



LEDICA[®] ALPHA REVERSO7.60.M.S 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.



Key features

0

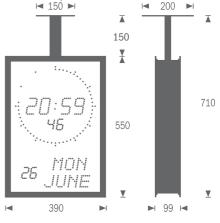
Perfectly silent, direct and accurate reading of time. SMD bi-colour LED technology allows to change the display colour in red, green or yellow (optional white or blue). The patented technology of the light guide provides a perfect regularity of the brightness and viewing angle at 160 ° The front face of the LEDICA® is coated with an antiglare and antiscratch 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)



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 B 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 VDC NTP POE (Power Over Ethernet) |
|--|--|
| Certification | CE, EN 60950, EN 55022, EN 55024, ROHS. |
| Maximal consumption | 19,55 VA |
| IP | 30 |
| MTBF | 46 267 h. |
| MTTR | Display : 5 min. CPU : 5 min. Power supply : 5 min |
| Weight | 3.9 – 4.4 kg |
| Dimension | 390x550x99 mm (LxHxD) Mounting bracket : 150 mm |
| Digit height | Hour/ minute : 70 mm Second : 50 mm Wave of seconds : 60 points Date : 50 mm |
| 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 | renow | White : 625 mcd |



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

LEDI[®] ALPHA REVERSO 7.60.M.S Indoor / Double face

0

GORGY D TIMING

M A

RQUE DU TEMPS

| | | ITEM CODE | | | | | | |] [| | | |
|---|---|------------|----------|---|----------|----------|---|-----------|-----|---|--------------|--|
| | ĺ | | | | 7 | | | ٦Г | | | ┓┝ | |
| | | ND3004 / 2 | | | | | | | | | | |
| DISPLAY | | <u> </u> | <u> </u> | 1 | <u> </u> | <u>^</u> | 1 | | ↑ | 1 | | |
| Double face | | 2 | | | | | _ | | | | Н | |
| VERSION | | | | | | | | | | | | |
| Standalone : TCXO quartz radiosynchronizable time base | _ | | | | | | | H | | | H | |
| 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 | | | | | Ш | | | Ц | |
| 24V reversed parallel minute pulses receiver clock | | | 3 | | | | | н | | | | |
| Minute 60V receiver | - | | v | _ | _ | | | Ш | | | Ц | |
| Serial reversed 1/2 minute pulses receiver clock Consumption 1.25V. 60 to 120mA. 39 ohms shunt | | | 5 | | | | | | | | | |
| AFNOR NFS 87500* receiver clock | | | 8 | | | | | Ħ | | | h | |
| SMPTE-EBU receiver clock | | | 7 | | 1 | | | Ħ | | | Ħ | |
| ASCII RS 232 receiver clock | | | В | | T | | | Π | | | Π | |
| ASCII 422/485 receiver clock | | | Q | | | | | | | | Ħ | |
| DHW 869.525 Mhz Synchronization | | | L | | | | | Π | | | Π | |
| NTP Ethernet 10/100 base T Synchronization | | | Ν | | | | | | | | | |
| 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 | | | | Ħ | | | H | |
| Configurable colour : white or blue | | | | 5 | | | | Ħ | | | h | |
| | | | | | | | | Ħ | | | Ħ | |
| MOUNTING | | | | | | | | | | | | |
| To be associated with requested brackets ** | | | | | | Ρ | | | | | | |
| ** Please refer to the brackets technical sheet | | | | | | | | | | | | |
| COLOUR OF CASE | | | | | | | | Ц | | | Ц | |
| Standard : anodized aluminium | | | | | | | 7 | \square | | | Н | |
| Black painted aluminium | | | | | | | 0 | \vdash | | _ | Н | |
| Specific | * | | | | | | - | - | | | \square | |
| POWER SUPPLY | | | | | | | | | | | | |
| Standard : 230VAC/50-60Hz | | | | | | | | | 0 | | H | |
| 115VAC/50-60Hz | | | | | | | | | 1 | | H | |
| Power Over Ethernet (POE) | | | | | | | | | 7 | | T | |
| Low voltage power supply : 12 VDC | | | | | | | | | 2 | | П | |
| Low voltage power supply : 24 VDC | | | | | | | | | 4 | | П | |
| Low voltage power supply : 48 VDC | | | | | | | | | 6 | | | |
| | | | | | | | | | | | П | |
| OPTIONS | | | | | | | | | | _ | \square | |
| Stop clock function via WEB interface | | | | | | | | | | F | Ц | |
| Timer : touch housing control block (flush and wall mount version) + 4 meters of cable - up/down | | | | | | | | | | 1 | | |
| Timer case + 15 m of cable | | | | | | | | | | С | Π | |
| Temperature probe(accuracy $\pm 0.5^{\circ}$ C) + 5 m cable : temperature and | | | | | | | | | | Т | Ħ | |
| hour displayed alternately | | | | | | | | | | | \square | |
| Time beep output, or contact relays for end of timer | | | | | | | | _ | _ | E | Ц | |
| ASCII RS232 output(do not associate with Ascii input version) | | | | | | | | | | A | | |
| or : ASCII RS422-485 output(do not associate with Ascii input version) | • | | | | | | | | | R | H | |
| Tropicalized Specification | | | | | _ | | | _ | | S | \mathbb{H} | |
| Specification | | | | | | | | | | 3 | | |





