

Room Controller Touch 2.0 Release Notes

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Software update

The Room Controller Touch software 2.0 is included in MRF release 2.67 or higher.

The software update process for the Room Controller Touch is described in the MRF 2.56 or higher.

Important! Remove the batteries or disconnect the external power supply from the Room Controller Touch before connecting the device to your PC/Laptop.

General Software – new features

Stand-by display

Last selected menu will stay visible on display in stand-by mode, e.g. it does not go back to temperature menu by default.

Floor temperature

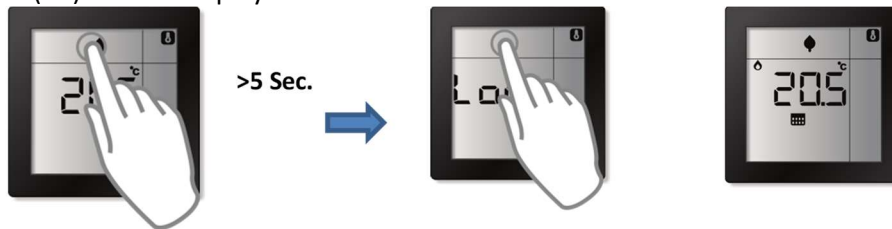
When the external PT1000 temperature sensor is connected and used as floor temperature sensor the floor temperature can be made visible on the display



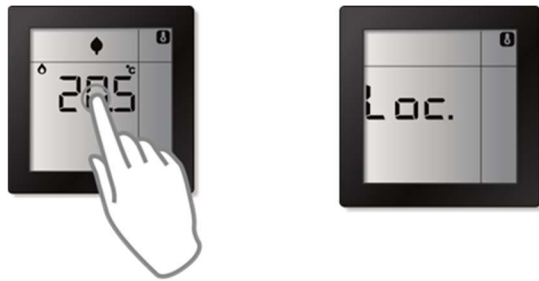
Child protection

Possible to lock the display for any operation. When touched it will shortly show 'Loc.' and return to stand-by display.

To (un)lock the display:



When locked:



Temperature drop

When there is a quick temperature drop, e.g. 0.5 within 2 min, it is assumed that this is caused by a door/window that is open. To prevent energy waste the heating is switched off automatically for 15min. This can be override, back to heating, by pressing the display.

General Software – operations simplified

Less information on display

Information for not used functions is no longer shown on the display. For example, if no cooling actuator assigned then the cooling setting/options are not visible.

Leave sub-menu

Submenus can now also be left by pressing top right corner of display in addition to 'after timeout'. When pressed it will return to the highest (main) level of the menu.

Regulation always active

Regulation cannot be switched off and is always active. If both heating and cooling actuators are connected there is still the option to switch between either 'heating', 'cooling' or 'heating&cooling'. If only one actuator is connected, then that regulation is always active.

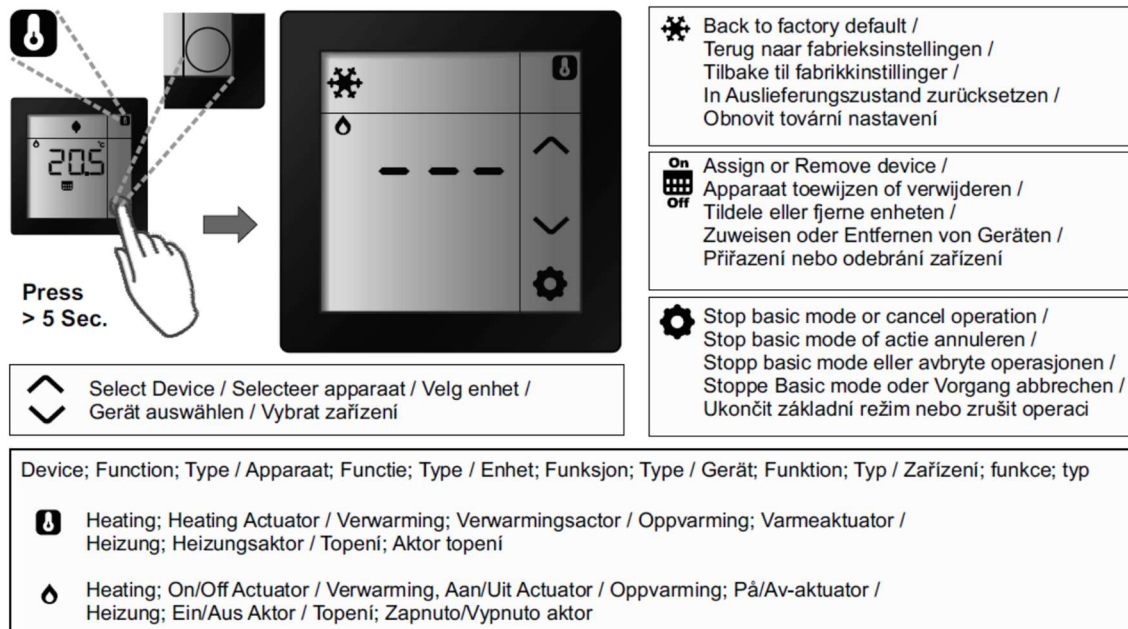
Leave edit

When leaving edit menu, it will return to the main menu

Basic mode – improvements

Basic mode menu

The basic mode menu has been simplified. In basic mode only heating actuators can be connected and removed. When entering basic mode only one selection needs to be done, whether a heating actuator (temperature messages) will be connected or switching actuator (ON/OFF messages). The option to set the device back to factory default is also still available.



Press > 5 Sec.

