



## LEDI® 7 Outdoor / Waterproof

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

*Recommended use under shelter.*



### 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

<b>Power supply</b>	230 VAC/50-60 Hz 115 VAC/50-60 Hz Low voltage 12, 24 or 48 VDC NTP Version : POE (Power Over Ethernet)
<b>Certifications</b>	CE, EN 60950, EN 55022, EN 55024, ROHS.
<b>Maximum consumption</b>	13,76 VA
<b>IP</b>	66 front face / 54 back face
<b>MTBF</b>	56 225 h.
<b>MTTR</b>	Display : 5 min. CPU : 5 min. Power supply : 5 min
<b>Weight</b>	1.6
<b>Dimension</b>	356 x171x75 mm (LxHxD)
<b>Digit height</b>	Hour/minute: 70 mm
<b>Maximal distance of legibility</b>	35 meters
<b>Shock resistance</b>	IK9
<b>Operating temperature</b>	-20° to 60°C
<b>Humidity</b>	95% à 40°C
<b>Electrical equipment classification</b>	Class 2

### 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

### 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.**

**An anodized aluminium case** wall mount (screw lock) or bracket mount.

**Securit glass 4mm** on front side.

**Its participation in the sustainable development** life span over 20 years.

2 years warranty.

### Remote management (with NTP synchronization)

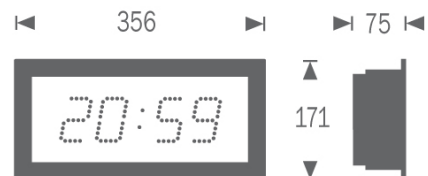
Remote configuration and time setting via WEB interface.

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.
- SMPTE.
- Wi-Fi (IEEE 802.11 a/b/g/n standard)



# LEDI® 7 Outdoor / Waterproof

		ITEM CODE							
	ND360E /	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		↑	↑	↑	↑	↑	↑	↑	
<b>DISPLAY</b>									
Single face		1							
Double face		2							
<b>VERSION</b>									
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							
AFNOR NFS 87500* receiver clock <input type="checkbox"/>		8							
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							
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.									
<b>CONFIGURABLE LED</b>									
High Brightness LED : configurable display in red, yellow, green <input type="checkbox"/>		4							
<b>MOUNTING</b>									
(Single face) Standard : wall mount <input type="checkbox"/>		1							
(Single or double face) To be associated with requested brackets ** <input type="checkbox"/>		P							
** Please refer to the brackets technical sheet									
<b>COLOUR OF CASE</b>									
Standard : anodized aluminium <input type="checkbox"/>		7							
<b>POWER SUPPLY</b>									
Standard : 230VAC/50-60Hz <input type="checkbox"/>		0							
115VAC/50-60Hz <input type="checkbox"/>		1							
Low voltage power supply : 12 VDC <input type="checkbox"/>		2							
Low voltage power supply : 24VDC <input type="checkbox"/>		4							
Low voltage power supply : 48VDC <input type="checkbox"/>		6							
Power Over Ethernet (POE) <input type="checkbox"/>		7							
<b>OPTIONS</b>									
*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							
**Timer case + 15 m of cable <input type="checkbox"/>		C							
**Temperature probe(accuracy ± 0.5°C) + 5 m cable : temperature and hour displayed alternately <input type="checkbox"/>		T							
**Time beep output, or contact relays for end of timer <input type="checkbox"/>		E							
ASCII RS232 output(do not associate with Ascii input version) <input type="checkbox"/>		A							
or : ASCII RS422-485 output(do not associate with Ascii input version) <input type="checkbox"/>		R							
Specification <input type="checkbox"/>		S							

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

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