0

0

0

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 B 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. |
| Maximal consumption | 13,69 VA |
| IP | 30 |
| MTBF | 46 267 h. |
| MTTR | Display : 5 min. CPU : 5 min. Power supply : 5 min. |
| Weight | 3,1 kg |
| Dimension | 770x210x62 mm (LxHxD) |
| Digit height | Hour/minute : 110 mm Date : 50 mm (Alphanumeric display for day and month) |
| Maximal distance of legibility | 60 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 | Vallaur | Blue : 625 mcd |
| Green : 780 mcd | Yellow | White : 625 mcd |



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

RGY D TI



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)



LEDICA[®] 10.M Indoor / Single face

| | | ITEM CODE | | | | | | | | | | | |
|---|---|-----------|--------|---|---|----------|---|---|----------|-----------|-----|---|--|
| | | N393 / | | | ٦ | | | | | 1 [| | | |
| VERSION | | 14555 | ↑ | | | ↑ | | ↑ | ^ | | ↑ | | |
| Standalone : TCXO quartz radiosynchronizable time base | | | 2 | | | | | | | Π | T | | |
| Accuracy +/- 0.1 sec/24 h (between 0°C and 40°C) | | | | _ | - | | | | _ | \square | | _ | |
| DCF Radiosynchronization. Antenna + 4m of cable | | | D G | _ | | | | | | \square | | | |
| GPS Antenna + 10m of cable | | | 3 | _ | - | | | _ | - | \vdash | _ | | |
| 24V reversed parallel minute pulses receiver clock Minute 60V receiver | | | V | _ | - | | | | | \vdash | | | |
| Serial reversed 1/2 minute pulses receiver clock | - | | | _ | + | | | - | | \vdash | _ | | |
| Consumption 1.25V. 60 to 120mA. 39 ohms shunt | | | 5 | | | | | | | | | | |
| AFNOR NFS 87500* receiver clock | | | 8 | | | | | | | П | | | |
| SMPTE-EBU receiver clock | | | 7 | | | | | | | | | | |
| ASCII RS 232 receiver clock | | | В | | | | | | | П | | | |
| ASCII 422/485 receiver clock | | | Q | | | | | | | | | | |
| DHW 869.525 Mhz Synchronization | | | L | | | | | | | | | | |
| NTP Ethernet 10/100 base T Synchronization | | | Ν | | | | | | | | | | |
| Wi-Fi(IEEE 802.11B/G standard) | | | W | | | | | | | Π | | | |
| *IRIG.B Version: to be specified as « remark » on your Purchase Order. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| CONFIGURABLE LED | | | | - | _ | | _ | _ | _ | \vdash | | | |
| Configurable colour : red, yellow, green | | | | 1 | _ | | | _ | | | | _ | |
| Configurable colour : white or blue | | | | Э | | | _ | | | \vdash | | | |
| MOUNTING | | | | | | | | | | | | | |
| Standard : wall mount** | | | | | | 1 | | | | H | | | |
| Flush mount | | | | | | 3 | | | | H | | | |
| ** Please refer to the brackets technical sheet | | | | | | • | | | | H | | | |
| COLOUR OF CASE | | | | | | | | | | | | | |
| Standard : anodized aluminium | | | | | | | | 7 | | Ħ | | | |
| Black painted aluminium | | | | | | | | 0 | | П | | | |
| Specific | × | | | | | | | - | | П | | | |
| | | | | | | | | | | П | | | |
| 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 | Ц | | | |
| | | | | | | | | | | | | | |
| OPTIONS | | | | | | | | | | _ | _ | | |
| Stop clock function via WEB interface | | | | | | | | | | _ | F | _ | |
| Timer : touch housing control block (flush and wall mount version) + 4 meters of cable - up/down | | | | | | | | | | | T I | | |
| Timer case + 15 m of cable | | | | | | | | | | | С | | |
| Temperature probe(accuracy $\pm 0.5^{\circ}$ C) + 5 m cable : temperature and | | | | _ | _ | _ | | | | | | | |
| hour displayed alternately | | | | | | | | | | | Т | | |
| Time beep output, or contact relays for end of timer | | | | | | | | | | | Ε | | |
| ASCII RS232 output(do not associate with Ascii input version) | | | | | | | | | | | Α | | |
| or : ASCII RS422-485 output(do not associate with Ascii input version) | | | | | | | | | | | R | | |
| Tropicalized | | | | | | | | | | | U | | |
| Specification | | | | | | | | | | | D | | |

