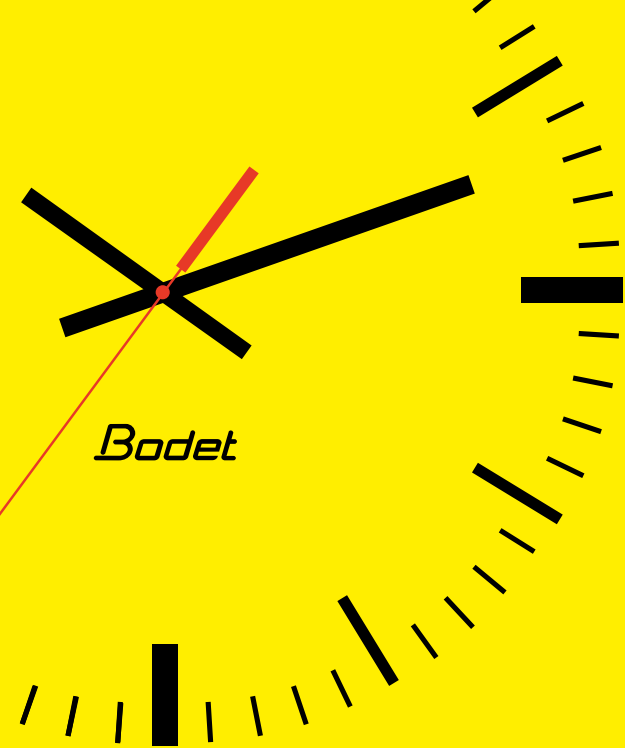


Time management

TIME DISPLAY
SYNCHRONISATION / DISTRIBUTION

Bodet



Synchronise every moment

Bodet is a French family company founded in 1868. It has earned a reputation for its expertise in time management, building on its primary activity of tower clock restoration as Bodet Campanaire. Over the years, the company has expanded its time precision know-how to apply it to sports scoreboards, industrial clocks, sound systems, as well as time and attendance management. Thus, alongside Bodet Campanaire, the entities Bodet Sport, Bodet Time and Kelio were founded.

Now managed by the fifth generation of the Bodet family, the company continues to grow both in France and internationally, focussing on innovation to create a range of high-tech products designed and manufactured in France. Bodet's products offer time synchronisation and distribution to many players within the public administration, education, health, industry and transport.

Bodet Time also provides telephone assistance in many languages. Our technical experts help our clients set up the products and perform functional and technical software updates.

MADE IN FRANCE

The biggest selection on the market

Information about time is essential to any activity. Time must not simply be displayed: it must be reliable, precise, and synchronised. And since each organisation is unique, Bodet offers a wide range of clocks that can suit any need:

Ranges

PROFIL

Time display for all

This classic range includes analogue clocks for indoor and outdoor use with an understated, timeless design.



STYLE

Customisable time display

This range of digital LED clocks with a clean, modern style is designed for indoor use.

HMT/HMS LED

Outdoor time display

These digital LED clocks are robust and designed for outdoor environments and large indoor spaces.

CRISTALYS & OPALYS

LCD time display

These two ranges of stylish digital clocks are perfect for indoor environments.



How to choose a clock?

Above all, a clock must display time in an easy-to-read way that is appropriate for its environment. Its display mode, features, and synchronisation mode also need to be considered.



The market

Whether in factories, production workshops, logistics platforms, school environments, healthcare facilities, train stations, or airports, our solutions can meet any need.

Time synchronisation

Time synchronisation delivers identical time information to a network of clocks located within one or more buildings via a master clock or a time server. The chosen synchronisation mode will depend on the existing technical installation, the number of rooms and the surface area of the buildings on your site.



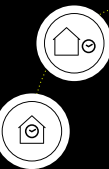
Display mode

Several different display modes are available: analogue, LED, and LCD. Some clocks can be customised to display additional information such as seconds, the date, the day of the week, the temperature, or custom text.

Reading distance

There is a wide range of clock sizes to suit all kinds of places, such as offices, airport concourses, or train station platforms. To make sure that the time is easy to read, a wide range of digit heights and dial diameters is available.

A few reference points:
Office, classroom: 20 m
Entrance hall: 30 m
Train station platform: 80 m
Stadium/car park: 150 m



The environment

Inside or outside, each clock is designed to fit into its environment. Outside, clocks are subject to different constraints such as extreme temperatures and extreme weather events, impacts, pressure cleaners, and rain.

Design

The clock's style is an important factor to take into account so that it can fit in harmoniously in any establishment. This is why Bodet offers several types of displays, colours, materials, and markings. Not to mention our custom creations. If you want a bespoke creation, contact us.

