



LEDI[®]POOL

The LEDI[®]POOL displays the water temperatures for one or two pools and alternately displays the room air temperature and the time in the central display.

Complies with the sports code, article R322-18



Its customised aluminium profile casing is extremely robust. Its rectangular shape allows it to be positioned at a height beyond the reach of swimmers.

The wireless pool temperature measurement option allows for easy installation of the product by eliminating the need for a wired connection between the temperature sensor and the display, while maintaining high measurement accuracy.

It is also possible to display the pool temperature on several displays (wireless options).

Tropicalized product

Time setting

The professional LEDI[®] clocks can display the same time information, synchronized by a master clock or a time server.

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

Alimentation	230VAC 50/60Hz 115VAC 50/60Hz Version NTP : PoE (Power over Ethernet)
Certifications	CE, EN 62368, EN 55032, EN 55035, ROHS
Consommation maximale :	13,78 VA
IP	54
MTBF	56 225 h
MTTR	Affichage : 5 min CPU : 5 min Alimentation : 5 min
Poids	4 kg
Dimensions	1150x260x62 mm (LxHxP)
Hauteur des chiffres	Heure/minute : 110 mm Température : 70 mm
Distance maximale de lisibilité	jusqu'à 60 mètres
Température de fonctionnement	-20° à 50°C
Classe de matériel électrique	Classe 1 (en alimentation 115 ou 230 VAC) Classe 3 (en alimentation PoE)

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 Version

- Synchronisation of up to 3 NTPv4 servers
- Time zone selection and automatic summer/winter time change
- Supervision by SNMP v1
- Configurations accessible via http
- IPv4 / IPv6 protocoles

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
- GPS
- AFNOR NFS 87500 or IRIG B (to specify at purchase order)
- ASCII RS232, ASCII RS422/485
- NTP Ethernet 10/100BaseT



The names of the zones must be specified on the order.

LEDI® POOL

ITEM CODE

N3006 /

↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑

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																			
GPS Radiosynchronisation. GPS Antenna + 10m <input type="checkbox"/>	G																			
⁽²⁾ AFNOR NFS 87500 Receiver <input type="checkbox"/>	8																			
ASCII RS 232 Receiver <input type="checkbox"/>	B																			
ASCII 422/485 Receiver <input type="checkbox"/>	Q																			
NTP Synchronisation Ethernet 10/100 base T <input type="checkbox"/>	N																			

(1) If IRIG.B. version, please specify as a note on your order

PROGRAMMABLE LED

Selectable colour, red, yellow, green <input type="checkbox"/>	4																			
Selectable colour white or blue <input type="checkbox"/>	5																			

MOUNTING

Standard: Wall mounting with bracket <input type="checkbox"/>	1																			
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COLOUR CASING

Grey anodised aluminium <input type="checkbox"/>	7																			
Painted black RAL9005 Aluminium <input type="checkbox"/>	0																			

POWER SUPPLY

Standard: 230VAC 50/60Hz <input type="checkbox"/>	0																			
115VAC 50/60Hz <input type="checkbox"/>	1																			
Power over Ethernet (PoE - IEEE802.3af) <input type="checkbox"/>	7																			

1st WATER TEMPERATURE PROBE °C ⁽²⁾left display

T° water probe cable length 5m <input type="checkbox"/>	0																			
T° water probe cable length 25m <input type="checkbox"/>	2																			
T° water probe cable length 50m <input type="checkbox"/>	5																			

2nd WATER TEMPERATURE PROBE °C ⁽²⁾affichage droit

T° water probe cable length 5m <input type="checkbox"/>	0																			
T° water probe cable length 25m <input type="checkbox"/>	2																			
T° water probe cable length 50m <input type="checkbox"/>	5																			

(2) Names of the zones to be specified when ordering on the configuration file at the end of the document

OPTIONS

Temperature probe Air C° side display <input type="checkbox"/>																				A
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MEASURE

Air temperature measurement, sensor supplied with 5m cable:	Temperature measurement for pools (lg.50 meters max.)
Measuring range -20°C to +70°C	Measuring range -20°C to +70°C
PT1000 Class B according to IEC 751	PT1000 Class B according to IEC 751
Stainless steel tube 316L diam 4.5 mm length 40 mm	Stainless steel tube 316L diam 6 mm length 50 mm
Cable 2 x 0.22mm² PVC sheathed shielded length 5m	Cable 2 x 0.22mm² PVC sheathed and shielded
	¼ gas cylindrical thread

Designation	Item code	PRICE EURO TAX EXCL.
Stainless steel immersion sleeve, Length 40mm ¼ gas thread	CAP0028A	84

Complies with the fire safety standard **EN 60.950 and IEC 60.950.**


LEDI®POOL – POOL NAMES

- Names are in capital letters, 50mm high, White in ITC Franklin Gothic medium typeface
- Pay attention of spelling
- Pay attention to the order, we will use exactly what you indicate below.

List of pool names - Find the updated list on our website (Others on request)

POOL NAME	ITEM CODE
AIR	ETI0075A
SPA	ETI0076A
LARGE POOL	ETI0077A
SMALL POOL	ETI0078A
PISCINA GRANDE	ETI0083A
PISCINA PEQUENA	ETI0084A
LEISURE POOL	ETI0202A

To be filled in when ordering

N° of order:		<p style="text-align: center;">Example</p> <p style="text-align: center;">Left text: ETI0069A Right text: ETI0070A</p> 	
Company Name:			
Date:			
Contact/ signature	Stamp for validation		
CLOCK 1			
Left text		Right text	
CLOCK 2			
Left text		Right text	
CLOCK 3			
Left text		Right text	