

Radiocontrol F

The modern way of controlling
underfloor heating systems



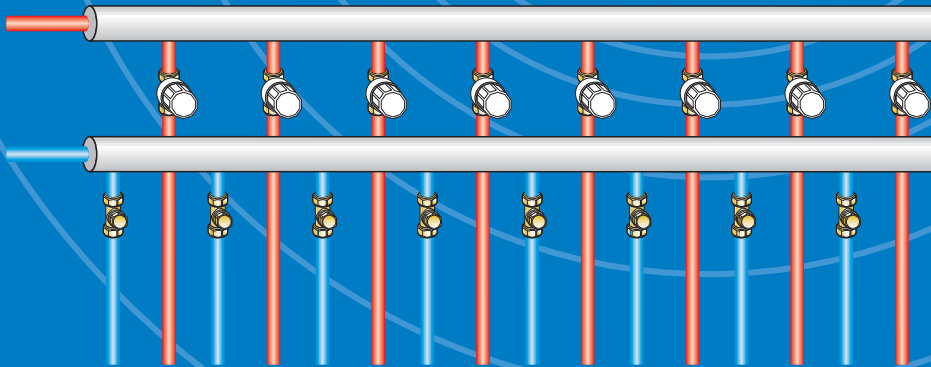
THE

Underfloor heating and individual room temperature control – because of the new Heimeier radio system Radiocontrol F this subject has again become highly topical.

A logical system that offers new possibilities and many advantages for updating existing underfloor heating.

This is because the system of central unit and room transmitters enables the control to be realized very conveniently without chiselling and cabling. And that saves house owners a lot of money and much renovation trouble.

Of course it is also logical that Radiocontrol F is the system of choice for new installations of underfloor, wall or ceiling heating or for cooling.



1.



2.



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8.

SYSTEM

THE APPLICATION



That's how simple it is with Radiocontrol F from Heimeier: every room is fitted with a room transmitter with which the deviation between the set and current temperature is sent to the central unit by radio signals.

The thermal actuators of the heating circuit distributor connected to the central unit take care of individual room temperature controlled by appropriate adjustment of their hot water mass flows.

Only the central unit needs a direct power connection – every single room transmitter gets its energy from a long-life lithium battery.

The "Control Centre" of the Heimeier Radiocontrol F system: there are various designs of the central unit – with and without 7 day programmable digital switch clock.

The switch clock can even be programmed for two separate zones, whereby each a time dependent lowering of approx. 4 K is made.

The 8 output channels of the central unit can be assigned to 8 room transmitters.

Two output channels can be switched as isolated outputs for the control of, e.g., pumps or gas water heaters.

An external aerial can be connected if there are difficulties due to poor reception (e.g. by installation in metal distribution cabinets).



Central unit

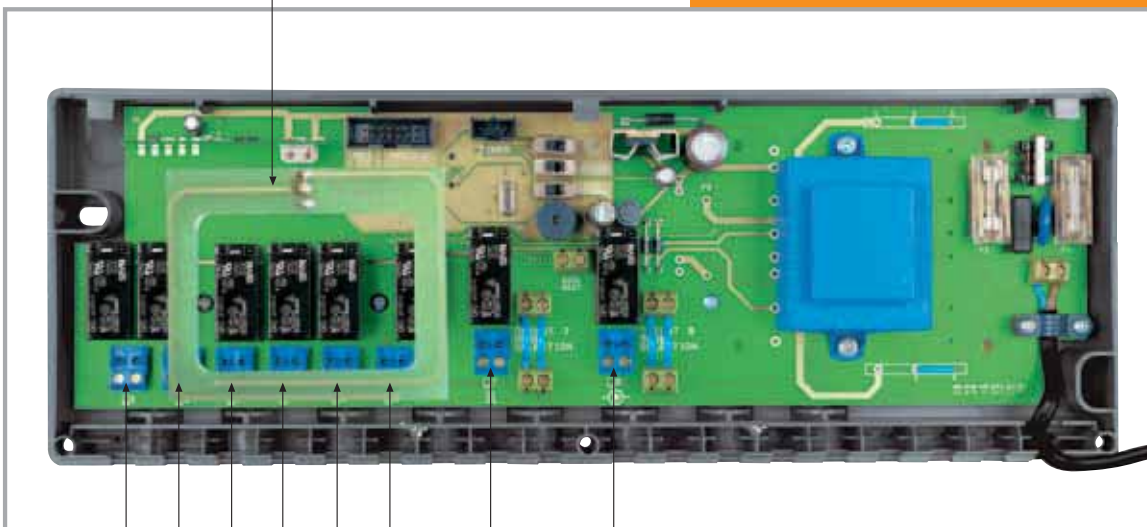
Design	Article no.
without switch clock	1631-00.000
with switch clock	1632-00.000

