alre

b@home - smart control with alre

**Intelligent solutions
for intelligent buildings**

b@home
by alre

Smart control with b@home
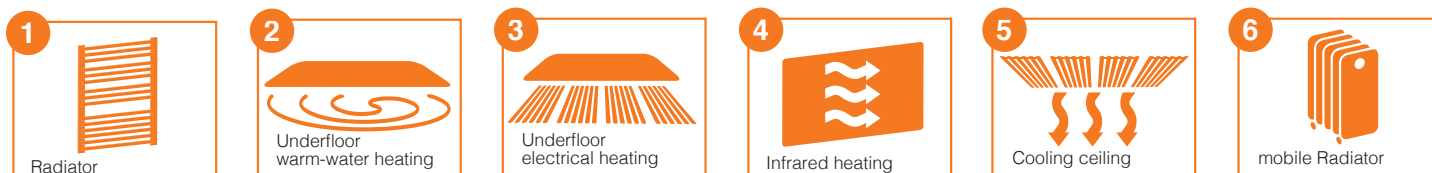### Intelligent remote control for heating and cooling systems

Smart control for smart people.

With the b@home system by alre, it is possible to control and monitor your heating and cooling systems at any time and from any location. Regardless if you're using your smartphone/tablet app or standard browser - the intuitively straight forward operation permits individual or central regulation of rooms. It's also very easy to operate the b@home system with a remote control: If you are not at home either externally via the internet or locally via your home network. These control options you can choose according to your requirements not only offer the highest level of comfort but also improves energy consumption, e.g. by switching off the heating system when window is open.

The b@home gate is the key component of the b@home system and serves as an interface between the alre wireless system and the WLAN-/LAN-router. It is possible to upgrade exisiting alre wireless systems. The optional b@home control unit provides central access to all channels and heating/cooling zones. It can be used as a central or room control unit and is compatible with all common switch programs.

The apps are free and there are no follow-up costs. Furthermore several details provide a simple installation and quick setup of the b@home system.

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

Smart control at home without the internet

Anmelden am System

Gate
b@home
by alre

**Control and monitor heat/cooling systems on your home network via LAN/WLAN
(no internet connection required)**

The b@home system can be easily operated and programmed on your home network, without an internet connection using a suitable terminal device (app). Data and configuration parameters are only stored locally on the b@home gate. The b@home system control unit can also be used at any time independent of smartphones or tablets.

child's room

bedroom

living room

Smart control from any location via the internet

Router

Portal
b@home by alre
www.klimaregler.de

Klimaregler.de

Control and monitor heat/cooling systems at any time and from any location via the internet

Once registration has been completed in the b@home portal, the b@home system can be operated and programmed at any time and from any location via the internet. The control function is maintained even if the internet connection is interrupted. It's therefore still possible to operate the system via the home network. Of course data and configuration parameters will neither be further proccessed nor passed on to third parties.
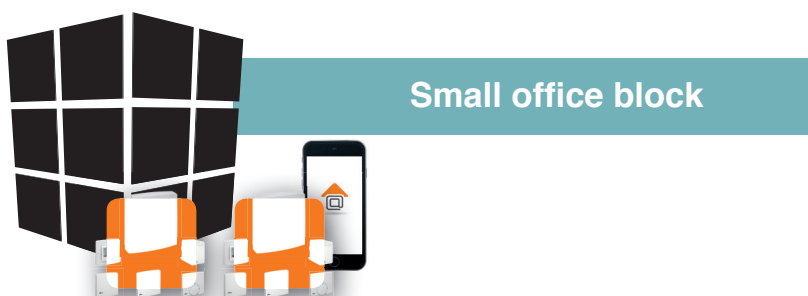
bathroom

kitchen

In all sizes and with plenty of information

Scalability of the b@home system

Large office block

Small office block

One of the advantages of the modular Smart Home solu-
tion from alre is its excellent scalability. This Smart Home
System allows you to automate an individual home as
well as commercial premises - anything from small office
blocks right through to an entire industrial complex.

Private residence

Plenty of information and much to see

**Here you will find all the information that you want and need as well
as films that you can show to your customers:**

b@home website   b@home product film   b@home installation film   alre website

The b@home concept - modular and complete

The remote controlled b@home components at a glance:

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 (pictured 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)

Sensors

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

Type: MBAFA-081.200
Function: radio contact sensor to detect open windows/doors, battery included in delivery

Actuators

Type: diverse Variants (pictured HTFRL-214.140)
Function: multi-channel radio temperature actuator (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 (pictured KTFRL-315.125)
Function: multi-channel radio temperature actuator (Heating/Cooling) for installation in the heating circuit manifold, 4-channel or 8-channel, including pump module, IP 20 or IP 65, 230V~

Type: HTFMA-180.161
Function: 1-channel wireless temperature actuator 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 actuator, surface-mounted, 3000W switching capacity (e.g. electric heating systems), 230V~

Type: HTFRU-110.124
Function: 1-channel wireless temperature actuator 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 actuator for e.g. natural stone heaters, fllush-mounted, 230V~

Type: HTFRA-010.101
Function:1-channel wireless temperature actuator 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

alre

ALRE-IT REGELTECHNIK GMBH
Richard-Tauber-Damm 10
12277 Berlin

Phone: +49(0)30 399 84 0
Fax: +49(0)30 391 70 05
Internet: www.alre.de
E-mail: mail@alre.de