

# Touch Control R - Radiant Heating



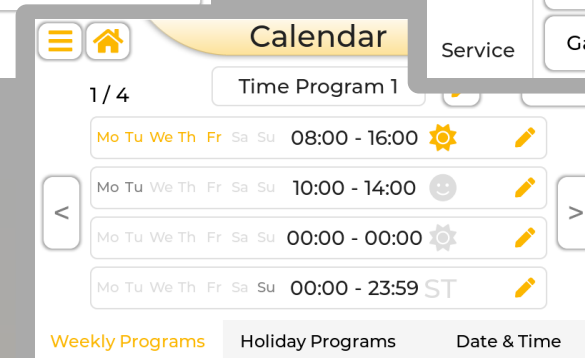
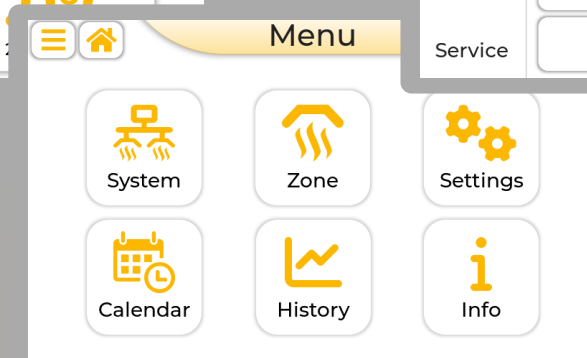
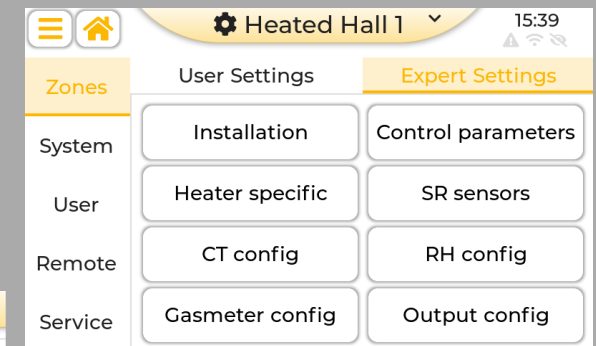
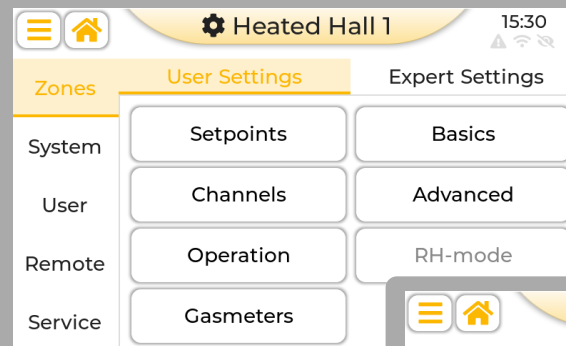
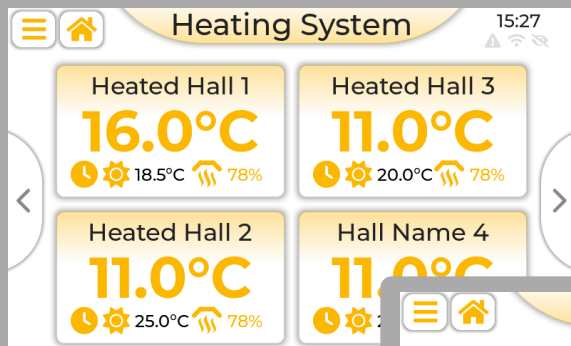
**Touch Control - front panel**

- Decades of experience with radiant heating
- Successor of the well known R-Z family
- Tens of thousands of radiant controllers installed
- From the simplest to the most complex systems
- Central unit with one heating zone included
- Expandable up to 10 zones with z-modules
- CAN bus for internal communication
- Modulation control is standard feat.