GORGY D TIMING

LA

MARQUE DU TEMPS

LEDICA[®] REVERSO 10.M Indoor / Double face



0

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 VDC NTP POE (Power Over Ethernet) |
|--|--|
| Certification | CE, EN 60950, EN 55022, EN 55024, ROHS. |
| Maximum consumption | 16,42 VA |
| IP | 30 |
| MTBF | 46 267h. |
| MTTR | Display : 5 min. CPU : 5 min. Power supply : 5 min. |
| Weight | 3.1 – 3.6 kg |
| Dimension | 770x210x99mm (LxHxD) Mounting bracket : 150 mm |
| Digit height | Hour/minute : 110 mm Date : 50 mm (Alphanumeric display for day and month) |
| Maximal distance of legibility | 60 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 | Vollow | Blue : 625 mcd |
| Green : 780 mcd | Yellow | White : 625 mcd |



Ref : BDR UK3-8 LEDI-Calendar-V3.2 -priceless All technical changes, aesthetic, colour can be made without prior notice. Professional LED clock with tri-color display, robust and stylish combining the best of the technology for an easy installation and operation.

RGY **FD** T



Key feature

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 Single face IP54 waterproof. Double face IP30 or IP54 waterproof. An easy "plug and play" installation. Its participation in the sustainable development life span over 20 years.

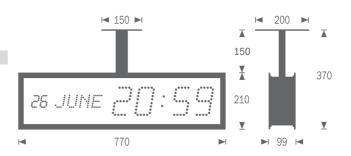
2 years warranty.

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)