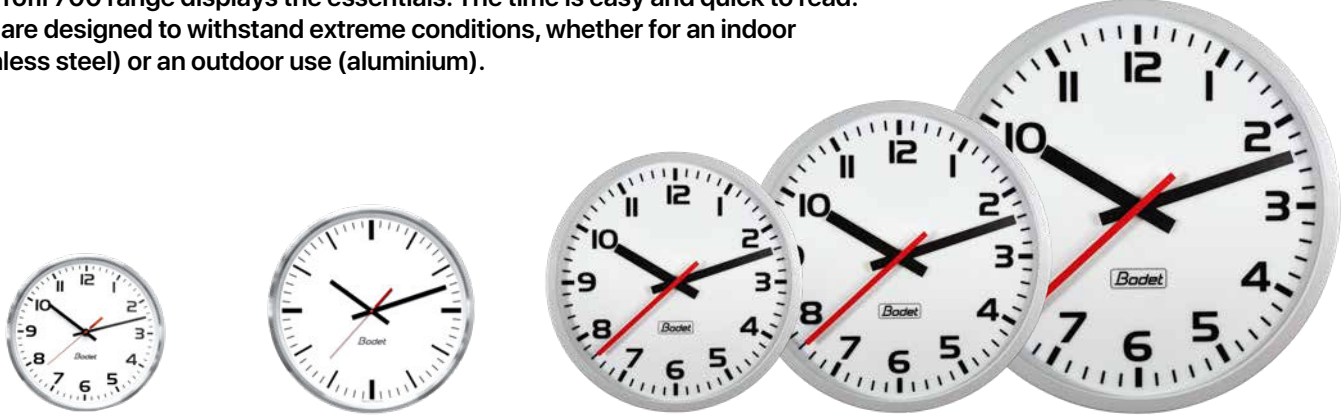


Profil 700

Exceptionally resilient



The Profil 700 range displays the essentials. The time is easy and quick to read. They are designed to withstand extreme conditions, whether for an indoor (stainless steel) or an outdoor use (aluminium).



● Profil 730 ● Profil 740 ● Profil 750 Profil 760 Profil 780

Product advantages

- **IK08 impact resistant** with aluminium casing and tempered glass lens. IK09 as an option with a polycarbonate lens (*Profil 750, 760 & 780*)
- **Withstands heavy tropical rain**, IP 54 as standard / IP 65 as an option (*Profil 750, 760 & 780*)
- **Withstands cleaning products** with a stainless steel bezel and a tempered glass lens (*Profil 730 & 740*)
- **LED lighting** on option (*Profil 740, 750, 760 & 780*)

Characteristics

Synchronisations



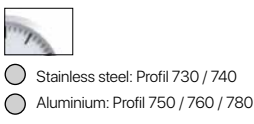
* DHF and WIFI: 730 and 740 only
** GPS: 750, 760, and 780 only

Dials

Three marking options



Bezels



	PROFIL 730	PROFIL 740	PROFIL 750	PROFIL 760	PROFIL 780
Dial diameter	30 cm	40 cm	50 cm	60 cm	80 cm
Reading distance	20 m	35 m	50 m	60 m	80 m
Display	Hours, minutes, seconds ¹				
Mounting options	Wall ²				
Use	Indoor	Indoor	Indoor or Outdoor		

¹ On option: seconds
² On option: mast / ceiling



Profil 900

The analogue classic

With its understated, timeless design, the Profil 900 is Bodet's most popular clock. Many facilities choose this model because it offers all the types of synchronisation and a wide range of dial sizes.



● Profil 930



● Profil 940



● Profil 960



Profil 930 L

An ecological clock

The Profil 930 L clock is innovative as it is a 100% standalone solution. Powered by natural and artificial light, it is easy to install since no wiring is required for power and the synchronisation is made via Bodet DHF radio waves.



● Profil 930 L



Product advantages

- Reading distance: from 20 to 60 m
- Reinforced fibreglass manufacture (IK08 - Profil 960)
- Available in a double-sided version
- Various attachment methods (wall, ceiling, mast)

Product advantages

- 100% recycled material, version with black background
- The organic solar cells are completely re-usable
- This model operates using a **light energy source** such as sun or artificial light
- The clock stores its energy **without using any batteries**
- The clock has a **radio synchronisation**. Therefore no wiring is required.

Characteristics

Synchronisations



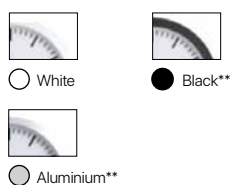
* WIFI: all except profil 960
** GPS: 960 outdoor only

Dials

Three marking options



Bezels



** Outdoor models only in white

	PROFIL 930	PROFIL 940	PROFIL 960
Dial diameter	30 cm	40 cm	60 cm
Reading distance	20 m	35 m	60 m
Display	Hours, minutes, seconds ¹		
Mounting options	Wall ²		
Use	Indoor	Indoor or Outdoor	

¹ On option: seconds
² On option: mast / ceiling / single- or double-sided

Characteristics

Synchronisations



Dials

Two marking options



Bezels



	PROFIL 930 L
Dial diameter	30 cm
Reading distance	20 m
Display	Hours, minutes
Mounting options	Wall ¹
Use	Indoor

¹ On option: mast / ceiling / single- or double-sided



Style



Simple and modern

Style digital clocks make telling time easy with their digital display (hours/minutes). The clocks are easy to use with a clean, modern design.



