

LEDI[®] 7.S Hospital

Professional LED clock with tri-color display, robust and stylish combining the best of the technology for an easy installation and operation.



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.

Specification

CLOCK :

Power supply	230 VAC/50-60 Hz 115 VAC/50-60 Hz Low voltage 12, 24 or 48 VDC NTP Version : POE (Power Over Ethernet)
Certifications	CE, EN 60950, EN 55022, EN 55024, ROHS.
Maximum consumption	15,06 VA
IP	66 (after flush mounting)
MTBF	56 225 h.
MTTR	display : 5 min. CPU : 5 min. Power supply : 5 min.
Weight	2.9 kg
Dimension	490x184x66 mm (LxHxD) Flush mount wall opening : 440x170 mm
Digit Height	Hour/minute : 70 mm Seconds : 50 mm
Maximal distance of legibility	35 meters
Operating temperature	-20° to 50°C

TIMER CASE :

Front face	Makrolon treatment Enamelling in white
Case	Flush mount, with 4m cable, disconnectable
Dimension	142x80mm – distance between two holes : 122mm
IP	66 (after flush mounting)
Timer function	Touch/ sensor – Function : start/stop, up/down

Key features

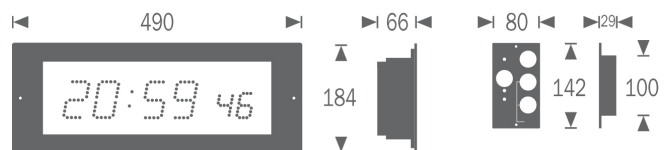
- Perfectly silent, direct and accurate reading of time.
- SMD bi-colour LED technology allows to change the display colour in red, green or yellow (optional white or blue).
- The patented technology of the light guide provides a perfect regularity of the brightness and viewing angle at 160°.
- A protection against over-voltage and industrial interference via EMC filter.
- An easy "plug and play" installation.
- Clock case in anodised aluminium : IP66 waterproof (after flush mounting and gasket setting).
- Toughened Mineral glass antibacterial front panel.
- Flush mount timer with Makrolon front face.
- Its participation in the sustainable development life span over 20 years.
- 2 years warranty.

Remote management (with NTP synchronization)

Remote configuration and time setting via WEB interface.
Automatic time zone choice and daylight saving time change.
Supervision via HTTP, SNMP, Telnet. "GT Network Manager" (Windows[®] NT/XP/2000/Vista (32 bits)/ Windows 7).

Synchronization inputs

- Standalone TCXO quartz time base.
- DCF (EUROPE).
- France Inter (EUROPE).
- GPS.
- Pulse 24V reversed parallel minute or serial reversed 1/2 minute pulses.
- AFNOR NFS 87500
- IRIG B : shall be specified on Purchase order.
- ASCII RS232, ASCII RS422/485.
- DHW 869.525 Mhz.
- NTP Ethernet 10/100BaseT automatic detection :RJ45.
- NTP POE (Power Over Ethernet).
- SMPT.E.
- Wi-Fi (IEEE 802.11B/G standard)



Display / LED specifications

Simple row LED display.

SMD Technology, Viewing Angle: 160°.

bi-colored LED (red green)		monochrome LED
Red : 245 mcd	Yellow	Blue : 625 mcd
Green : 780 mcd		White : 625 mcd



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		ITEM CODE								
		N366			5	7			U	
		↑	↑	↑	↑	↑	↑	↑	↑	↑
VERSION										
Standalone : TCXO quartz radiosynchronizable time base Accuracy +/- 0.1 sec/24 h (between 0°C and 40°C)	<input type="checkbox"/>	2								
DCF Radiosynchronization. Antenna + 4m of cable	<input type="checkbox"/>	D								
GPS Antenna + 10m of cable	<input type="checkbox"/>	G								
24V reversed parallel minute pulses receiver clock	<input type="checkbox"/>	3								
Minute 60V receiver	<input type="checkbox"/>	V								
Serial reversed 1/2 minute pulses receiver clock Consumption 1.25V. 60 to 120mA. 39 ohms shunt	<input type="checkbox"/>	5								
AFNOR NFS 87500* receiver clock	<input type="checkbox"/>	8								
SMPTE-EBU receiver clock	<input type="checkbox"/>	7								
ASCII RS 232 receiver clock	<input type="checkbox"/>	B								
ASCII 422/485 receiver clock	<input type="checkbox"/>	Q								
NTP Ethernet 10/100 base T Synchronization	<input type="checkbox"/>	N								
DHW 869.525 Mhz Synchronization	<input type="checkbox"/>	L								
Wi-Fi(IEEE 802.11B/G standard)	<input type="checkbox"/>	W								
*IRIG.B Version : to be specified as « remark » on your Purchase Order.										
CONFIGURABLE LED										
Configurable colour : red, yellow, green	<input type="checkbox"/>	1								
Configurable colour : white or blue	<input type="checkbox"/>	5								
MOUNTING										
Flush mount, IP66 waterproof, glass front panel white background	<input type="checkbox"/>	5								
COLOUR OF CASE										
Standard : anodized aluminium	<input type="checkbox"/>	7								
POWER SUPPLY										
Standard : 230VAC/50-60Hz	<input type="checkbox"/>	0								
115VAC/50-60Hz	<input type="checkbox"/>	1								
Power Over Ethernet (POE)	<input type="checkbox"/>	7								
Low voltage power supply : 12 VDC	<input type="checkbox"/>	2								
Low voltage power supply : 24 VDC	<input type="checkbox"/>	4								
Low voltage power supply : 48 VDC	<input type="checkbox"/>	6								
OPTIONS										
Stop clock function via WEB interface	<input type="checkbox"/>								F	
Timer : touch housing control block (flush and wall mount version) + 4 meters of cable - up/down	<input type="checkbox"/>								I	
Touch sensor timer + 15 m of cable	<input type="checkbox"/>								C	
Tropicalized	<input type="checkbox"/>								U	
Temperature probe(accuracy ± 0.5°C) + 5 m cable : temperature and hour displayed alternately	<input type="checkbox"/>									T
ASCII RS232 output(do not associate with Ascii input version) or: ASCII RS422-485 output(do not associate with Ascii input version)	<input type="checkbox"/>									A R
Specification	<input type="checkbox"/>									S