LEDICA[®] REVERSO 10.M Indoor / Double face

0

| | | | ľ | TEN | | DD | E | | | | | | | |
|---|---|------------|---|-----|----------|-----|---|---|---|---|---|---|----|--|
| | | ND393 / 2 | | 1 | |] [| | Г | | Г | ٦ | | 1 | |
| | | | | l | | | | L | | | | | | |
| DISPLAY Double face | | ↑ 2 | 1 | | <u>↑</u> | П | 1 | | ↑ | 1 | T | 1 | | |
| | | | | | | П | | | | | | | T | |
| VERSION | | | | | | Ш | | | | | | | | |
| Standalone : TCXO quartz radiosynchronizable time base Accuracy +/- 0.1 sec/24 h (between 0°C and 40°C) | | | 2 | | | Ш | | | | | | | | |
| DCF Radiosynchronization. Antenna + 4m of cable | | | D | | | H | | | | | - | | + | |
| GPS Antenna + 10m of cable | | | G | | | П | | | | | | | T | |
| 24V reversed parallel minute pulses receiver clock | | | 3 | | | Π | | | | | | | | |
| Minute 60V receiver | | | ۷ | | | | | | | | | | | |
| Serial reversed 1/2 minute pulses receiver clock | | | 5 | | | | | | | | | | | |
| Consumption 1.25V. 60 to 120mA. 39 ohms shunt AFNOR NFS 87500* receiver clock | | | 8 | | | H | | | | | | | | |
| SMPTE-EBU receiver clock | | | 7 | | | H | | | | | | | | |
| ASCII RS 232 receiver clock | | | B | | | Π | | | | | | | T | |
| ASCII 422/485 receiver clock | | | Q | | | | | | | | | | | |
| DHW 869.525 Mhz Synchronization | | | L | | | | | | | | | | | |
| NTP Ethernet 10/100 base T Synchronization | | | Ν | | | Ц | | | | | | | | |
| Wi-Fi(IEEE 802.11B/G standard) | | | W | | | Ц | | | | | | | _ | |
| *IRIG.B Version: to be specified as « remark » on your Purchase Order. | | | | | | Ш | | | | | | | | |
| CONFIGURABLE LED | | | | | | Ш | | | | | | | | |
| Configurable colour : red, yellow, green | | | | | 1 | | | | | | | | | |
| Configurable colour : white or blue | | | | | 5 | Ц | | | | | | | | |
| | | | | | | | | | | | | | | |
| MOUNTING To be associated with requested brackets ** | | | | | | - | Р | | _ | _ | _ | - | - | |
| ** Please refer to the brackets technical sheet | | | | | | | F | | - | - | | | t | |
| 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 | 2 | | | |
| Low voltage power supply : 24 VDC | | | | | | | | | | 4 | | | | |
| Low voltage power supply : 48 VDC | | | | | | | | | | 6 | ; | | | |
| | | | | | | | | | | | | | | |
| OPTIONS Step clock function via WEP interface | | | | | | | | | | | | F | +- | |
| Stop clock function via WEB interface Timer : touch housing control block (flush and wall mount version) | | | | | | | | | _ | _ | | | | |
| + 4 meters of cable - up/down | | | | | | | | | | | | 1 | | |
| Timer case + 15 m of cable | | | | | | | | | | | | С | | |
| Temperature probe(accuracy ± 0.5°C) + 5 m cable : temperature and hour displayed alternately | | | | | | | | | | | | Т | | |
| Time beep output, or contact relays for end of timer | | | | | | | | | | | | Е | T | |
| 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 | | |

GORGY J TIMING

M A

RQUE DU TEMPS

LEDICA[®] 10.M.S Indoor / Single face



0

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 B 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 VDC NTP POE (Power Over Ethernet) |
|--|---|
| Certification | CE, EN 60950, EN 55022, EN 55024, ROHS. |
| Consommation maximale : | 14,99 VA |
| IP | 30 |
| MTBF | 46 267 h. |
| MTTR | Display : 5 min. CPU : 5 min. Power supply : 5 min. |
| Weight | 3,6 kg |
| Dimension | 930x210x62 mm (LxHxD) |
| Digit height | Hour/minute : 110 mm Second : 80 mm Date : 50 mm (Alphanumeric display for day and month) |
| Maximal distance of legibility | 60 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 | reliow | White : 625 mcd |



Ref : BDR_UK3-8_LEDI-Calendar-V3.2 -priceless All technical changes, aesthetic, colour can be made without prior notice. Professional LED clock with tri-color display, robust and stylish combining the best of the technology for an easy installation and operation.