● Style 5



● Style 7



● Style 10

Product advantages

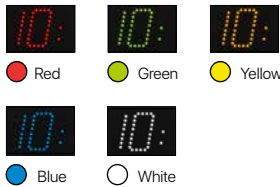
- ❖ **Five LED colours** to choose from (red, green, yellow, blue, and white)
- ❖ **Four levels** of adjustable brightness
- ❖ **Easy to read** with a matt finish that removes glare.
- ❖ **An energy-saving mode** that can be scheduled for a specific time slot

Characteristics

Synchronisations



LED colours



	STYLE 5	STYLE 7	STYLE 10
Display height	5 cm	7 cm	10 cm
Reading distance	20 m	30 m	40 m
Display	Hours, minutes, date, temperature, week number		
Mounting options	Wall ¹		
Recess mounting (as an option)			
Waterproof (as an option)			
Use	Indoor		

¹. On option: mast / ceiling / single- or double-sided

Style S



Optimised time management

These precise and complete models display the hours, minutes and seconds too. These features allow you to measure speaking time during meetings, the time spent on a task, to control processes, or start a countdown to an event.



● Style 5S



● Style 7S



● Style 10S



● Style 7 Ellipse

Product advantages

- ❖ **Displays additional information:** seconds, date, temperature
- ❖ **Game clock function** (counting up, counting down) with Style and Style OP keyboard (except Style 7 Ellipse)

Characteristics

Synchronisations



LED colours



	STYLE 5S	STYLE 7S	STYLE 10S	STYLE 7E
Display height	5 cm	7 cm	10 cm	7 cm
Reading distance	20 m	30 m	40 m	30 m
Display	Hours, minutes, seconds, date, temperature, week number			
Mounting options	Wall ¹			
Recess mounting (as an option)				
Use	Indoor			

¹. On option: mast / ceiling / single- or double-sided



Health: when each second counts

Style 7S OP*, Style 5S OP*, Style OP keyboard: these models are perfectly suited to the healthcare sector. These clocks' design helps hospitals and clinics to respect the strictest standards of hygiene and to precisely time each surgical act, such as anaesthesia, surgery or operation.

Product advantages

- ❖ **Stainless steel bezel and tempered glass lens** to make operating rooms easier to clean
- ❖ **Recess-mountable models** to avoid dust build-up
- ❖ **Game clock function** (Style OP keyboard) to **count time up or down**

* LED colours: red or green
Available in Impulse, AFNOR and NTP



Style Date

A complete display

This range of clocks shows the time as well as other information. It offers a very complete display system.



Style 7 Date



Style 10 Date



Style 10S Date



Product advantages

- Three types of attachment available: wall, mast, or ceiling
- Simultaneous display of the date and time
- Other information possible: day of the week, alternating languages

Characteristics

Synchronisations



LED colours



Industry: clocks adapted to the sector

The Style 7 Date and Style 10S Date clocks have been developed for the environments specific to food processing and manufacturing, etc.

Product advantages

- Recess-mounted version to limit dirt build-up (Style 7 Date only)
- Waterproof version (IP55) to withstand splashes of water while cleaning facilities (Style 7 Date only)



World Style

An international clock

This range of clocks displays several time zones and shows the time in several cities around the world simultaneously (up to seven cities). Perfect for companies and airports with an international audience.



World Style

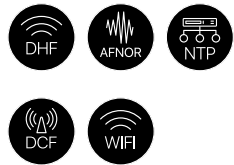


Product advantages

- Option of selecting cities from around the world
- Can show 3, 4, 5, 6, or 7 cities
- Choice of five LED colours
- Adjustable brightness

