



## 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

<b>Power supply</b>	<ul style="list-style-type: none"> <li>230VAC 50/60Hz. external, Classe 1</li> <li>115VAC 50/60Hz. external, Classe 1</li> <li>24 VDC external</li> <li>9VDC 1A on jack</li> </ul>
<b>Certifications</b>	CE, EN 62368, EN 55032, EN 55035, ROHS
<b>Maximum consumption</b>	<ul style="list-style-type: none"> <li>AFNOR : 3VA</li> <li>NTP : 5VA</li> </ul>
<b>IP</b>	
<b>MTBF</b>	
<b>MTRR</b>	
<b>Weight</b>	
<b>Dimensions</b>	115x115x40 mm (LxHxD)
<b>Digit height</b>	Height of digits: Hour/minutes = 18 mm Seconds: Wave 60 dots ø 80 mm
<b>Maximal distance of legibility</b>	5 meters
<b>Operating temperature</b>	-20 à 70°C
<b>Electrical equipment classification</b>	<ul style="list-style-type: none"> <li>⚡ Classe 1 (en Power supply 230 VAC)</li> <li>⚡ Class 3 (in 12, 24, 48 VDC or PoE)</li> </ul>

## LEDI® 1.60

Highly luminescent 7-segment LED display:  
hour, minute, wave of seconds

## Key features

- Perfectly silent, direct and accurate reading of time
- 12h or 24h mode
- SNMP (NTP Version)
- Configurable time/date alternation
- Brightness setting
- Case aluminium
- Minimum 2-day power reserve in case of power failure by built-in Ni-Mh battery
- Extra flat lacquered aluminium case - Wall or flush mounting
- Its participation in the sustainable development, life span over 20 year
- 2 years warranty

## Synchronisation Input

- Standalone: radio-synchronisable quartz time base 3.6864 MHz
- DCF Radiosynchronisation + DCF Antenna
- AFNOR NFS 87500 (to specify on purchase order)
- 6mA/24V reversed parallel minute pulses
- Serial reversed 1/2 minute pulses
- NTP Ethernet 10/100BaseT détection automatique : RJ45
- ASCII RS232
- ASCII RS422-485
- SMPTE

## Storage conditions

Conditions	Temperature	Hygrometry	Maximum cumulative duration
Extreme	-20°C to 0°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

LEDI® 1.60

		ITEM CODE				
		313	/			
		↑	↑	↑	↑	↑
<b>VERSION</b>						
Standalone: radio-synchronisable quartz time base 3.6864 MHz Holdover +/- 0.1 sec/24 h (between 20 and 30°C)	<input type="checkbox"/>	2				
6mA/24V reversed parallel minute pulses receiver clock	<input type="checkbox"/>	3				
Serial reversed 1/2 minute pulses receiver clock Consumption 1.25V. 60 to 120mA. 39 ohms shunt	<input type="checkbox"/>	5				
<sup>(1)</sup> AFNOR NFS 87500	<input type="checkbox"/>	8				
SMPTE-EBU Receiver	<input type="checkbox"/>	7				
<sup>(2)</sup> Entrée ASCII RS232 Receiver	<input type="checkbox"/>	B				
<sup>(2)</sup> Entrée ASCII RS422-485 Receiver	<input type="checkbox"/>	Q				
DCF Radiosynchronisation. DCF Antenna + 4m cable	<input type="checkbox"/>	D				
<sup>(1)</sup> If IRIG.B version, please specify as a note on your order						
<b>LED</b>						
Red	<input type="checkbox"/>	1				
Green	<input type="checkbox"/>	2				
<b>MOUNTING</b>						
Wall mount RAL9005 Black	<input type="checkbox"/>	1				
Flush mounting (160x135,5 depth 33mm) Colourless anodised	<input type="checkbox"/>	3				
<b>Power supply</b>						
Standard: 230VAC 50/60Hz	<input type="checkbox"/>	0				
115VAC 50/60Hz	<input type="checkbox"/>	1				
9VDC on jack	<input type="checkbox"/>	A				
24 VDC	<input type="checkbox"/>	4				
<b>OPTION</b>						
Timer case on SUB-D (Counting/Uncounting/Intermediate Time)	<input type="checkbox"/>					K
<sup>(2)</sup> ASCII RS232 output	<input type="checkbox"/>					A
or : <sup>(2)</sup> ASCII RS422-485 output	<input type="checkbox"/>					R
Tropicalization	<input type="checkbox"/>					U

<sup>(2)</sup> Only one ASCII output or one ASCII input possible