RGY D



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)



LEDICA[®] 10.M.S Indoor / Single face

| | | ITEM CODE | | | | | | | | | | | |
|---|---|-----------|--------|-----------|---|---|----------|---|----------|---|----------|---|--|
| | | N394 / | | 1 Г | | | | ٦ | | Г | | | |
| VERSION | | 11394 / | ↑ | | ^ | | ↑ | | ^ | L | ↑ | | |
| Standalone : TCXO quartz radiosynchronizable time base | | | т 2 | | | | | T | T | | T | | |
| Accuracy +/- 0.1 sec/24 h (between 0°C and 40°C) | | | | | | | | _ | | _ | | | |
| DCF Radiosynchronization. Antenna + 4m of cable | | | D | | | | _ | _ | | _ | _ | | |
| GPS Antenna + 10m of cable | | | G | | | | _ | _ | _ | + | _ | | |
| 24V reversed parallel minute pulses receiver clock | | | 3 | | | | | _ | | _ | | | |
| Minute 60V receiver | | | ۷ | \square | | | | _ | | - | _ | | |
| 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 | | | В | | | | | | | | | | |
| ASCII 422/485 receiver clock | | | Ø | | | | | | | | | | |
| DHW 869.525 Mhz Synchronization | | | L | П | | | | | | | | | |
| NTP Ethernet 10/100 base T Synchronization | | | Ν | | | | | | | | | | |
| Wi-Fi(IEEE 802.11B/G standard) | | | W | Π | | | | | | | | | |
| *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 | | | | Т | | | |
| ** 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 | | | | | | | | | | | С | | |
| Temperature probe(accuracy ± 0.5°C) + 5 m cable : temperature and hour displayed alternately | | | | | | | | | | | т | | |
| 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 | | |
| Opeenication | | | | | | | | | | | _ | | |

GORGY J TIMING

MARQUE DU TEMPS

LEDICA[®] REVERSO 10.M.S Indoor / Double face



0

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 B 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 VDC NTP POE (Power Over Ethernet) | | | | | |
|--|--|--|--|--|--|--|
| Certification | ertification CE, EN 60950, EN 55022, EN 55024, ROHS. | | | | | |
| Maximum consumption | 17,99 VA | | | | | |
| IP | 30 | | | | | |
| MTBF | 46 267 h. | | | | | |
| MTTR | Display : 5 min. CPU : 5 min. Power supply : 5 min. | | | | | |
| Weight | 3.6 - 4 kg | | | | | |
| Dimension | 930x210x99 mm (LxHxD) Mounting bracket : 150 mm | | | | | |
| Digit height | Hour/ minute : 110 mm Second : 80 mm Date : 50 mm (Alphanumeric display for day and month) | | | | | |
| Maximal distance of legibility | 60 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 | Vollow | Blue : 625 mcd |
| Green : 780 mcd | Yellow | White : 625 mcd |



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

easy installation and operation.



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 : Single face IP54 waterproof.

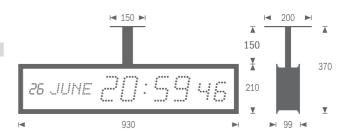
Double face IP30 or IP54 waterproof. An easy "plug and play" installation. Its participation in the sustainable development life span over 20 years. 2 years warranty.

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.
- GP5.
- 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.