Characteristics

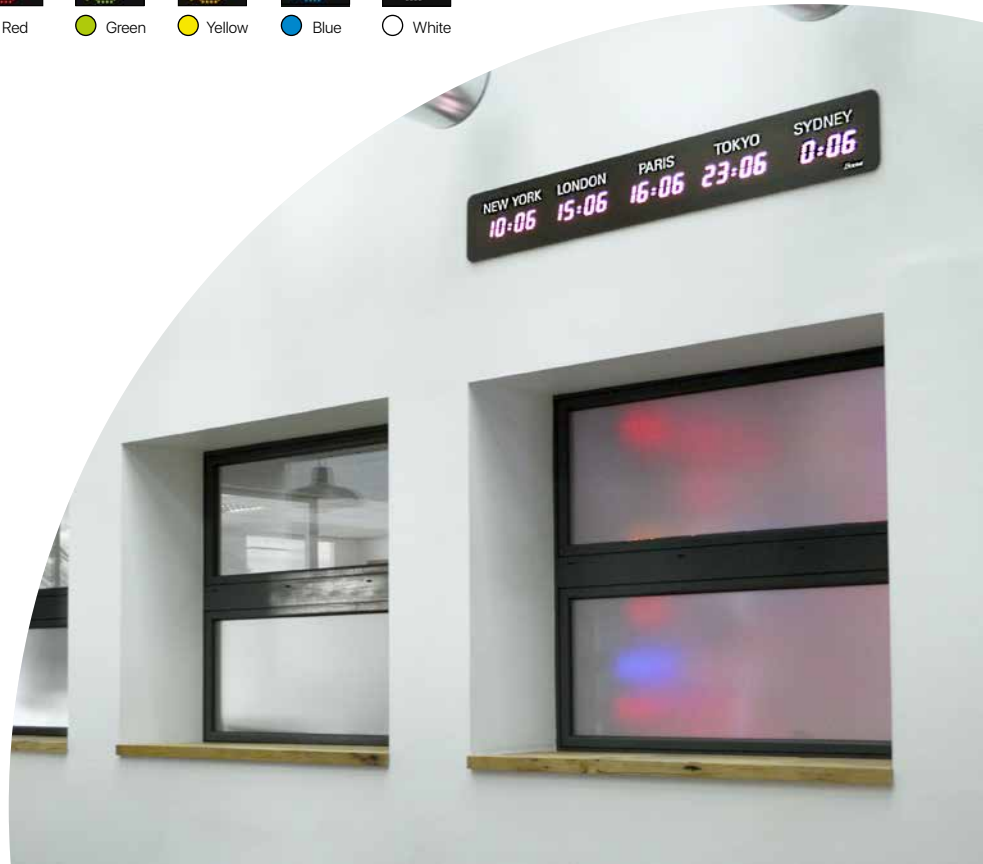
Synchronisations



LED colours



	GLOBAL
Display height	5 cm
Reading distance	20 m
Display	From 3 to 7 cities
Mounting options	Wall
Use	Indoor



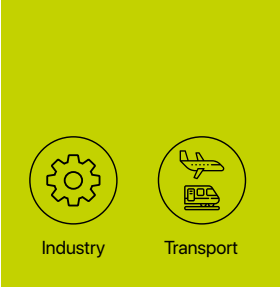
HMT LED

For perfect readability

The HMT LED range of clocks is suitable for the most demanding climate conditions, such as humidity and extreme temperatures. It combines all the technical performance needed to fit into outdoor and large indoor spaces such as airports, train stations, car parks, shopping centres, factories and stadiums.



HMT LED



HMS LED

A clock for transport

The clocks in the HMS LED range, specifically intended for the transport sector, are often put to the test. Between the sun, high temperatures, rain, ice, cold, and impacts, they are designed to resist all kinds of weather conditions.



HMS LED



Product advantages

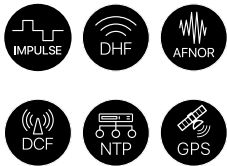
- **Waterproof** (IP54)
- **Resilient** (IK07 for better impact resistance)
- **Time count/countdown mode**
- **Automatic display** brightness adjustment
- **Time easy to see** thanks to anti-glare protection

Product advantages

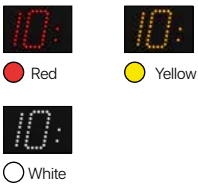
- **Complete time display** (hours, minutes, seconds, temperature)
- **Additional optional functions** (count-up or countdown game clock)
- **Casing that resists** dust, water, and exterior impacts
- **Equipped with tropicalised electronic boards** (to prevent rust, humidity and mould)

Characteristics

Synchronisations



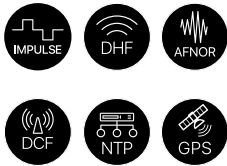
LED colours



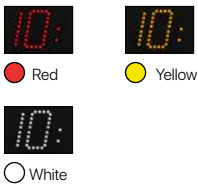
	HMT 10	HMT 15	HMT 20	HMT 25	HMT 45
Display height	10 cm	15 cm	20 cm	25 cm	45 cm
Reading distance	40 m	60 m	90 m	120 m	200 m
Display	Hour, minutes, date, temperature				
Mounting options	Mast, ceiling, double sided				Wall
Waterproof	●				
Use	Outdoor				

