

Technical features

Digital clock

Opalys Ellipse

Description :

- ▶ Indoor clock with backlit liquid crystal display (LCD)
- ▶ Hour and multilingual date display, with temperature
- ▶ Extra flat casing.
- ▶ Readability 20 metres, angle of vision 160°.
- ▶ External power supply 230VAC.
- ▶ Versions: independent quartz, radio synchronised (FI or DCF), DHF receiver, impulse slave movement or IRIG B/AFNOR coded time receiver.



Technical features:

- ▶ Multifunctional display.
- ▶ Display in a choice of 12 languages.
- ▶ 12 or 24 hour display mode.
- ▶ Pre-programmed automatic summer/winter time changeover and perpetual calendar with multi-time zones.
- ▶ Permanent data savings.
- ▶ Accuracy of the time quartz base : 0,2 second/day.
- ▶ ABS casing, IP40, IK02.
- ▶ Silent operation.
- ▶ Programming and time setting through 2 buttons.
- ▶ Eco function providing energy savings through switching off display between 23.00 and 6.00.
- ▶ Casing colour: aluminium.
- ▶ Operating temperature : from 0 to 50°C.
- ▶ Humidity : 80% at 40°C.
- ▶ Weight : 1,4 Kg.

Multifunctional clock:

Possibility for fixed or alternate display on the bottom display line :

- ▶ Multilingual date.
- ▶ Numerical date.
- ▶ Indoor ambient temperature.
- ▶ Day number (Julian) and week number.
- ▶ Second counter.
- ▶ Site or city or company name or message (up to 7 characters).



Opalys Ellipse references

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|---|----------|
| ▶ Radio synchronised France Inter | 938 322A |
| ▶ Radio synchronised DCF | 938 324A |
| ▶ Slave movement on impulses or IRIG B/AFNOR receiver | 938 333A |
| ▶ DHF radio receiver | 938 342A |



Bodet

Technical features.

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Table support



Double-sided bracket

Movements and synchronisation:

DHF movement

- ▶ The clock is radio-synchronised by a DHF transmitter.
- ▶ Automatic summer/winter time changeover.

FI or DCF Radio synchronised movement

- ▶ The clock is independent, the time information comes from its own time basis which is rectified, in case of drift, by comparing it to the FI or DCF transmitter signal.
- ▶ The radio synchronisation permit to display the time with perfect accuracy.
- ▶ Automatic summer/winter time changeover.

IRIG B/AFNOR coded time receiver

- ▶ The coded time distribution consist in transmitting a complete time message each second :
the setting on time of the receivers is realised automatically and speedily as soon as they are connected on the clock line.
- ▶ The IRIG B/AFNOR coded time does not transmit interference and is insensitive to other electrical interference.

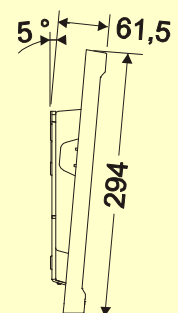
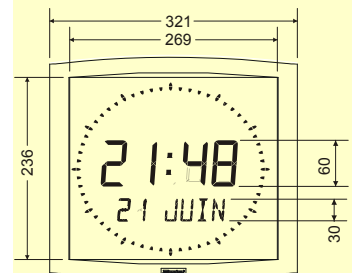
24V minute impulses receiver movement

- ▶ The receiver clocks are connected to a distribution line and activated by means of electrical impulses transmitted every minute by the master clock.

Norms:

- ▶ Norm NF EN50081-1 : generic emission standard.
- ▶ Norm NF EN50082-1 : generic immunity standard.
- ▶ Norm NF EN60950 : safety of information technology equipment.

Dimensions in mm



Options:

- | | |
|---|---------|
| ▶ Wall support (supplied with each clock) | 202 271 |
| ▶ Table support | 938 902 |
| ▶ Double sided bracket for wall or ceiling mounting | 938 901 |
| ▶ Double sided bracket for wall or ceiling mounting (long length) | 938 905 |
| ▶ Single or double sided bracket specific length for wall or ceiling mounting | 938 908 |
- (Please specify on the order the fixing mode (wall or ceiling) and the length between the top of the clock and the fixing point).

