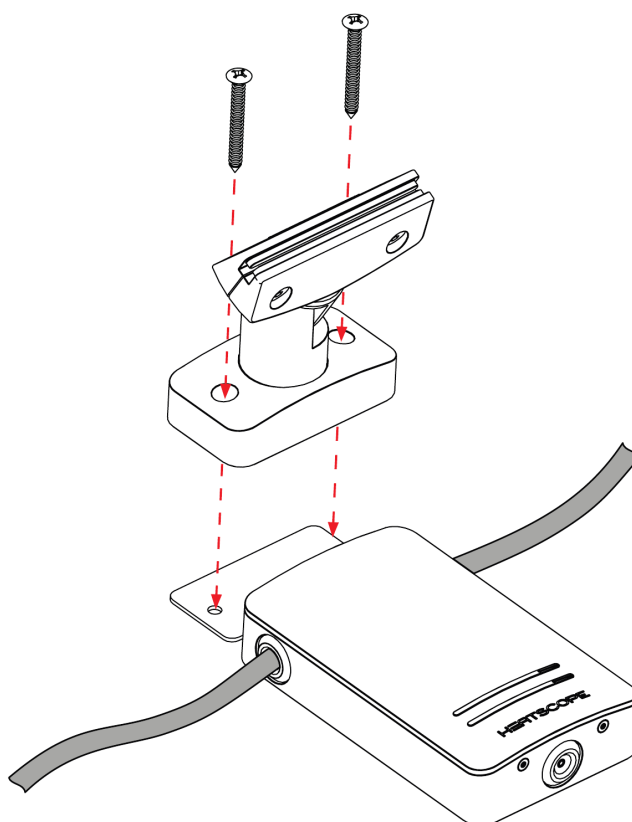


3. Positioning the plate. 4. Engaging the clips.

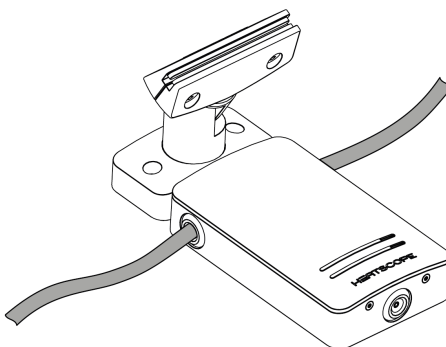
05 / ASSEMBLY

Fixing with the PURE support

Assemble the PURE support with the SmartBox mounting plate, then fix the assembly to the chosen location. Use the attachments adapted to the mounting bracket.



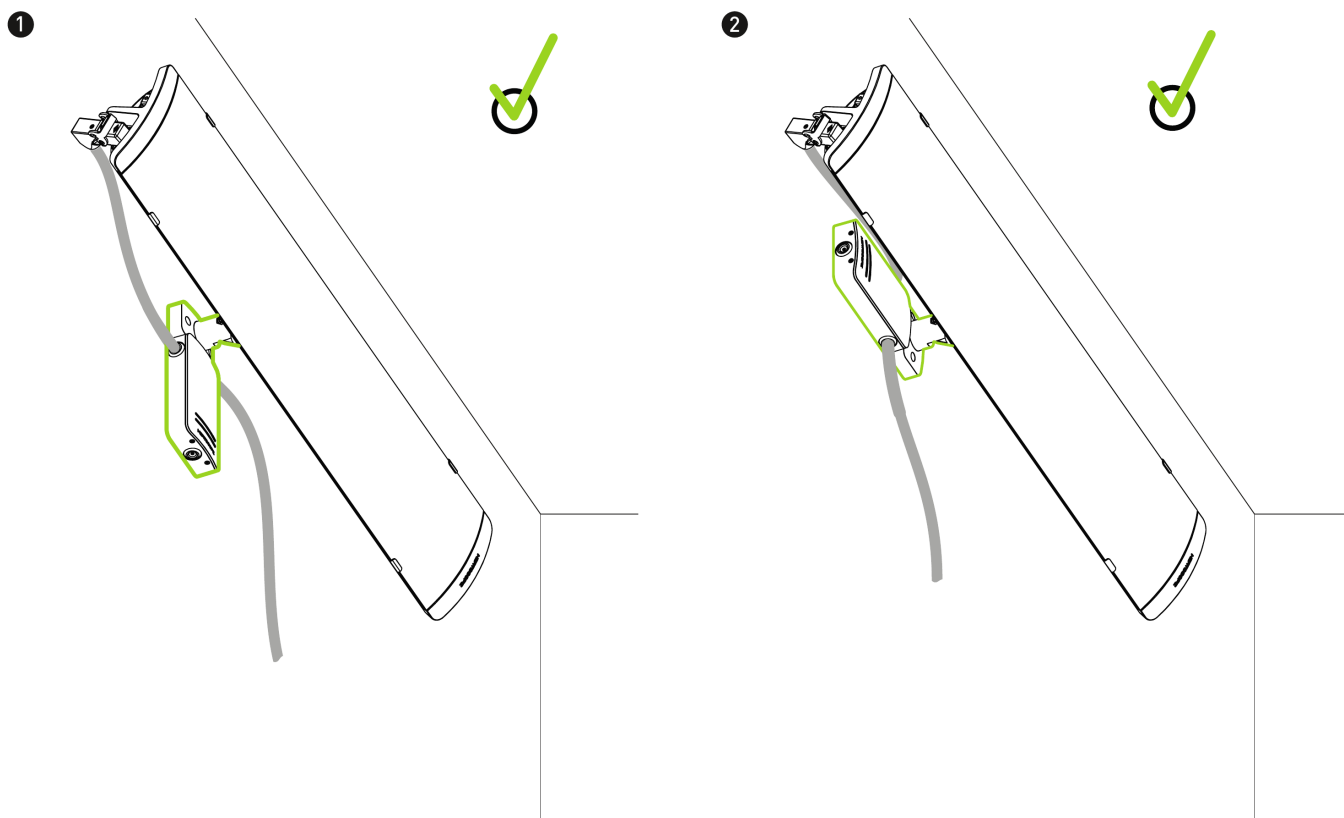
The heater support is fixed with the SmartBox plate.



