



LEDI® 5.S Hospital

Professional LED clock with tri-colour 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	16.40 VA
IP	66 (after flush mounting)
MTBF	56 225 h.
MTTR	display : 5 min. CPU : 5 min. Power supply : 5 min.
Weight	2.350 kg
Dimension	375x164x66 mm (LxHxD) Flush mount wall opening : 320x150 mm
Maximal distance of legibility	25 meters
Digit Height	Hour/minute : 50 mm Seconds : 50 mm
Operating temperature	-20° to 50°C

TIMER CASE :	
Front face	Makrolon treatment Enamelling in white
Case	Flush mount, with 4m cable, disconnectable
Dimension	142x80x29mm distance between two holes : 122mm
IP	66 (after flush mounting)
Timer function	Touch/ sensor – Fonction : start/stop, up/down

Key features

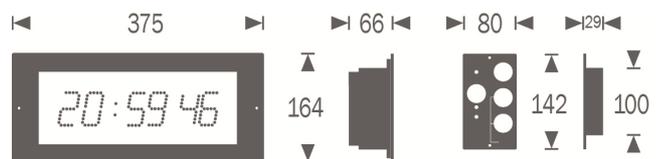
- Perfectly silent**, direct and accurate reading of time.
- SMD bi-colour LED technology** allows to change the display colour in red, green or yellow (optional white or blue).
- The patented technology of the light guide** provides a perfect regularity of the brightness and viewing angle at 160 °.
- 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 white 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).
- 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.
- NTP Ethernet 10/100BaseT automatic detection :RJ45.
- NTP POE (Power Over Ethernet).
- SMPTE.
- Wi-Fi (IEEE 802.11 a/b/g/n 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	White : 625 mcd
Green : 780 mcd			



LEDI® 5.S Hospital

		ITEM CODE								
		N356			5	7			U	
VERSION		↑	↑	↑	↑	↑	↑	↑	↑	↑
Standalone : TCXO quartz radiosynchronizable time base Accuracy +/- 0.1 sec/24 h (between 0°C and 40°C)	<input checked="" type="checkbox"/>	2								
DCF Radiosynchronization. Antenna + 4m of cable	<input checked="" type="checkbox"/>	D								
GPS Antenna + 10m of cable	<input checked="" type="checkbox"/>	G								
24V reversed parallel minute pulses receiver clock	<input checked="" type="checkbox"/>	3								
Minute 60V receiver	<input checked="" type="checkbox"/>	V								
Serial reversed 1/2 minute pulses receiver clock Consumption 1.25V. 60 to 120mA. 39 ohms shunt	<input checked="" type="checkbox"/>	5								
AFNOR NFS 87500* receiver clock	<input checked="" type="checkbox"/>	8								
SMPTE-EBU receiver clock	<input checked="" type="checkbox"/>	7								
ASCII RS 232 receiver clock	<input checked="" type="checkbox"/>	B								
ASCII 422/485 receiver clock	<input checked="" type="checkbox"/>	Q								
NTP Ethernet 10/100 base T Synchronization	<input checked="" type="checkbox"/>	N								
Wi-Fi (IEEE 802.11 a/b/g/n standard)	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	0								
115VAC/50-60Hz	<input checked="" type="checkbox"/>	1								
Power Over Ethernet (POE)	<input checked="" type="checkbox"/>	7								
Low voltage power supply : 12 VDC	<input checked="" type="checkbox"/>	2								
Low voltage power supply : 24 VDC	<input checked="" type="checkbox"/>	4								
Low voltage power supply : 48 VDC	<input checked="" type="checkbox"/>	6								
OPTIONS										
*Stop clock function via WEB interface	<input checked="" type="checkbox"/>								F	
**Timer : touch housing control block (flush and wall mount version) + 4 meters of cable - up/down	<input checked="" type="checkbox"/>								I	
**Touch sensor timer + 15 m of cable	<input checked="" type="checkbox"/>								C	
Tropicalized	<input checked="" type="checkbox"/>								U	
**Temperature probe(accuracy ± 0.5°C) + 5 m cable : temperature and hour displayed alternately	<input checked="" 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 checked="" type="checkbox"/>									A R
Specification	<input checked="" type="checkbox"/>									D

*CDG035 – GT Chrono : management software of countdown timer on a group of clocks.

**not available on NTP and Wi-Fi version clocks.