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 standard PC/notebook browser. The intuitive, simple operation can access rooms individually or centrally, and can optimise energy consumption.

After a one-off registration on the b@home portal, the user can access the wireless system from anywhere via a https connection. This is also possible without an internet connection via WLAN/LAN. The b@home Gate is the interface between the alre wireless system and the WLAN/LAN router.

The wireless room temperature sensor FTRCUd-210.021 is the central access point to the settings of all channels or hot/cold zones. It can also be used as a room temperature sensor with clock and actuator, and works with all conventional switches.

An overview of all options and advantages

- 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
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

**b@home-control panel**
- **Type:** diverse variants (pictured FTRCU4-210.021#55)
- **Function:** Radio transmitter with timer 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)

**Transmitter**
- **Type:** FTRFB-280.101
  - **Function:** Radio transmitters to record the room temperature, surface-mounted super flat, batteries included in delivery
- **Type:** FTRFB-280.119
  - **Function:** Radio transmitters to record the room temperature, surface-mounted super flat, batteries included in delivery
- **Type:** FTRFB-280.120
  - **Function:** Radio transmitters to record and set the room temperature, switch "Komfort / ECO", surface-mounted super flat, batteries included in delivery
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**Transmitter**
- **Type:** FTRFB-280.101
  - **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~
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  - **Function:** Multi-channel radio temperature controller (Heating/Cooling) for installation in the heating circuit manifold, 4-channel or 8-channel, including pump module, IP 20 or IP 65, 230V~
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**Transmitter**
- **Type:** CTRFB-010.101
  - **Function:** 1-channel wireless cooling controller for e.g. cooling ceilings, surface-mounted, 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:** HTFRA-010.101
  - **Function:** 1-channel wireless temperature controller with Schuko adapter for mobile heaters, 3000W switching capacity (e.g. electric heating systems), 230V~