05 / ASSEMBLY

Wall position: positions 1 and 2

Choose a position that leaves the cables away from the heater and respects the installation distances. The green markers identify the mounts represented as suitable.



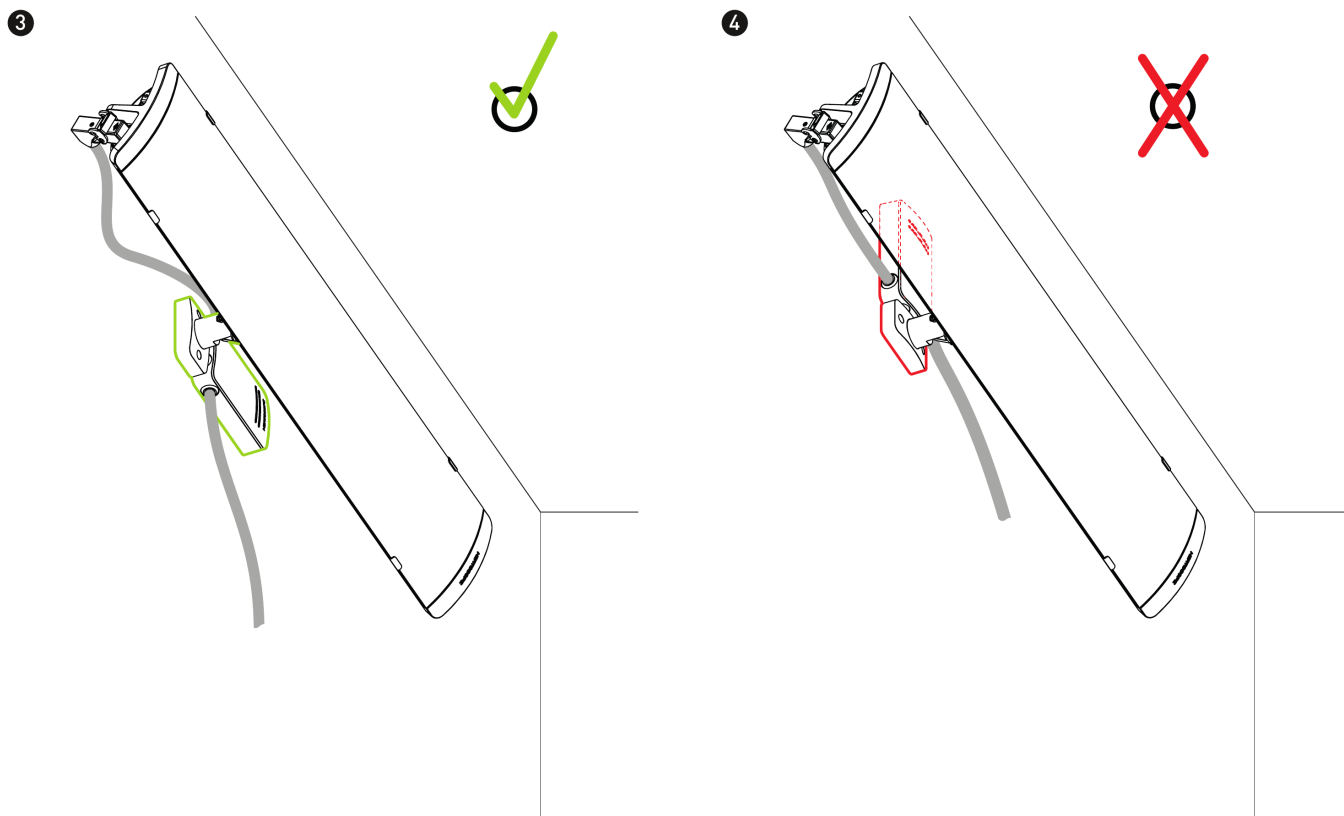
SmartBox shifted to the side or placed above the heater.

