Time/Date/Temperature - Digital clocks

DT Series

The elegant and slim digital clock shows not only the exact time but also air and/or water temperature.

It can be installed indoor or outdoor and is therefore the ideal clock for out- and indoor swimming pools, ski resorts, spas, public buildings, etc.

This clock is equipped with extra bright LED's and a sensor is adjusting the brightness automatically. Therefore, it provides an excellent readability from different angles.

Your benefits at a glance:

- excellent readability
- integrated sensor for automatic brightness adjustment
- different colors for each single row available
- autonomous, quartz controlled time base with the possibility of synchronization by DCF 77 or GPS signal
- automatic seasonal time change
- remote control unit included

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DT Series - individual variants

Display Features

- 7-segment display of high luminance
- excellent readability from various angles of view even on direct sunlight
- Digit height of 100, 100/57 and 180 mm
- possibility of automatic brightness control with integrated light sensor
- display of time and outside temperature
- display of time, inside and outside temperature

- display of time, inside and outside temperature as well as water temperature
- display of time, two different water temperatures (two different pools) and indoor temperature
- display of time and two different water temperatures (pools)
- colors to choose of: red, blue, yellow, pure green, white
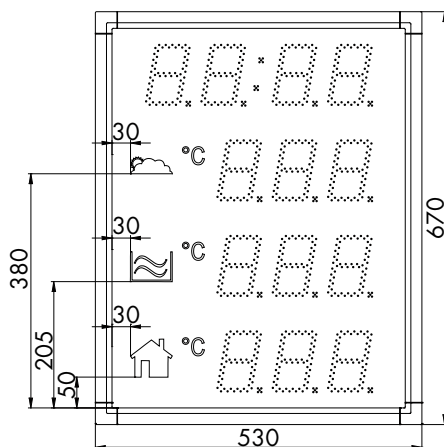- different colors for every single indication possible

Mechanic

- single-sided, wall mounting
- slim display frame made of aluminum profiles with powder coated finish in RAL 9005 (black) as standard, any other RAL color on request
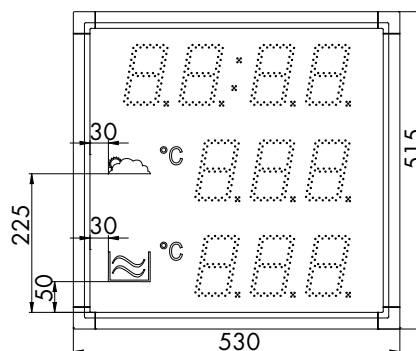- Protection degree IP 65

Operation / Synchronization

- autonomous quartz time base with the possibility of synchronization by means of the DCF 77 radio signal or GPS 4500
- automatic seasonal time change
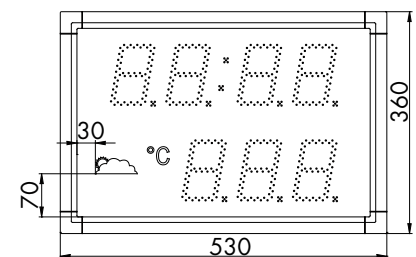- Remote control for easy access to all functions and for the configuration
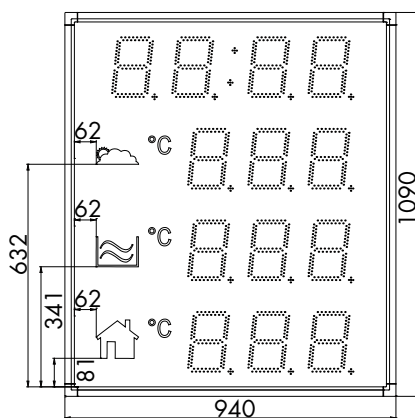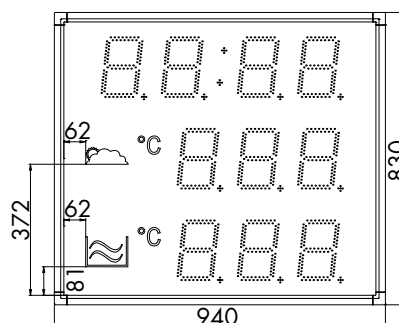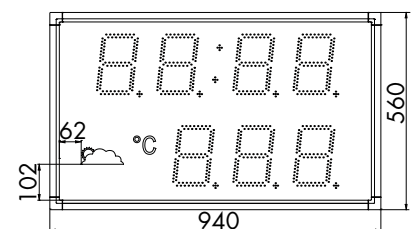
DT.100.1CR.3TR

