

# Roth Touchline® SL Plus room thermostat

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The thermostat comes in white with a large temporary backlit LCD display with, protected by a transparent polycarbonate plate. The power supply is 2 x AAA 1.5V batteries. The temperature is easily set with the two touch buttons (∨/∧) and the menu button (☰) gives you access to more advanced settings. The “back” button is used for returning from menus.

This thermostat can also be connected with a wired sensor for controlling the floor temperature. The thermostat is also equipped with a humidity sensor to monitor the humidity in the room which is important when you run your installation in cooling mode.

The thermostat is compatible with all generation Roth Touchline® SL controllers.



### Technical data

Roth Touchline® SL Plus room thermostat	HVAC No. 7466397190
Supply voltage	2 pcs. AAA 1.5V
Battery life	> 2 years (floor sensor > 4 years)
Power consumption standby	~ 50uA
Room temperature, setting range	+5 - + 30°C
Comfort floor temperature, setting range	+15 - + 30°C
Floor temperature, max. setting range	+26 - + 35°C
External floor sensor	NTC 10k B = 3435K (2,5 m)
Accuracy (resolution)	± 0.5 K.
Time constant (time delay)	Approx. 4 min.
Activation time (wake-up time)	< 2 sec.
Max. forced update time for data from control box	10 sec.
Standby display without operation	Max. 5 sec.
Standby by program. at user level	3.5 sec.
Transmission frequency	868 MHz
Range up to	30 m (ordinary building)
Ambient temperature	0 - 55°C
Ambient humidity	Max. 80% RF
Degree of protection	IP20 (EN60529)
Approvals	CE 2014/53/EU