external aerial	1632-00.000
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Accessories and further information: brochure Radiocontrol F

THE CENTRAL UNIT

Internal aerial



Terminal connectors:

actuators

actuators or isolated

THE ROOM TRANSMITTER



The battery-driven room controllers are two electronic controllers with 2-point action with which the setting can be adjusted between 6 °C and 30 °C. The preferred temperature range can be limited by means of two slide contacts or can be blocked at one given temperature.

An operating mode switch on every room transmitter enables selection of day, given or automatic operating mode. The manual night setting (moon symbol) makes a room temperature reduction of approx. 4° C.



Room transmitter

Article no. 1630-00.000

Accessories and further information: brochure Radiocontrol F

The lithium battery of the room transmitter lasts for at least 5 years operation.

The colour clips or partner clips of the Heimeier thermostatic heads can also be fitted easily to the room transmitters.



Operating mode switch
Slide contacts

COLOUR CLIPS



THE MATCHING ACTUATOR



EMOtec

The central unit receives the radio signals emitted by the room transmitters and converts them into control signals. These control signals are then allocated to the appropriate actuators. Up to 20 actuators can be connected to the central unit, whereas Heimeier's thermal actuator, EMO T, has been ideally adapted for this application.

The 230 V EMO T ON/OFF actuator is required for Radiocontrol F and can be of either currentless open (NO) or currentless closed (NC) type.

Due to the compact design of the EMO T, it is especially suitable for installations into distributor cabinets. Therefore, in conjunction with the Radiocontrol F, an especially useful and practicable solution can be achieved.



Model	230 V
currentless closed (NC)	1807-00.500
currentless closed (NO)	1809-00.500

Accessories and further information:
brochure EMOtec

PUTTING INTO OPERATION



For putting the system into operation assignment of the individual room transmitters to the separate channels of the central unit is necessary. Matching is particularly straightforward with Radiocontrol F.

This is because the central unit and room transmitter have a user-friendly operator interface consisting of keys and LED indicators that enable trouble-free assignment of room transmitters and actuators.

Mixing up is practically impossible because every channel is assigned an LED indicating operating state.






COUPON










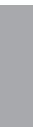
Colour clips free of charge

I would also like to offer my customers suitable colour clips for individual accents of colour and ask you please to send 10 of each Colour-Clip in the colours ticked.

Please send me free of charge the Heimeier partner clip brochure that contains all important information for ordering.

Colour clips can be obtained free of charge from Heimeier in the following colours:

GOLD		
CHROME		
GREEN	RAL 6024	
YELLOW	RAL 1004	
RED	RAL 3003	
BLUE	RAL 5002	
BLACK	RAL 9005	
ORANGE	RAL 2002	
VIOLET	RAL 4008	
GREY	RAL 7035	

<input type="checkbox"/>	GOLD	
<input type="checkbox"/>	CHROME	
<input type="checkbox"/>	GREEN	
<input type="checkbox"/>	YELLOW	
<input type="checkbox"/>	RED	
<input type="checkbox"/>	BLUE	
<input type="checkbox"/>	BLACK	
<input type="checkbox"/>	ORANGE	
<input type="checkbox"/>	VIOLET	
<input type="checkbox"/>	GREY	

Printed colours cannot exactly reproduce the original colours shades



The colour clip also matches all current variants of the thermostatic heads K and thermostatic head VD from Heimeier.

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GmbH & Co.KG
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Name, First name

Company

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Postcode, Place

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