DT.100.1CR.2TR

DT.100.1CR.1TR

DT.180.1CR.3TR

DT.180.1CR.2TR

DT.180.1CR.1TR

Order reference - DT clocks

DK	•	1	•	2		3	•	4	•	5	•	6	•	7	•	8

Height of digits	**1**
100 mm (height of all digits)	100
100/57 mm (100 mm for time/date, 57 mm for temperature)	100/57
180 mm (height of all digits)	180
Time/Date Display	**2**
Number of time displays	1 - 2
Time/date display	C
Display color	**3**
red	R
blue	B
yellow	A
pure green	PG
white	W
Temperature Display	**4**
Number of temperature displays	1 - 3
Temperature display	T
Display color	**5**
red	R
blue	B
yellow	A
pure green	PG
white	W
Display layout	**6**
vertical	V
horizontal	H
anti-reflective front glass finish	AR
Display design	**7**
single-sided	N
double-sided	D
Mounting	**8**
wall mounting (for single-sided displays only) (conventionally 5, 10, 30, 50 cm)	N
ceiling suspension	S
wall bracket	B
Option	
powered by 24 VDC	VDC
frame color, on request	RAL xxxx
Accessories	
GPS receiver	GPS 4500
DCF 77 radio signal receiver	DCF 4500
IR remote control (included)	IR
temperature sensor, IP 65, cable 3 m	TP 3 m
temperature sensor, IP 65, cable 30 m	TP 30 m
temperature sensor, power supply 12 VDC, without cable (max. length of cable 1200 m)	TP RS458
temperature sensor with Ethernet interface power supply 5 VDC, cable between sensor and interface 3 m (max. 20 m)	TP LAN

(3) 1 - 2 times repeated

(5) 1 - 3 times repeated

Ordering example:

DT.100.1CR.2TR1TPG.V.N.N
1 pc TP 3 m
2 pcs TP 30 m

Display DT, digit height 100 mm, 1 row displays time in red, 3 rows display temperatures, two in red, one in pure green, vertical layout, single-sided, wall mounting, one temperature sensor IP 65, with cable 3 m, two temperature sensors IP 65, with cable 30 m. IR remote control unit included.

Notice:

You can choose between different kind of color for each single row. Write down the color in the according order.

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DT-Series - Technical details

Technical Data		DT.100.1C.1T DT.180.1C.1T	DT.100.1C.2T DT.180.1C.2T	DT.100.1C.3T DT.180.1C.3T	DT.100.2C.1T DT.180.2C.1T	DT.100.2C.2T DT.180.2C.2T	DT.100/57.1C.2T
Digit height		100 mm or 180 mm according to version					100 / 57 mm
Display color		red / blue / yellow / pure green / white					
Number of rows		2	3	4	3	4	3
Time / Date Display 1		✓	✓	✓	✓	✓	✓
Time / Date Display 2					✓	✓	
Temperature display 1		✓	✓	✓	✓	✓	✓
Temperature display 2			✓	✓		✓	✓
Temperature display 3				✓			
Power supply	AC standard	100 - 240 V~, 50 - 60 Hz					
	DC on request	24 V = ± 20 %					
Power consumption	DT.100	20- 30 VA	30 - 45 VA	40 - 60 VA	30 - 45 VA	40 - 60 VA	28 VA
	DT.180	30 - 46 VA	45 - 69 VA	60 - 92 VA	45 - 69 VA	60 - 92 VA	
Quartz accuracy at 20°C, without synchronization		± 0.1 s/day					
Temperature accuracy	-55 to -10°C	± 2°C					
	-10 to +85°C	± 5°C					
	+85 to +99,5°C	± 2°C					
Operating temperature		-25 to +60°C, (0 to 95% relative humidity, non-condensing					
Range of measured temperature		-55 to +99,9°C					
Protection degree		IP 65					
Weight [kg] (approx.) (length x height x depth)	DT.100	9.5	13.5	17	13.5	17	8.5
	DT.180	24	35	44	35	44	
Dimensions [mm] (approx.) (length x height x depth)	DT.100	530 x 360 x 60	530 x 530 x 60	530 x 700 x 60	530 x 530 x 60	530 x 700 x 60	500 x 446 x 60
	DT.180	940 x 560 x 60	940 x 830 x 60	940 x 990 x 60	940 x 830 x 60	940 x 990 x 60	
Accessories							
Remote control (included)		✓	✓	✓	✓	✓	✓
GPS 4500 receiver		✓	✓	✓	✓	✓	✓
DCF 77 radio signal receiver		✓	✓	✓	✓	✓	✓
TP 3 m, temperature sensor of IP 65, cable length 3 m		✓	✓	✓	✓	✓	✓
TP 30 m, temperature sensor of IP 65, cable length 30 m		✓	✓	✓	✓	✓	✓
TP 485, temperature sensor, with RS 485 interface, power supply 12 VDC, without cable (max. length of cable 1200 m)		✓	✓	✓	✓	✓	✓
TP LAN, temperature sensor with Ethernet interface, power supply 5 VDC, standard length of cable between sensor and interface 3 m (max. 20 m)		✓	✓	✓	✓	✓	✓