Keep the housing and heater accessible. Prevent cables from resting on hot surfaces and check that the assembly is secure before restoring power.

05 / ASSEMBLY

Wall position: positions 3 and 4

Choose a position that leaves the cables away from the heater and respects the installation distances. The green markers identify the mounts represented as suitable.



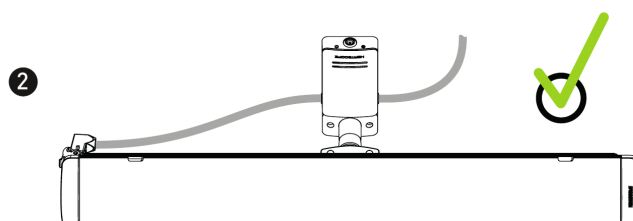
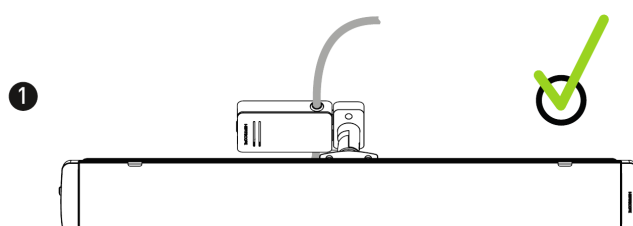
Maintain an accessible location

Position 3 is represented with a green marker. Position 4, behind the heater body, has a red marker: hold one of the validated positions in the diagrams.

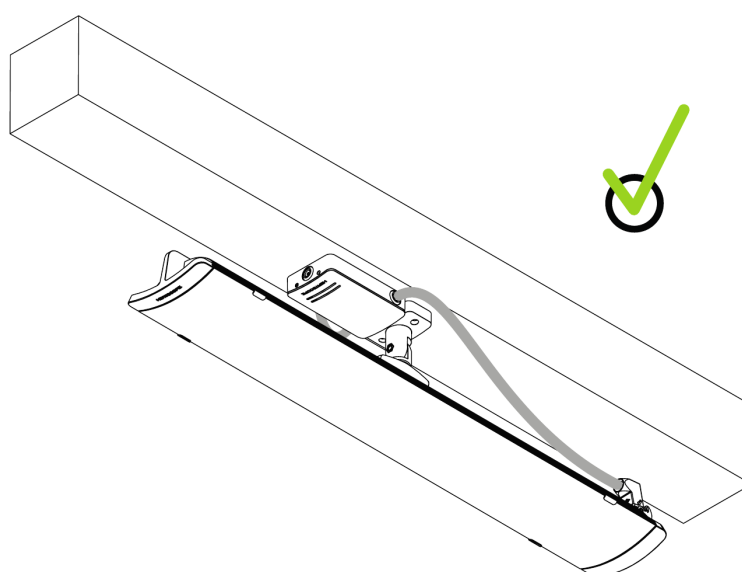
05 / ASSEMBLY

Ceiling and beam mounting

The diagrams below show two ceiling mounting arrangements followed by mounting on a beam. Follow the fixings and clearances specified for the associated heater.



1 and 2. Ceiling installation configurations.



Mounting on a beam with mounting plate.

