



# LEDI® WORLD 7

## Indoor / Single face

Set of 2, 3, 4, 5, 6, or 7 LEDI® 7 digital clocks displaying local times of different cities in the world

Names of cities written in white letters below each zone. (City names to be specified when ordering)  
Manual programming of the time shift and seasonal time changes of the different depending on the version.  
Legibility 35 metres



### Time setting

The professional LEDI® clocks can display the same time information, synchronized by a master clock or a time server.

### Internal time base

The LEDI® clock has its own temperature compensated TCXO time base which allows an accuracy about 0.1 sec / day between 0° to 40°C in case of synchronization loss.

### Security

Backup of time information in case of mains absence, by lithium battery: 10 years.

### Specifications

Power supply (following version)	230VAC 50/60Hz 115VAC 50/60Hz Version NTP : PoE (Power over Ethernet)
Certifications	CE, EN 62368, EN 55032, EN 55035, ROHS
Maximum consumption	25 VA
IP	30
MTBF	56 225 h
MTTR	Display: 5 min CPU: 5 min Power supply: 5 min
Weight	Depending on model
Dimension	See table item code
Digit height	Hour/minute: 70 mm
Maximal distance of legibility	35 meters
Operating temperature	-20° to 50°C
Electrical equipment classification	⚡ Class 1 (in 115 or 230 VAC) ⚡ Class 3 (in PoE)

### Key features

- Perfectly silent, direct and accurate reading of time.
- SMD bi-colour LED technology allows to change the display colour in red, green or yellow (optional white or blue)
- The patented technology of the light guide provides a perfect regularity of the brightness and viewing angle at 160°
- The front face of the LEDI® is coated with an anti glare and anti-scratch film giving an extraordinary 60000 : 1 level of contrast.
- An anodized aluminium case wall mount or bracket
- A protection against over-voltage and industrial interference via EMC filter
- An easy "plug and play" installation
- Its participation in the sustainable development life span over 20 years.
- 2 years warranty
- Up to 10 brightness levels for optimal viewing
- Remote and batch configuration via the optional "remote configuration" software
- Selection of colours (independently between wave and numbers) and brightness
- Behaviour of central dots (fixed, blinking...)

### NTP Version

- Synchronisation of up to 4 NTPv4 servers and setting of advanced NTP options (poll rate / burst / preference order)
- Time zone selection and automatic summer/winter time change
- Supervision by SNMP v1, V2c, v3, SYSLOG, Consultation of event logs
- Configurations accessible via http and/or https
- Possibility of changing the display colour according to events (e.g. a loss of synchronisation changes the display colour to red)
- IPv4 / IPv6 protocols
- 12h or 24h Mmode

### Display / LED characteristics

Single row LED display, SMD technology, reading angle: 160°

bi-colour (red, green) LED		Monochrome LED
• Red: 245 mcd	• Yellow	• Blue: 625 mcd
• Green: 780 mcd		• White: 625 mcd

### Synchronisation inputs

- DCF77 (EUROPE) with antenna
- GPS
- AFNOR NFS 87500 or IRIG B (to specify at purchase order)
- NTP Ethernet 10/100BaseT
- NTP Wi-Fi (IEEE 802.11 a/b/g/n standards 2.4 Ghz)

### Storage conditions

Conditions	Temperature	Hygrometry	Maximum cumulative duration
Extreme	-20°C to 10°C	10 to 85% HR	48h
Extreme	40°C to 70°C	10 to 85% HR	48h
Normal	10°C to 40°C	10 to 85% HR	6 months

The product must be switched on for 4 hours every 3 months to maintain its characteristics\*.