Characteristics

Synchronisations



LED colours



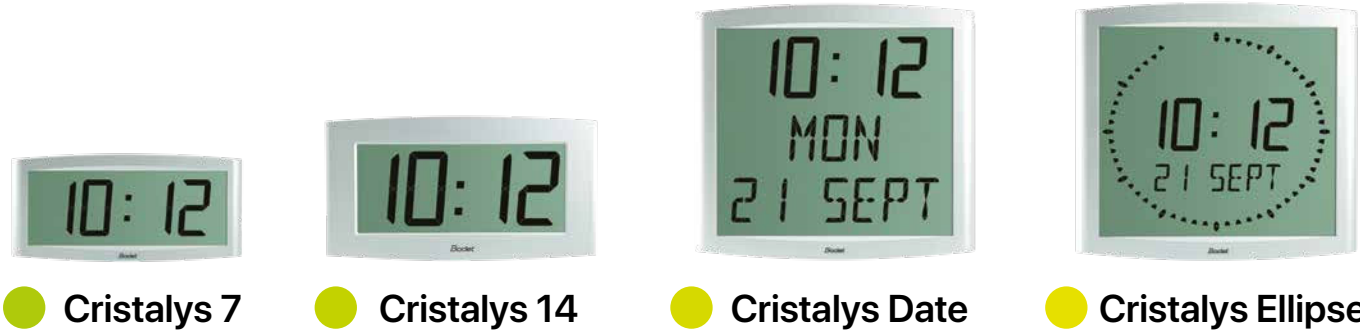
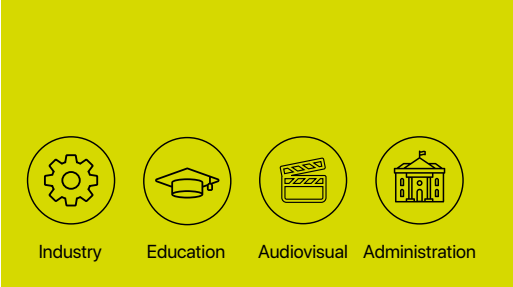
	HMS 10	HMS 15	HMS 25	HMS 45
Display height	10 cm	15 cm	25 cm	45 cm
Reading distance	40 m	60 m	120 m	200 m
Display	Hours, minutes, seconds, date, temperature, week number			
Mounting options	Mast, ceiling, double sided			Wall
Waterproof	●			
Use	Outdoor			



Cristalys

For multifunction displays

At once remarkable and understated, this range of clocks fits into any environment. You can regularly find them in meeting rooms, offices, and reception halls in businesses and public administrations.

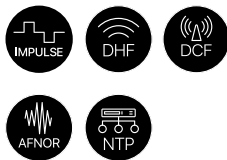


Product advantages

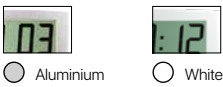
- **Easy to read** with high contrast
- **Low energy consumption**
- **Many display possibilities** depending on the model, such as multilingual or numerical date, year, day and week number, ambient temperature, names of cities or places, or event countdowns
- **Batteries last more than three years** on battery-powered models

Characteristics

Synchronisations



Casing colours



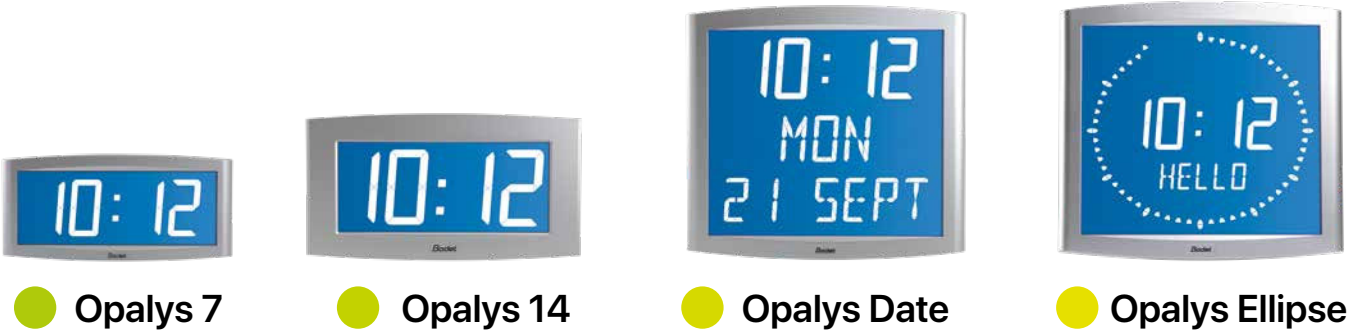
	CRIS. 7	CRIS. 14	CRIS. ELLIPSE	CRIS. DATE
Display height	7 cm	14 cm	7 cm	
Reading distance	30 m	60 m	25 m	30 m
Display	Hours, minutes, date, temperature* and week number		+ seconds and custom texts	+ day of the week
Mounting options	Wall ¹			
Recess mounting (option)		●		
Use	Indoor			

*Except Cristalys 7
1. On option: mast / ceiling / table support

Opalys

Clocks to set the time to your day

Opalys is a range of indoor clocks with clean lines. Its backlit LCD screen softly shows the time. It has a fixed or alternating mode to broadcast a variety of information throughout the day.

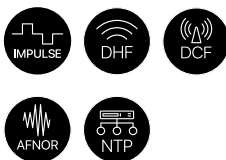


Product advantages

- **LCD display with a wide reading angle** (160°)
- **Easy to see** in large, poorly lit, or dark spaces
- **Anti-theft locking system** with provided wall support
- **Many display possibilities** depending on the model, such as multilingual or numerical date, year, day and week number, ambient temperature, names of cities or places, or event countdowns

Characteristics

Synchronisations



Casing colours



	OPA. 7	OPA. 14	OPA. ELLIPSE	OPA. DATE
Display height	7 cm	14 cm	7 cm	
Reading distance	30 m	60 m	25 m	30 m
Display	Hours, minutes, date, temperature* and week number		+ seconds and custom texts	+ day of the week
Mounting options	Wall ¹			
Recess mounting (option)		●		
Use	Indoor			

*except Opalys 7
1. On option: mast / ceiling / table support

What is synchronisation?