	Back to factory default / Terug naar fabrieksinstellingen / Tilbake til fabrikkinstillinger / In Auslieferungszustand zurücksetzen / Obnovit tovární nastavení
	Assign or Remove device / Apparaat toewijzen of verwijderen / Tildele eller fjerne enheten / Zuweisen oder Entfernen von Geräten / Přirazení nebo odebrání zařízení
	Stop basic mode or cancel operation / Stop basic mode of actie annuleren / Stopp basic mode eller avbryte operasjonen / Stoppe Basic mode oder Vorgang abbrechen / Ukončit základní režim nebo zrušit operaci

Device; Function; Type / Apparaat; Functie; Type / Enhet; Funksjon; Type / Gerät; Funktion; Typ / Zařízení; funkce; typ	
	Heating; Heating Actuator / Verwarming; Verwarmingsactor / Oppvarming; Varmeaktuator / Heizung; Heizungsaktor / Topení; Aktor topení
	Heating; On/Off Actuator / Verwarming, Aan/Uit Actuator / Oppvarming; På/Av-aktuator / Heizung; Ein/Aus Aktor / Topení; Zapnuto/Vypnuto aktor

Week Program

A pre-defined week program is available, which is similar to the week program in the Wireless Heating package. This program can be enable/disable and reprogrammed by the end-user.

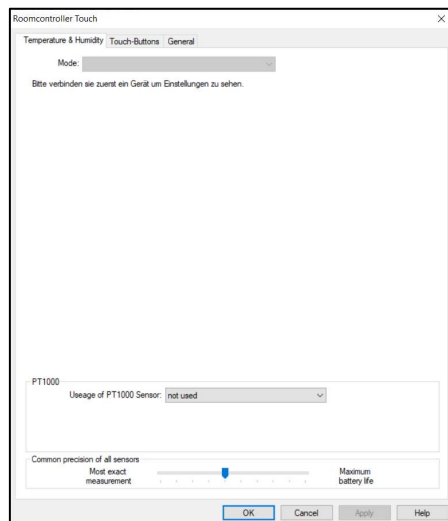
Event Mode	Event 1 Day	Event 2 Eco	Event 3 Day	Event 4 Eco
Mo	6:00	8:00	14:00	23:00
Tu	6:00	8:00	14:00	23:00
We	6:00	8:00	14:00	23:00
Th	6:00	8:00	14:00	23:00
Fr	6:00	8:00	14:00	23:59
Sa	8:00	23:59		
Su	8:00	23:00		
Su	8:00	23:00		

Comfort Mode (MRF) - improvements

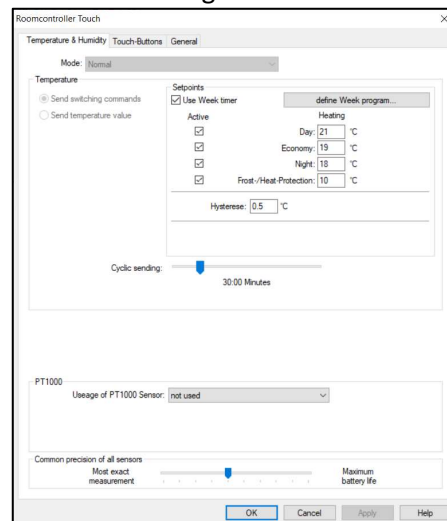
Settings menu

The setting menu, in MRF, only shows the relevant functions/fields based on the connected device

No connections



Heating connected



Heating & Cooling

The screenshot shows the 'Roomcontroller Touch' window with the 'Temperature & Humidity' tab selected. The 'Mode' is set to 'Normal'. Under 'Temperature', the 'Send switching commands' option is selected. The 'Setpoints' section shows a 'define Week program' table with settings for Day, Economy, Night, and Frost/Heat Protection for both Heating and Cooling. The 'Hysteresis' is set to 0.5 °C and the 'Heating/Cooling Dead Zone' is set to 2 °C. The 'Cyclic sending' is set to 30:00 Minutes. The 'PT1000' section shows the 'Usage of PT1000 Sensor' as 'not used'. At the bottom, there is a 'Common precision of all sensors' slider set to 'Most exact measurement'.

Heating & Cooling & Humidity

This screenshot is similar to the previous one but includes the 'Humidity' section. The 'Set value' is set to 50 % and the 'Hysteresis' is set to 5 %. The 'Air is being' section has two options: 'moisturized' (selected) and 'dried'. The 'Cyclic sending' is set to 30:00 Minutes. The 'PT1000' section shows the 'Usage of PT1000 Sensor' as 'not used'. The 'Common precision of all sensors' slider is set to 'Most exact measurement'.

Week Program

The week program is pre-configured

Humidity control

It is possible to set when the ventilation should be active. Either in case the actual humidity is lower (air should be moisturized) or higher (air should be dried) than defined set-point.

This close-up shows the 'Humidity' section. The 'Send switching command' option is selected. The 'Set value' is 50 % and the 'Hysteresis' is 5 %. The 'Cyclic sending' is 30:00 Minutes. The 'Air is being' section has two radio buttons: 'moisturized' (selected) and 'dried'.

Touch Buttons

The default mode for the touch buttons is '1 x Single rocker'

Temperature sensor

The external PT1000 connected temperature sensor can be used to override internal temperature sensor

The screenshot shows the 'PT1000' section with the 'Usage of PT1000 Sensor' dropdown menu open. The menu options are: 'not used' (selected), 'not used', 'internal floor sensor', 'normal temperature sensor', 'Outdoor temperature sensor', and 'Override internal temperature sensor'.