\*see user guide for more information




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		ITEM CODE							
		N57							
		↑	↑	↑	↑	↑	↑	↑	↑
<b>(1) Number of time zones</b>									
<b>2 Time zones:</b> Dimensions: L490 x H315 x P62 mm	2								
<b>3 Time zones:</b> Dimensions: L715 x H315 x P62 mm	3								
<b>4 Time zones:</b> Dimensions: L930 x H315 x P62 mm	4								
<b>5 Time zones:</b> Dimensions: L1150 x H315 x P62 mm	5								
<b>6 Time zones:</b> Dimensions: L1380 x H315 x P62 mm	6								
<b>7 Time zones:</b> Dimensions: L1600 x H315 x P62 mm	7								
<b>(1) 7 maximum time zones</b>									
<b>VERSION</b>									
DCF Radiosynchronisation. DCF Antenna + 4m cable <input type="checkbox"/>		D							
GPS Radiosynchronisation. GPS Antenna + 10m cable <input type="checkbox"/>		G							
<sup>(2)</sup> AFNOR NFS 87500 Receiver UTC <input type="checkbox"/>		8							
<sup>(2)</sup> AFNOR NFS 87500 Receiver LOCAL <input type="checkbox"/>		9							
NTP <b>Ethernet</b> Synchronisation 10/100 base T <input type="checkbox"/>		K							
NTP <b>Wi-Fi</b> Synchronisation (IEEE 802.11 a/b/g/n standard 2,4 Ghz) <input type="checkbox"/>		W							
<b>(2) If IRIG.B. version, please specify as a note on your order</b>									
<b>PROGRAMMABLE LED</b>									
Selectable colour, red, yellow, green <input type="checkbox"/>		1							
Selectable colour white or blue <input type="checkbox"/>		5							
<b>MOUNTING</b>									
Standard: Wall mounting with bracket <input type="checkbox"/>		1							
<i>Please refer to the brackets technical sheet</i>									
<b>COLOUR CASING</b>									
Grey anodised aluminium <input type="checkbox"/>		7							
Painted black RAL9005 Aluminium <input checked="" type="checkbox"/>		0							
<b>POWER SUPPLY</b>									
Standard: 230VAC 50/60Hz <input type="checkbox"/>		0							
115VAC 50/60Hz <input type="checkbox"/>		1							
Power over Ethernet (PoE - IEEE802.3af) 1 cable for 2 to 5 time zones ( <i>Version K</i> ) <input type="checkbox"/>		7							
Power over Ethernet (PoE - IEEE802.3af) 2 cables for 6 à 7 time zones ( <i>Version K</i> ) <input type="checkbox"/>		8							
<b>TIME ZONE NAMES</b>									
<sup>(3)</sup> Permanent names <input type="checkbox"/>									S
Magnetic removable plates + <sup>(3)</sup> Permanent names <input type="checkbox"/>									G
Magnetic removable plates without names (erasable coating) <input type="checkbox"/>									P
<b>(3) Names of the time zones to be specified when ordering in the configuration file at the end of the document</b>									
<b>OPTIONS</b>									
Tropicalization <input type="checkbox"/>									U

# LEDI®WORLD – TIME ZONE NAMES

- Names will be in capitals letter of 20mm (LEDI®WORLD 5.60) and 35mm (LEDI®WORLD 7), White following the ITC Franklin Gothic medium font
- Pay attention of spelling
- Pay attention to the order, we will use exactly what you indicate below.

Find the updated list of spindle names on our website (Others on request)

N° of order:		<b>Example</b>				
Company Name:		Time zone n°1      Time zone n°2      Time zone n°3 ...				
Date:						
Contact/ signature	Stamp for validation					
<b>CLOCK 1</b>						
Time zone n°1	Time zone n°2	Time zone n°3	Time zone n°4	Time zone n°5	Time zone n°6	Time zone n°7
<b>CLOCK 2</b>						
Time zone n°1	Time zone n°2	Time zone n°3	Time zone n°4	Time zone n°5	Time zone n°6	Time zone n°7
<b>CLOCK 3</b>						
Time zone n°1	Time zone n°2	Time zone n°3	Time zone n°4	Time zone n°5	Time zone n°6	Time zone n°7