



LEDI® 12.60

Waterproof



Professional LED clock, robust and GORGY TIMING original design combining the best of the technology for an easy installation and operation.

Recommended use under cover

Time setting

The professional LEDI® clocks can display the same time information, synchronized by a master clock or a time server. 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 (following version)	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
Dimension	Diameter: 620mm Depth: 72mm
Digit height	Hour/minute: 110 mm Wave of seconds: 60 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 or 230 VAC)

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



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
- **Front face Makrolon 3mm anti-glare**
- **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 Mmode
 - 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

Display / LED characteristics

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

bi-colour (red, green) LED	
● Red: 245 mcd	● Yellow
● Green: 780 mcd	

Synchronisation inputs

- 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)

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		ITEM CODE								
		ND383RE	/	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	FACE			↑	↑	↑	↑	↑	↑	↑
	Single face	1								
	Double face	2								
	VERSION									
	⁽²⁾ AFNOR NFS 87500 Receiver <input type="checkbox"/>	8								
	ADVANCED NTP Synchronisation (Ethernet RJ45 10/100) <input checked="" type="checkbox"/>	K								
	STANDARD NTP Synchronisation (Ethernet RJ45 10/100) <input type="checkbox"/>	N								
	STANDARD NTP Synchronisation (Wi-Fi IEEE 802.11 a/b/g/n standard 2.4 Ghz) <input checked="" type="checkbox"/>	W								
	⁽¹⁾ If IRIG.B. version, please specify as a note on your order									
	PROGRAMMABLE LED									
	Selectable colour, red, yellow, green <input type="checkbox"/>	4								
	BOITIER									
	(Single face) Standard: Wall mounting with bracket <input type="checkbox"/>	1								
	(Single or double face) Please refer to the brackets technical sheet <input type="checkbox"/>	P								
	COLOUR CASING									
	Grey anodised aluminium <input type="checkbox"/>	7								
	POWER SUPPLY									
	Standard: 230VAC 50/60Hz <input type="checkbox"/>	0								
	115VAC 50/60Hz <input type="checkbox"/>	1								
	OPTIONS									
	⁽²⁾ Timer function via web interface (<i>versions K, N or W</i>) <input type="checkbox"/>									F
	⁽³⁾ IP Temperature sensor module (<i>versions K, N or W</i>) <input type="checkbox"/>									G

⁽²⁾ Compatible CDG035 – GT Chrono : Uniquement pour version la version NTP Ethernet avancée (option K), gestion du déclenchement de groupes d'horloges en simultané et synchronisées, par logiciel Windows.
⁽³⁾ Option pour les versions NTP (Ethernet ou Wi-Fi) uniquement, et compatible avec une Sonde Température via station sur IP à commander à part, voir module réf. 92261