LEDICA® ALPHA CARREE REVERSO 7.M
Indoor / Double face

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

2 YEARS WARRANTY

Time Setting

The professional LEDICA ® 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.

Internal time base

The LEDICA ® 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

Power supply	230VAC/50-60Hz 115VAC/50-60Hz Low voltage 12, 24 or 48 Volts NTP POE (Power Over Ethernet)
Certification	CE, EN 60950, EN 55022, EN 55024, ROHS.
Maximum consumption	17.73 VA
IP	30 (standard version), 54 (waterproof option)
MTBF	46 267 h.
MTTR	Display : 5 min. CPU : 5 min. Power supply : 5 min.
Weight	3,0 – 3,5 kg
Dimension	390x390x99 mm (LxHxD)
Digit height	Hour / minute : 70 mm Date : 50 mm (Alphanumeric display for day and month)
Maximal distance of legibility	35 meters
Shock resistance	IK9
Operating temperature	-20° to 50°C
Electrical equipment classification	Class 2

Display / LED specifications
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

Made in France   CE   afaq ISO 9001 Qualité AFNOR CERTIFICATION   afaq ISO 14001 Environnement AFNOR CERTIFICATION

Ref : BDR_UK3-8_LEDI-Calendar-V3.2 -priceless
All technical changes, aesthetic, colour can be made without prior notice.

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 LEDICA ® 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.
Pre-programmed calendar available in 11 languages.
Anodized aluminium case :
Double face IP30 on bracket.
An easy "plug and play" installation.
Its participation in the sustainable development life span over 20 years.
2 years warranty.
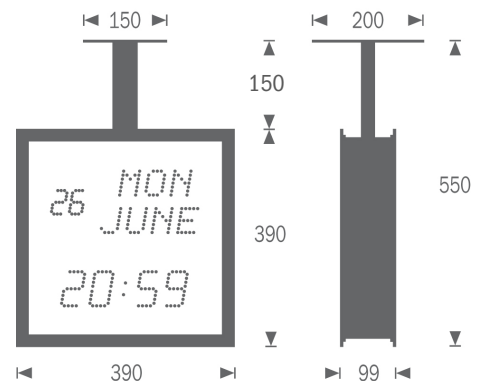
Remote management (with NTP synchronization)

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).
- SMPTE.
- Wi-Fi(IEEE 802.11B/G standard)

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ITEM CODE									
ND306 / **2**									

DISPLAY		↑	↑	↑	↑	↑	↑	↑	
Double face		2							

VERSION									
Standalone : TCXO quartz radiosynchronizable time base Accuracy +/- 0.1 sec/24 h (between 0°C and 40°C)	◉	2							
DCF Radiosynchronization. Antenna + 4m of cable	◉	D							
GPS Antenna + 10m of cable	◉	G							
24V reversed parallel minute pulses receiver clock	◉	3							
Minute 60V receiver	■	V							
Serial reversed 1/2 minute pulses receiver clock Consumption 1.25V. 60 to 120mA. 39 ohms shunt	■	5							
AFNOR NFS 87500* receiver clock	◉	8							
SMPTE-EBU receiver clock	■	7							
ASCII RS 232 receiver clock	◉	B							
ASCII 422/485 receiver clock	◉	Q							
DHW 869.525 Mhz Synchronization	◉	L							
NTP Ethernet 10/100 base T Synchronization	◉	N							
Wi-Fi(IEEE 802.11B/G standard)	■	W							

*IRIG.B Version: to be specified as « remark » on your Purchase Order.

CONFIGURABLE LED									
Configurable colour : red, yellow, green	□		1						
Configurable colour : white or blue	◉		5						

MOUNTING									
To be associated with requested brackets **	◉			P					

** Please refer to the brackets technical sheet

COLOUR OF CASE									
Standard : anodized aluminium	□				7				
Black painted aluminium	■				0				
Specific	✖				-				

POWER SUPPLY									
Standard : 230VAC/50-60Hz	◉					0			
115VAC/50-60Hz	◉					1			
Power Over Ethernet (POE)	◉					7			
Low voltage power supply : 12 VDC	◉					2			
Low voltage power supply : 24 VDC	◉					4			
Low voltage power supply : 48 VDC	◉					6			

OPTIONS									
Stop clock function via WEB interface	◉						F		
Timer : touch housing control block (flush and wall mount version) + 4 meters of cable - up/down	◉						I		
Timer case + 15 m of cable	◉						C		
Temperature probe(accuracy ± 0.5°C) + 5 m cable : temperature and hour displayed alternately	◉						T		
Time beep output, or contact relays for end of timer	◉						E		
ASCII RS232 output(do not associate with Ascii input version)	◉						A		
or : ASCII RS422-485 output(do not associate with Ascii input version)	◉						R		
Tropicalized	◉						U		
Specification	◉						S		