Intelligent remote control for heating and cooling regulation
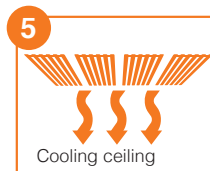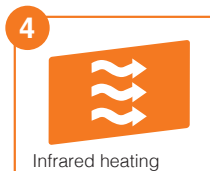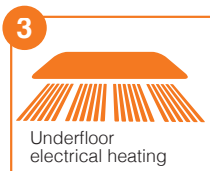
Smart controlling with b@home
Intelligent remote control operation for heating and cooling systems

b@home - the clever way to control heating and cooling systems from anywhere and at any time through the new alre b@home Gate. alre wireless systems, both existing and yet to be set up, can be controlled via the internet or home network: simply using a free app (iOS/Android) or via web PC/notebook browser. The intuitive, simple operation can access rooms individually or centrally, and can optimise energy consumption.

On completion of a one-time registration process on the b@home portal, the user will have secure access to the radio system from any location. Access is also possible without an Internet connection using a local home network. The b@home gate is the interface between the alre radio system and the WLAN-/LAN-router.
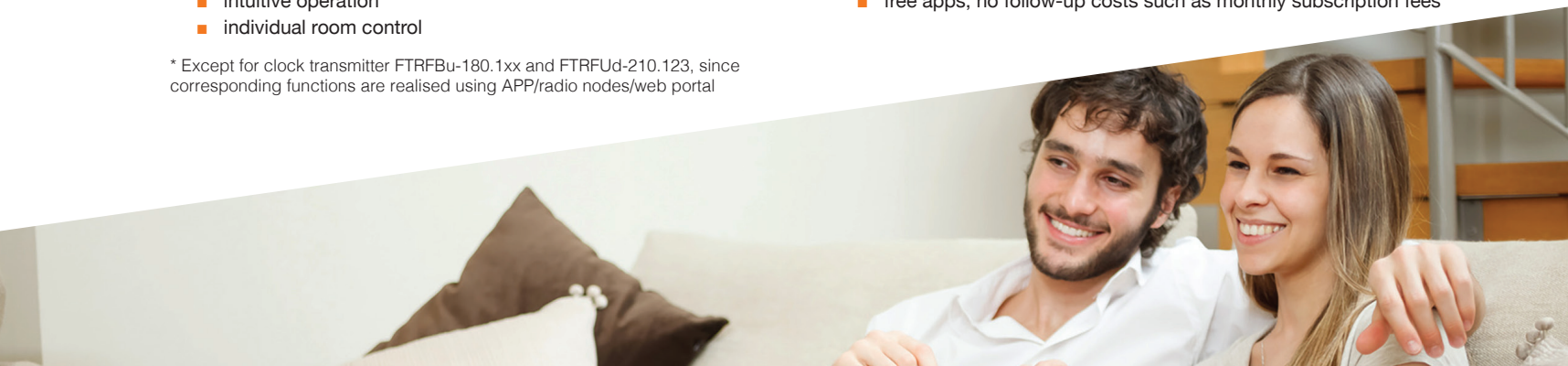
The optional b@home control unit offers centralised access to the settings for all channels and heating/cooling zones.
It can also be used as a room temperature sensor with a timer, and as a control unit. It is compatible with all standard switch programmes.

1 Radiator	2 Underfloor warm-water heating	3 Underfloor electrical heating	4 Infrared heating	5 Cooling ceiling	6 mobile Radiator

All options and advantages at a glance

- secure control, monitoring and programming of the hot/cold system from any location
- up to 32 rooms or hot/cold zones
- fast and easy commissioning
- intuitive operation
- individual room control

- suitable for all types of heating
- a variety of mobile terminal equipment usable
- an internet connection is not required for the control function
- upgradeable in existing alre wireless systems*
- free apps, no follow-up costs such as monthly subscription fees

* Except for clock transmitter FTRFBu-180.1xx and FTRFUd-210.123, since corresponding functions are realised using APP/radio nodes/web portal

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b@home
by **alre**

b@home-Gate

Type: MGCBB-064.360
Function: the wireless room temperature management system, interface between alre radio system and WLAN-/LAN-router surface-mounted, network cable to connect to router and mains adapter for power supply are included in delivery

The b@home app: available free for iOS and Android

b@home-control panel

Type: diverse variants (pict. FTRCUd-210.021#21)
Function: radio room temperature sensor to record and set the room temperature including control panel for further active channels, changes made using with b@home app or b@home portal are displayed, flush-mounted 230V~, fits all common switch programmes thanks to diverse variants (50 x 50 mm, 55 x 55 mm, pure white, traffic white, pearl white, matt, glossy)

Sensor

Type: FTRFB-280.101
Function: radio sensor to record the room temperature, surface-mounted super flat, batteries included in delivery

Type: FTRFB-280.119
Function: radio sensor to record the room temperature, surface-mounted super flat, batteries included in delivery

Actuators

Type: diverse variants (pict. HTFRL-214.140)
Function: multi-channel radio temperature controller (Heating) for installation in the heating circuit manifold, 4-channel or 8-channel, including pump module, IP 20 or IP 65, 230V~

Type: diverse variants (pict. KTFRL-315.125)
Function: multi-channel radio temperature controller (Heating/Cooling) for installation in the heating circuit manifold, 4-channel or 8-channel, includingpump module, IP 20 or IP 65, 230V~

Type: HTFMA-180.161
Function: 1-channel wireless temperature controller for radiator valves, connection M30 x 1.5, adapter for Danfoss RA, RAV, RAVL and batteries included in delivery

Type: HTFRB-010.101
Function: 1-channel wireless temperature controller, surface-mounted, 3000W switching capacity (e.g. electric heating systems), 230V~

Type: HTFRU-110.124
Function: 1-channel wireless temperature controller for flush-mounting in junction box, optional external sensor for floor temperature control or floor temperature monitoring, 230V~

Type: HTFRU-010.101
Function: 1-channel wireless temperature controller for e.g. natural stone heaters, fllush-mounted, 230V~

Type: HTFRA-010.101
Function:1-channel wireless temperature controller with Schuko adapter for mobile heaters, 3000W switching capacity (e.g. electric heating systems), 230V~

Repeater

Type: MRCOA-014.201
Function: Repeater to directly increase range between sensors, actuators and b@home gate (except HTFMA-180.161 and FTRCUd-210.021), no installation effort and simplest handling by operating at any socket