LEDICA® ALPHA 7.M.S
Indoor / Single face

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 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	230 VAC/50-60 Hz 115 VAC/50-60 Hz Low voltage 12, 24 or 48 VDC NTP POE (Power Over Ethernet)
Certification	CE, EN 60950, EN 55022, EN 55024, ROHS.
Maximum consumption	16,58 VA
IP	30
MTBF	46 267 h.
MTTR	Display : 5 min. CPU : 5 min. Power supply : 5 min.
Weight	3 kg
Dimension	760x220x62mm (LxHxD)
Digit height	Hour/ minute : 70 mm Second : 50 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	

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.
Pre-programmed calendar available in 11 languages.
An anodized aluminium case wall mount (screw lock) ,flush mount or bracket mount.
A **protection against over-voltage and industrial interference** via EMC filter.
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)

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

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ITEM CODE							
N3003 /							

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

Standard : wall mount**	☐	1
Flush mount	◙	3

** 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	◙	D