Synchronisation is the stage that occurs before time distribution when the master clock or time server retrieves a very precise time from satellites (GPS, Galileo, Beidou, GLONASS) or land antennas (DCF).

The master clock or time server receives the UTC message and distributes the information to the clocks. During the summer/winter time changeover, it transmits the synchronisation time message after applying the time difference.

Bodet's two solutions

Master clocks

Master clocks distribute a precise, reliable time to the other clocks.

The Sigma software installed on a PC configures the master clock to distribute the time to the clocks.



● SIGMA H, P, C, Mod

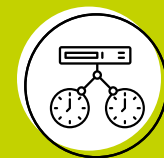
Time servers

Time servers transmit extremely precise time information to devices connected to the IT network, including clocks.

Netsilon's on-board web server allows you to configure the time server. This web server is accessible to authorised users from any computer on the IT network.



● Netsilon 7, 9, 11



Supervised time distribution

In addition to providing synchronisation, supervised time distribution allows you to configure, track the status of and receive alerts from a remote fleet of clocks through the IT network.

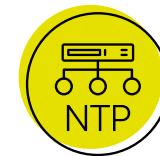
It operates with any SNMP-compatible software that receives the messages sent by the supervised clocks: battery faults, alarm faults, impacts, etc.

Benefits

- Supervision through an IT network allows you to send as well as receive data. On many models, this same cable is used to provide power.
- Since the SNMP protocol is a standard, clock tracking integrates into any supervisory system.
- There is no limit to the number of clocks that can be synchronised.
- A maintenance operation can be initiated as soon as a problem appears for an optimal reaction time.

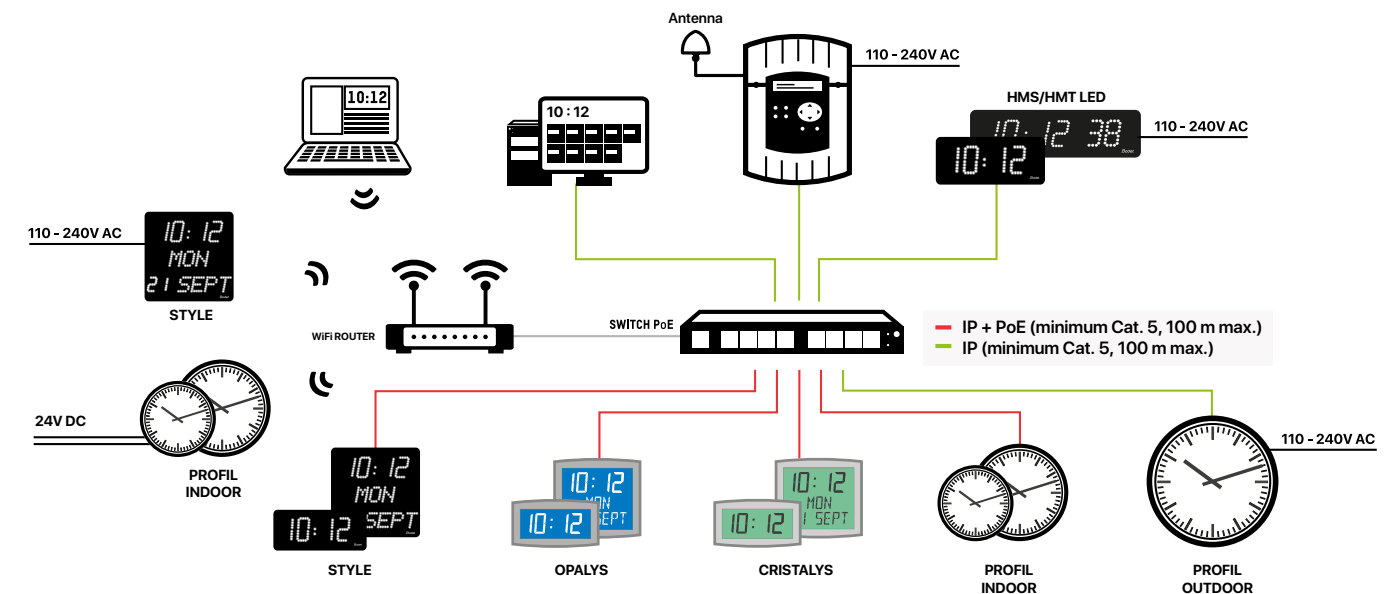
Time distribution

Time distribution consists of synchronising a network of clocks within one or more buildings via a master clock or a time server.