- Configurable inputs and outputs
- Relay/0-10V/Modbus controlled heaters
- Meterbus connection for gasmeters
- Optional BMS module (Modbus 485/TCP)
- Optional CM-Net module (webserver, datalog)
- BMS - BACnet module coming soon...
- Customizable operation depending on quantity
- Customizable hardware (d.o.q.)

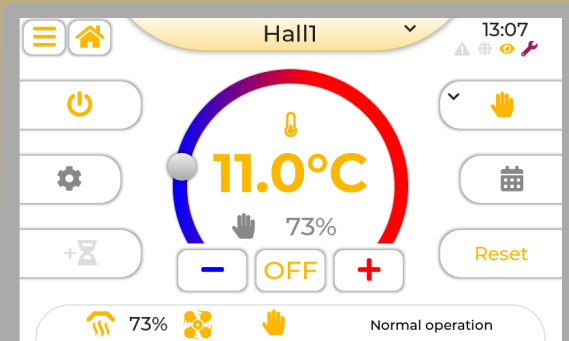
- 5" capacitive IPS touch panel
- Truly intuitive graphical user interface
- Smartphone-like, easy navigation
- User and Service PIN levels
- Simplified software update (wifi or SD)
- Easy software-based installation
- Error and event log is standard feat.
- Gasmeter & customizable counters

- Selectable language (EN/DE/HU)
- More languages can be added
- Service screen - "quick panel"
- Adjustable display lockout time
- Default screen selection
- Preprogrammed with default settings
- Service and manual info on screen
- Customizable UI elements (d.o.q.)



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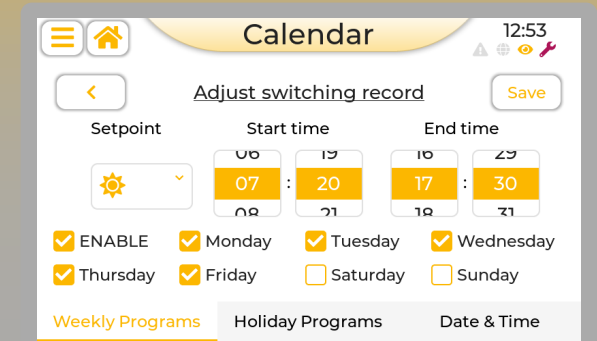
Some examples of the new features and possibilities: despite the many new options, both user and technician experience is significantly improved



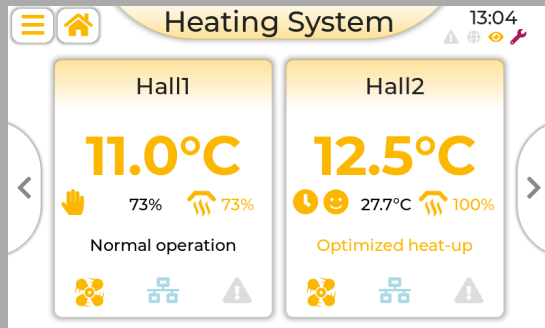
*New operation mode: manual output levels*



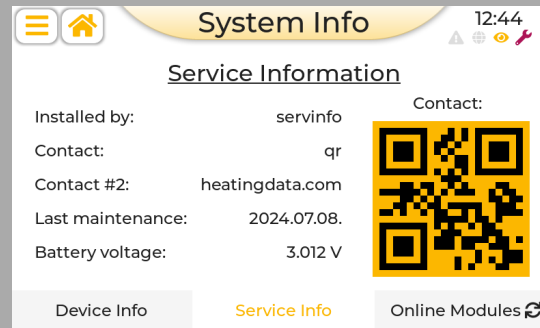
*Max. 4 heater groups (channels) in each zone*



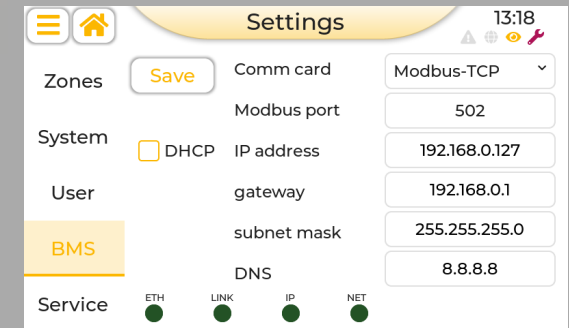
*Timeprogram editing has never been so easy*