LEDICA[®] REVERSO 10.M.S Indoor / Double face

| | [| ITEM CODE | | | | | | | | | | ΙΓ | | |
|--|---|-----------|--------|---|--------------|-----------|----------|---|---|----------|-----|----|-----------|--|
| | ſ | | | ſ | | 1 Г | | | ٦ | | ו ר | | | |
| | | ND394 / 2 | | | - | | | L | | Ļ | | | | |
| DISPLAY | | 2 | 1 | | 1 | | 1 | 1 | | <u>^</u> | П | 1 | | |
| Double face | | 2 | | | | | | | | | + | | | |
| VERSION | | | | | | | | | | | | | | |
| Standalone : TCXO quartz radiosynchronizable time base | | | 2 | | | | | | | | Ħ | | | |
| Accuracy +/- 0.1 sec/24 h (between 0°C and 40°C) | | | | | | | | | | | | | | |
| | | | D | | | | | _ | | | Н | | | |
| | | | G 3 | | | | | _ | _ | _ | H | | _ | |
| | | | V | | | | | _ | _ | - | + | | | |
| Serial reversed 1/2 minute pulses receiver clock | - | | - | | | \vdash | | _ | _ | | Η | | | |
| Consumption 1.25V. 60 to 120mA. 39 ohms shunt | - | | 5 | | | | | | | | | | | |
| AFNOR NFS 87500* receiver clock | | | 8 | | | | | | | | | | | |
| SMPTE-EBU receiver clock | | | 7 | _ | | | | | | | | | | |
| | | | В | | | Ц | | | | | | | | |
| | | | Q | | | | | | | | | | | |
| | | | L | | | | | | _ | | | | | |
| | | | N | | | | | | | | | | | |
| Wi-Fi(IEEE 802.11B/G standard) *IRIG.B Version: to be specified as « remark » on your Purchase Order. | | | W | | | \square | | | _ | | Н | | _ | |
| INIC.D Version. to be specified as « remark » on your Furchase Order. | | | | | | | | | | | | | | |
| CONFIGURABLE LED | | | | | | | | | | | | | | |
| Configurable colour : red, yellow, green | | | | | 1 | | | | | | | | | |
| Configurable colour : white or blue | | | | | 5 | | | | | | | | | |
| | | | | | | | | | | | | | | |
| MOUNTING | | | | | | _ | Р | _ | _ | | + | | | |
| To be associated with requested brackets ** ** Please refer to the brackets technical sheet | | | | | | | ۲ | | | | H | | | |
| COLOUR OF CASE | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Black painted aluminium | | | | | | | | 0 | | | П | | | |
| Specific | × | | | | | | | - | | | Π | | | |
| | | | | | | | | | | | П | | | |
| POWER SUPPLY | | | | | | | | | | | | | | |
| | | | | | | | | | | 0 | | | | |
| | | | | | | | | | | 1 | Ц | | | |
| | | | | | | | | | | 7 | Н | | | |
| | | | | | \mathbb{H} | | | | | | | | | |
| | | | | | | | | | | 6 | + | | | |
| | | | | | | | | | | • | Ч | | | |
| OPTIONS | | | | | | | | | | | | | | |
| | | | | | | | | | | | | F | | |
| Timer : touch housing control block (flush and wall mount version) | | | | | | | _ | | | | | T | | |
| + 4 meters of cable - up/down | | | | | | | | | | | | | | |
| Tomporature proba(accuracy $\pm 0.5^{\circ}$ C) ± 5 m apple \pm tomporature and | | | | _ | | | | _ | | | | С | | |
| hour displayed alternately | | | | | | | | | | | | т | | |
| | | | | | | | | | | | | Е | | |
| ASCII RS232 output(do not associate with Ascii input version) | | | | | | | | | | | | Α | | |
| or : ASCII RS422-485 output(do not associate with Ascii input version) | | | | | | | | | | | | R | | |
| | | | | | | | | | | | | U | \square | |
| Specification | | | | | | | | | | | | S | | |

GORGY D TIMING

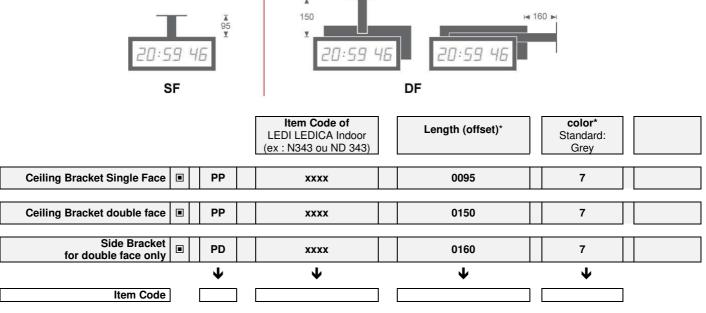
M A

RQUE DU TEMPS



MOUNTING BRACKETS FOR "LEDI & LEDICA" RANGE

- Brackets for Indoor Clocks single / double face



*Other lengths or colors on request

