



**ClockMasters**  
Australia Pty Ltd

#### LED Digital Clock

The clock displays simultaneously an information about time and date. The date information can be displayed in one of 16 languages. One single display unit can be selected to alternate between 3 different languages. «



#### The Clock

- display of time (either 12 or 24-hours time cycle), in either a four-digit form (HH:MM) or six-digit form (HH:MM<sup>SS</sup>)
- display of day of week – 3 characters display of month – 8 characters
- temperature indication (if a temperature sensor is connected) in °C or °F, possibility of displaying one or two temperatures (two temperature sensors), and description
- possibility of alternating display between date and temperature, with adjustable period of displaying the corresponding data
- possibility of setting up the time zone, the display can cycle between up to five different places and display actual time and city name

#### Stopwatch

- counting upwards from zero, up to 24 hours
- counting downwards from a specified value, with stop at zero, with automatic restart or counting into minus values
- display of intermediate time values, “freezing” of display, cumulated intermediate time
- counting in steps of 1 minute, 1 second or 1/100 seconds
- operation via keyboard or remote IR controller
- possibility to connect another display unit
- possibility of parallel switching over into the time/date or temperature display mode

#### Basic properties

- digits of 57 mm height, which corresponds to readability distance of 25 m
- the letters 30 mm high

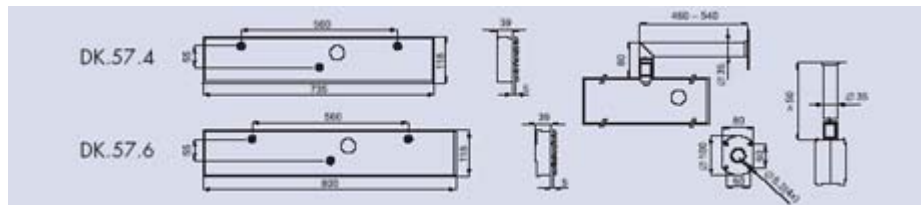
- digits in red or green colour
- manual or automatic adjustment of the display brightness
- anti-glare front side cover, made of plexi-glass, which prevents the occurrence of reflections and improves the readability
- single- or double-sided execution, for wall mounting (only single-sided clocks), ceiling suspension or wall bracket mounting
- structural depth of 39/78 mm for clocks of single-/double-sided design, respectively
- clock frame made of anodized aluminium profiles in black or silver colour any RAL colour tone or imitation of various materials (wood, marble) on request
- adjustment of clock parameters using two pushbuttons on the upper side of the clock frame, or through remote controller
- protection degree IP 54 optionally
- digits in blue or yellow colour on request

### Synchronization

- autonomous operation with internal quartz time base (automatic seasonal time change) or with external DCF 77 radio time code receiver (DCF 450, GPS 4500)
- slave clock operation with synchronization by polarized minute-impulses (24 V). Alternatively self-setting operation by MOBALine code. Optional available is the synchronization by RS 232, RS 485, IRIG-B or NTP (LAN)

### Dimensions

- removable rear cover, serving also as an anchor plate. The cover incorporates terminal board and provides for an easy assembly in two steps
- ceiling suspension pieces in various lengths (5; 10; 30; 50 cm), according to the clock type



### Order reference

Digits height	Order reference:	DK	57	6	R	N	N	black	SI
57 mm	57								
<b>Number of digits to display time</b>									
four digits	4								
six digits	6								
<b>Display color</b>									
red	R								
green	G								
<b>Clock design</b>									
single-sided	N								
double-sided	D								
<b>Mode of assembly</b>									
Wall mounting [for single-sided clocks only]	N								
Ceiling suspension [normally 5, 10, 30, 50 cm]	S								
Wall bracket	B								
<b>Case finish</b>									
Black anodised	black								
Silver anodised	silver								
other RAL colour on request	RALxxxx								
<b>Options</b>									
built-in RS 232, RS 485, IRIG-B interface	SI								
built-in Ethernet interface	LAN								
<b>Accessories</b>									
temperature sensor	DC.TP								
two temperature sensor	DC.TP								
internal relay	DC.REL								
remote IR controller	DC.IR								

Technical Data		DK.57.4	DK.57.6
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<b>Display</b>	height of the digits	57 mm	57/30 mm
	height of the letters	30 mm	30 mm
<b>Time display format</b>	HH : MM	✓	
	HH : MM <sup>SS</sup>		✓
<b>Date display format</b>	day of week	3 characters	3 characters
	date	day + 8 characters name of month	day + 8 characters name of month
<b>Power supply</b>	AC (standard)	100–240 V~, 50–60 Hz	100–240 V~, 50–60 Hz
	DC (on request)	12/24 V= ± 20 %	12/24 V= ± 20 %
<b>Power consumption</b>	single-sided	10 VA / 16 VA	11 VA / 17 VA
	double-sided	18 VA / 27 VA	19 VA / 28 VA
<b>Accuracy at 20 °C</b>	without synchronization	± 0,3 sec / day	± 0,3 sec / day
<b>Acc. of temp. measurement</b>	range -25 ° C to +80°C	± 1,0 °C	± 1,0 °C
<b>Operation temperature range</b>		0 to + 50 °C	0 to + 50 °C
<b>Protection degree</b>		IP 40 (optionally IP 54)	IP 40 (optionally IP 54)
<b>Dimensions (mm) (W x H x D)</b>	single-sided	735 x 118 x 39	800 x 118 x 39
	double-sided	735 x 118 x 78	800 x 118 x 78
<b>Weight in kg</b>	single-sided	2,4	2,8
	double-sided	4,4	5,1
<b>Accessories:</b>			
<b>Temperature sensor of IP 66 protection degree</b>	TP	✓	✓
<b>Remote IR controller</b>	IR	✓	✓
<b>Internal relay</b>	REL	✓	✓
<b>DCF 77 radiosignal receiver</b>	DCF 450	✓	✓
<b>GPS receiver</b>	GPS 4500	✓	✓