



Time setting

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

On standalone and pulse version, the time setting is manual. Display date and time alternately.

Internal time base

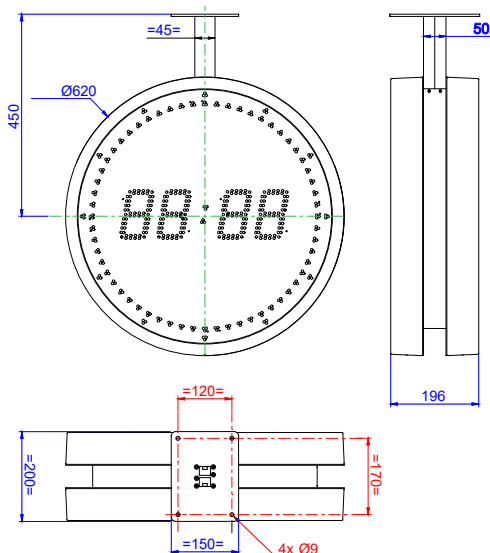
The LEDI® clock has its own temperature compensated TCXO time base which allows an accuracy about **0.1 sec / day** between 0° to 40°C in case of synchronization loss.

Security

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

Specifications

Power supply	230VAC 50/60Hz	115VAC 50/60Hz
Certifications	CE, EN 62368, EN 55032, EN 55035, ROHS, IEC 60950-22:2016 (2nd Edition)	
Maximum consumption	25 VA	
IP	65 front face / 54 rear face	
MTBF	56 225 h	
MTTR	Display: 5 min	CPU : 5 min
	Power supply : 5 min	
Weight	6.2 kg	
Dimensions	Diameter: 620mm Depth: 72mm	
Digit height	Hour/minute: 110 mm Wave of seconds: 180 points	
Maximal distance of legibility	Up to 60 meters	
Operating temperature	-20° to 60°C	
Hygrometry	95% to 40°C	
Electrical equipment classification	⊕ Class 1 (in 115 ou 230 VAC)	



LEDI® 12.60 Waterproof

**Professional LED clock,
robust and stylish combining the best of the technology
for an easy installation and operation.**

Recommended use under cover

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
- **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 antiglare and anti-scratch film giving an extraordinary 60000:1 level of contrast
- **A protection against over-voltage and industrial interference** via EMC filter
- **An easy "plug and play" installation**
- **An anodized aluminium case wall mount or bracket**
- **Securit glass 4mm in front face**
- **Tropicalized**
- **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

Advanced version (option K)

- 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 protocoles
- 12h or 24h mode
- Stopwatch/timer: advanced options fully configurable and programmable (start time, end time, colour change...), control and configuration via web page, GTCHRONO or SNMP
- Sensor*: Option to manage up to 3 different SNMP sensors (Temperature, Hygrometry, ...)

*Within the limits of the display

Standard Version (option N or W)

- Synchronisation of up to 3 NTP servers
- Time zone selection and automatic summer/winter time change
- Supervision by SNMP v1, v2.c
- Configurations accessible via http and/or https
- IPv4 / IPv6 protocoles
- Stopwatch/timer: simple option (triggering of a count sequence or countdown by button via web page or SNMP)
- Sensor: option to manage an SNMP Temperature or Humidity sensor

Synchronisation Input

- AFNOR NFS 87500 or IRIG B (to specify at purchase order)
- Standard NTP (Option N) or advanced NTP (Option K) Ethernet 10/100BaseT
- Standard NTP Wi-Fi (IEEE 802.11 a/b/g/n standards 2.4 Ghz)

LEDI® 12.60
Waterproof

		ITEM CODE						
		ND383E	/					
		FACE	↑	↑	↑	↑	↑	↑
		Simple face	1					
		Double face	2					
		VERSION						
		⁽²⁾ AFNOR NFS 87500 Receiver <input type="checkbox"/>	8					
		ADVANCED NTP Synchronisation (Ethernet RJ45 10/100) <input type="checkbox"/>	K					
		STANDARD NTP Synchronisation (Ethernet RJ45 10/100) <input type="checkbox"/>	N					
		Synchronisation NTP Version STANDARD (Wi-Fi IEEE 802.11 a/b/g/n standard 2,4 Ghz) <input type="checkbox"/>	W					
		PROGRAMMABLE LED						
		High brightness LED: Selectable colour, red, yellow, green <input type="checkbox"/>	4					
		MOUNTING						
		(Simple face) Standard: Wall mounting with bracket <input type="checkbox"/>	1					
		(Simple or double face) Please refer to the brackets technical sheet <input type="checkbox"/>	P					
		COULOUR CASING						
		Anodized grey aluminium <input type="checkbox"/>	7					
		Power supply						
		Standard: 230VAC 50/60Hz <input type="checkbox"/>	0					
		115VAC 50/60Hz (Excluding version P) <input type="checkbox"/>	1					
		OPTIONS						
		⁽⁵⁾ Timer function via web interface (versions K, N or W) <input type="checkbox"/>						F
		⁽³⁾ Timer: touch housing control block (flush and wall mount version) + 4 meters of cable - up/down <input type="checkbox"/>						I
		⁽⁶⁾ Timer: touch housing control block (flush and wall mount version) + 4 meters of cable - up/down <input type="checkbox"/>						I2
		⁽³⁾ Timer: touch housing control block (flush and wall mount version) + 15 meters of cable - up/down <input type="checkbox"/>						G

⁽³⁾ Option NOT available in NTP versions (N, K: Ethernet or W: Wi-Fi)

⁽⁴⁾ Option NOT available in NTP versions (N, K: Ethernet or W: Wi-Fi)

⁽⁵⁾ Option for NTP versions (Ethernet or Wi-Fi) only, and compatible with a Temperature Sensor via IP station to be ordered separately, see module 92261

⁽⁶⁾ Option available in NTP versions (N: Ethernet or W: Wi-Fi)