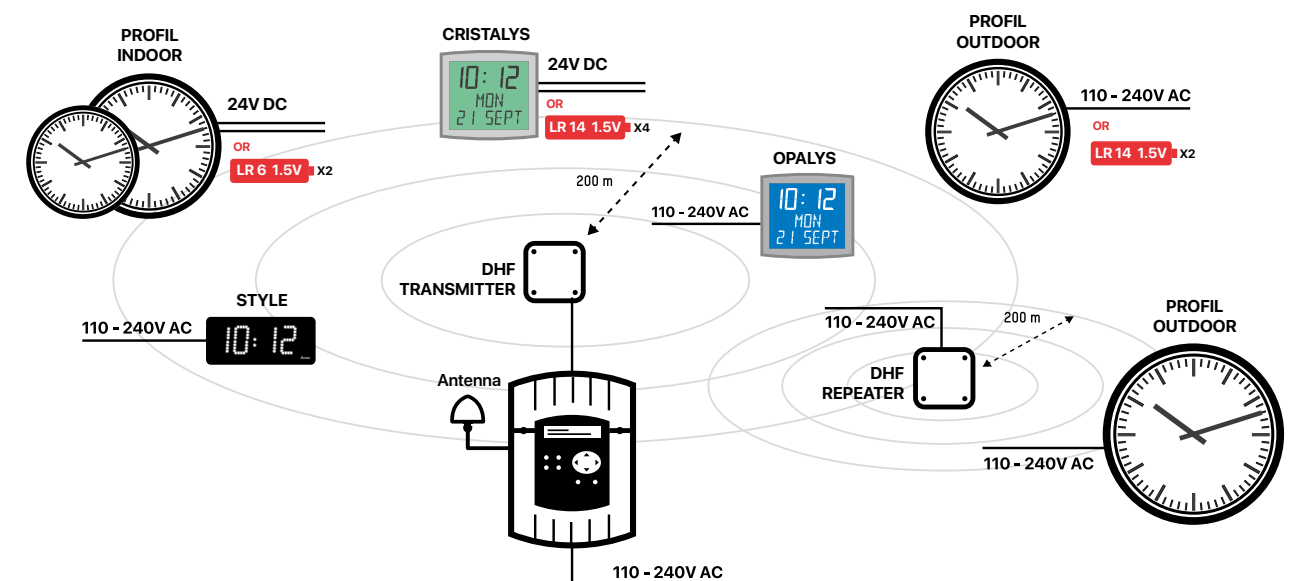
NTP: Ethernet Cable or Wi-Fi

When connected to the IT network, slave clocks receive the NTP (Network Time Protocol) time message from the master clock or time server. Clocks can use a wired or Wi-Fi connection to the network. The time message is sent periodically (Multicast) or on request (Unicast).



DHF wireless

The master clock automatically synchronises the slave clocks with a standard (NFS 87-500-C) 869 MHz radio time message. If there is radio disturbance, the group continues to work on its own time basis.



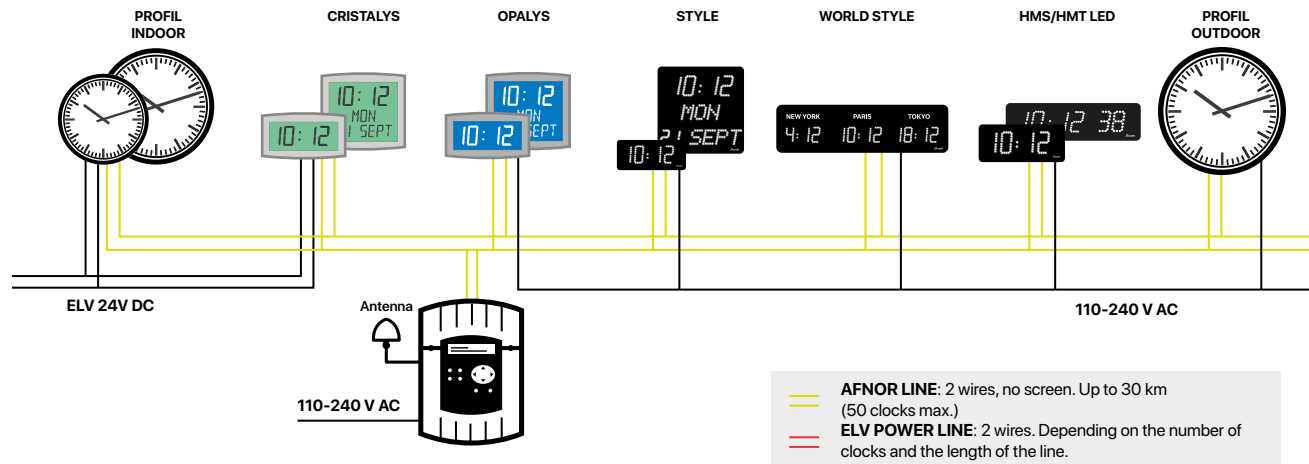
Free-field coverage: 1 km

Coverage inside buildings is limited by the structure and number of walls that the radio signal needs to pass through (100-200 m). The coverage zone can be extended using secondary transmitters. The number of slave clocks is unlimited.