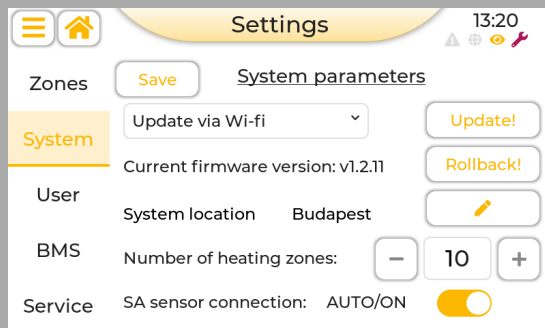
*Clear-cut, informative graphical UI*



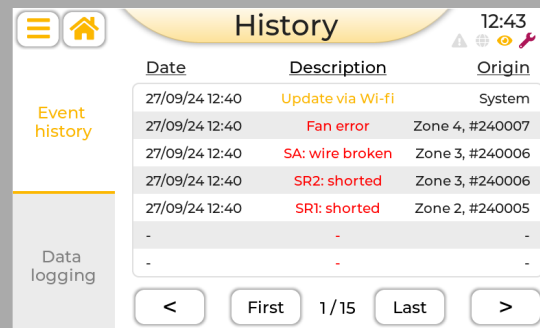
*Multiple editable contact info on the screen*



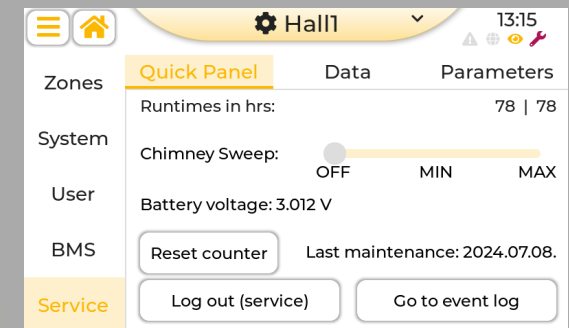
*State of the art BMS and IoT accessories*



*Remote firmware update via Wi-fi or SD card*



*Event and error log with timestamps*



*Customizable panel: a help for the technician*

For more information, more new features and any questions, please contact us or ask for a more the device catalogue with more details.

# Touch Control R - Radiant Heating

Zone modules, up to 10-zone systems

Integrated or external BMS modules

Flexibility: future developments, extension modules

Optional Meter-bus input for gasmeters

Gasmeter data displayed on screen

Custom counter with manual or periodic restart, & history

Easy, industrial standard BMS integration

Modbus TCP/IP or Modbus RS-485

Communication module range - optional accessory

CM-Net module: webserver, smartphone access, datalogging (SD)

**CANBus**

**M-Bus**

**Modbus**



Capacitive touch screen, smart UI elements

Most advanced chipsets used

5" high-resolution IPS display: exceptional quality



1-stage, 2-stage, or Modulation control

Heater specific timers, settings

3x standard setpoints, 10x timeprograms, Manual power



Heat-up optimization: self-learning controller

Relative Humidity mode

Antifreeze limit, Overtime mode, Holiday mode

Remote software update (Wifi/SD), Event & Error log, Service screen

## Input and output configuration: customizable contact input and relay output operations

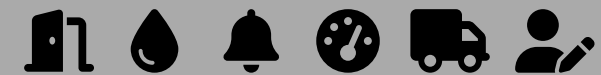
3x relay outputs / zone



- Fan enable
- Central Fan enable
- Error signal

- Reset clear
- Copy relay
- Input-triggered

4x contact inputs / zone



- Fan feedback
- Central fan feedback
- RH-limit signal
- Gasmeter impulse counter
- Relay-enable input

- Gate signal
- Crane/Truck proximity
- Zone alarm
- System alarm
- Custom response