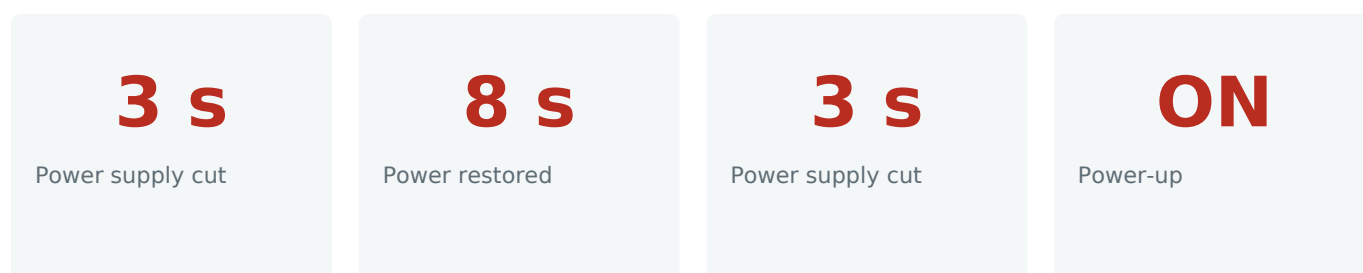
06 / SOMFY IO-HOMECONTROL

Pairing a Situo io remote control

Put the two heater switches on ON. Prepare a Somfy io remote control

compatible. The procedure below corresponds to the Situo io remote control described for the SmartBox.

01. Select the channel on which you want to control the heater, then press the PROGRAM button of the remote control.
02. Cut off the heater and SmartBox power for 3 seconds.
03. Restore their power supply for 8 seconds.
04. Disconnect their power supply again for 3 seconds.
05. Restore power normally.

Sequence of reactivation**Confirmation by the SmartBox**

After this sequence, the SmartBox activates the heater for 3 to 5 seconds; the two lights turn red. She then stops it, at the latest after 5 seconds. The control is then recognized by the Situo io.

To perform the sequence, act on the power supply of the SmartBox set and the heater concerned. The cut-off and power-up times shall be respected.

06 / SOMFY IO CONTROLS

Choose power and stop

Select the channel assigned to the heater on the remote control. The duration of the press on the up or down button determines the command sent.

Button	Button press	Action
UP	Short	Turn on 100 %
DOWN	Long	Switch to 50%
UP	Long	Return to 100%
DOWN	Short	Stop heater

Before first use

01. Check that the housing is closed, fixed and powered, and that the two switches on the heater are on ON.
02. Select the assigned channel, then briefly press the up button to select 100%.
03. Press and hold the down button to switch to 50%, then press and hold the up button to return to 100%.
04. Briefly press the down button to turn off the heater after use.

If the control does not respond

Check the selected channel, the io compatibility of the remote control, its batteries and the SmartBox power supply. Also check the ON position of the two heater switches. If necessary, take back the association described on the previous page.

MAINTENANCE AND WARRANTY

Maintain your SmartBox

Case cleaning

Cut the power before cleaning. Wipe the surfaces with a soft, slightly damp cloth. Keep joints, cable inlets and fasteners.

Use only water for cleaning: Alkaline products, soap, surfactants, solvents and alcohol are not suitable for housing surfaces.

Equipment monitoring

Regularly check that the housing is secure and inspect the visible condition of the cables. If damaged or operating abnormally, disconnect the circuit supply and contact Radiant Heater before any repair.

Guarantee

The HEATSCOPE warranty runs for 24 months from the purchase of new equipment. Keep the invoice showing the purchase date and model, as well as the serial number of your SmartBox.

For a request for support, contact Radiant Heater with the case reference, your proof of purchase and a description of the defect. We show you the steps and modalities of a possible return.

The warranty covers the equipment according to HEATSCOPE conditions. Damage caused by improper use, unauthorized repair or the use of non-compliant parts remains outside this coverage.

In the event of repair or exchange, the start date of the guarantee shall remain that of the initial purchase. For any intervention on the electronic card, contact Radiant Heater to arrange a suitable support.

End of use

Disconnect the enclosure permanently at the end of use and direct it to a collection channel for electrical and electronic equipment. Sort the packaging and batteries separately.

YOUR CONTACT

Radiant Heater

For a question about your SmartBox, an accessory request or post-purchase assistance, contact Radiant Heater.

Phone

+33 (0)4 23 15 02 48

Contact us online

www.radiant-heater.com/contact

To facilitate your request

Provide your order number, SmartBox reference and associated heater model. For an installation query, a photo of the assembly and its location helps us advise you more precisely.

Your equipment

SmartBox	SOMFY / io-homecontrol
References	MHS-SBOXS-AB.100 / MHS-SBOXS-WT.100
Control	Compatible Somfy io remote control
Functions	On/off, 50% and 100%

Find the products on our website

Smartbox Heatscope White + Somfy®

Smartbox Heatscope All Black + Somfy®