



# LEDI® REVERSO 5.60

## Indoor / Double face

Professional LED clock, robust and GORGY TIMING original design 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.

### Specifications

<b>Power supply (following version)</b>	230VAC 50/60Hz 115VAC 50/60Hz Low voltage 12, 24 or 48 VDC
<b>Certifications</b>	CE, EN 62368, EN 55032, EN 55035, ROHS
<b>Maximum consumption</b>	13.70 VA
<b>IP</b>	30
<b>MTBF</b>	46 267 h
<b>MTTR</b>	Display: 5 min CPU: 5 min Power supply: 5 min
<b>Weight</b>	270x270x99 mm (LxHxD) Potence de fixation : 150 mm
<b>Dimension</b>	1.7 – 2.1Kg
<b>Digit height</b>	Hour/minute: 50 mm Wave of seconds: 60 points
<b>Maximal distance of legibility</b>	25 meters
<b>Operating temperature</b>	-20° to 50°C
<b>Electrical equipment classification</b>	⚡ Class 1 (in 115 or 230 VAC) ⚡ Class 3 (in 12, 24 or 48 VDC)

### 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 (optional white or blue)
- **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**
- **Double face IP30 on bracket**
- **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 Wifi Version

#### Standard Version (option 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

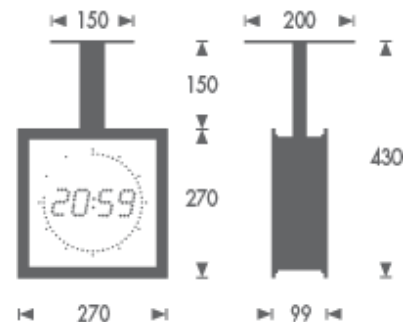
### Display / LED characteristics

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

bi-colour (red, green) LED		Monochrome LED
• Red: 245 mcd	• Yellow	• Blue: 625 mcd
• Green: 780 mcd		• White: 625 mcd

### Synchronisation inputs

- TCXO Quartz Standalone
- DCF77 (EUROPE) with antenna or DCF24V with pair cable
- GPS
- Reverse parallel minute receiver 24V or 1/2 reverse minute series
- AFNOR NFS 87500 or IRIG B (to specify at purchase order)
- ASCII RS232, ASCII RS422/485
- Standard NTP Wi-Fi (IEEE 802.11 a/b/g/n standards 2.4 Ghz)
- SMPTE



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		ITEM CODE					
		ND343					
VERSION		↑	↑	↑	↑	↑	↑
Standalone: radio-synchronisable quartz time base 3.6864 MHz Holdover +/- 0.1 sec/24 h (between 0 and 40°C)	<input type="checkbox"/>	2					
DCF Radiosynchronisation. DCF Antenna + 4m cable	<input type="checkbox"/>	D					
<sup>(1)</sup> DCF 24Vdc Synchronisation ( <i>Synchro in telecom pair cable</i> )	<input type="checkbox"/>	P					
GPS Radiosynchronisation. GPS Antenna + 10m cable	<input type="checkbox"/>	G					
6mA/24V reversed parallel minute pulses receiver clock	<input type="checkbox"/>	3					
Serial reversed 1/2 minute pulses receiver clock	<input type="checkbox"/>	5					
Consumption 1.25V. 60 to 120mA. 39 ohms shunt	<input type="checkbox"/>						
<sup>(2)</sup> AFNOR NFS 87500 Receiver	<input type="checkbox"/>	8					
SMPTE-EBU Receiver	<input type="checkbox"/>	7					
ASCII RS 232 Receiver	<input type="checkbox"/>	B					
ASCII 422/485 Receiver	<input type="checkbox"/>	Q					
<b>STANDARD NTP Synchronisation (Wi-Fi IEEE 802.11 a/b/g/n standard 2.4 Ghz)</b>	<input type="checkbox"/>	W					
<i>(1) Always combine this version with 230VAC 50/60Hz power supply only</i>							
<i>(2) If IRIG.B. version, please specify as a note on your order</i>							
<b>PROGRAMMABLE LED</b>							
Selectable colour, red, yellow, green	<input type="checkbox"/>	1					
Selectable colour white or blue	<input type="checkbox"/>	5					
<b>MOUNTING</b>							
Please refer to the brackets technical sheet	<input type="checkbox"/>		P				
<b>COLOUR CASING</b>							
Grey anodised aluminium	<input type="checkbox"/>			7			
Black anodised aluminium	<input type="checkbox"/>			0			
<b>POWER SUPPLY</b>							
Standard: 230VAC 50/60Hz	<input type="checkbox"/>				0		
115VAC 50/60Hz ( <i>Excluding version P</i> )	<input type="checkbox"/>				1		
<sup>(3)</sup> Low voltage power supply: 12 VDC ( <i>Excluding version W</i> )	<input type="checkbox"/>				2		
<sup>(3)</sup> Low voltage power supply: 24 VDC ( <i>Excluding version W</i> )	<input type="checkbox"/>				4		
<sup>(3)</sup> Low voltage power supply: 48 VDC ( <i>Excluding version W</i> )	<input type="checkbox"/>				6		
<b>OPTIONS</b>							
Timer function via web interface ( <i>version W</i> )	<input type="checkbox"/>						F
<sup>(3)</sup> Timer: touch housing control block (flush and wall mount version) + 4 meters of cable - up/down	<input type="checkbox"/>						I
<sup>(3)</sup> Timer : touch housing control block (flush and wall mount version) + 15 meters of cable - up/down	<input type="checkbox"/>						C
<sup>(3)</sup> Temperature probe(accuracy ± 0.5°C) + 5 m cable : temperature and hour displayed alternately	<input type="checkbox"/>						T
<sup>(4)</sup> IP Temperature sensor module ( <i>version W</i> )	<input type="checkbox"/>						G
<sup>(3)</sup> Timer output or stopwatch contact	<input type="checkbox"/>						E
<sup>(3)</sup> ASCII RS232 output ( <i>not to be combined with Ascii input version</i> )	<input type="checkbox"/>						A
or:							
<sup>(3)</sup> ASCII RS422-485 output ( <i>not to be combined with Ascii input version</i> )	<input type="checkbox"/>						R
Tropicalization	<input type="checkbox"/>						U

<sup>(3)</sup> Option not available in NTP version Wi-Fi

<sup>(4)</sup> Option for NTP versions Wi-Fi only, and compatible with a Temperature Sensor via IP station to be ordered separately, see module 92261