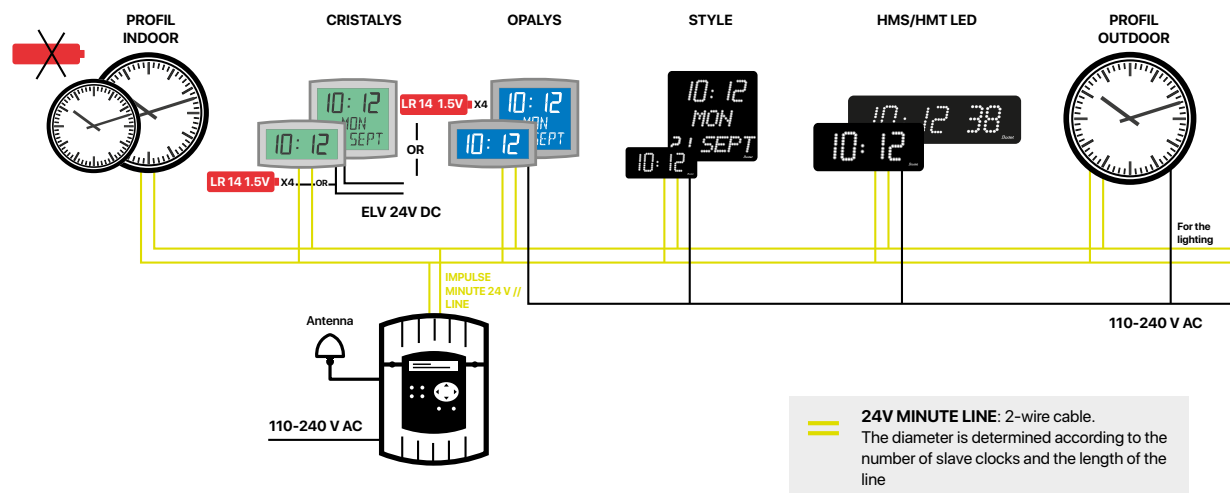
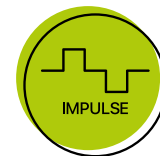
Time code/AFNOR

Time code distribution, also called AFNOR code, sends a complete time message over a wired line. This method of distribution is widely used in large installations (train stations, airports) and those that require long distances of cables (NFS 87-500 standard).



Impulse

The master clock sends electrical impulses every minute to the slave clocks on a distribution line. This method of distribution is often used in small and medium-sized installations.



We have their trust



See some of our customer references below:



Airport

France Roissy Charles de Gaulle | Paris-Orly | Nantes Atlantique | Bordeaux | Lyon Saint-Exupéry | **Guadeloupe** Pointe à Pitre | **Algeria** Algiers | **Morocco** De Casablanca Nouasseur | **Tunisia** Enfidha | **Belgium** Brussels | **Egypt** Cairo | **Italy** Malpensa Milan | **Maldives** Male International | **Spain** Madrid Barajas | Seville | **Germany** Stuttgart | **Hungary** Budapest | **Indonesia** Jakarta | **Thailand** Bangkok | **New Zealand** Wellington | **Kazakhstan** Astana | **Chile** Arturo Merino Benítez Santiago de Chile | **Cyprus** Larnaca | **Bulgaria** Sofia | **Turkey** Ankara | **Portugal** Lisbon



Audiovisual

France TF1 | Opéra de Lyon | Eutelsat | BSRQ Media | France TV | Radio LE SUN | **Switzerland** Radio Suisse Romande | Radio Télévision | TSR TV | **Belgium** RTBF | Studio Radio Libramont | **Italy** La Scala | **Spain** Ràdio Calella Televisió | Nova TV | RTV Murcia | TVE | **Egypt** Middle East Radio | **Thailand** Thai TV5 Channel | **Sweden** Sveriges Radio | **Poland** Radio Bajka | **Philippines** Sky Cable Corporation



Railways

United Kingdom Eurotunnel | **Canada** Toronto-York Metro | **Tanzania** Tanzanian Railways | **Turkey** Istanbul | **Portugal** REFER | **France** Paris Métro (RATP) | RER stations | TGV and train stations | **Algeria** Al Djazair Metro | Sidi Bel-Abbès Tramway | SNTF | **Morocco** ONCF | **Belgium** SNCB Brussels | Brussels Metro | **Senegal** TER in Dakar | **Switzerland** Nyon Railway | **Tunisia** Tunis Trains | **Spain** RENFE | **Greece** Athens Metro | **Romania** Bucharest Metro | **Colombia** Bogota | **Vietnam** VNR Hanoi | **Thailand** Bangkok Mass Transit System | **Azerbaijan** Baku | **Egypt** Cairo Metro



Education

United Kingdom Dulwich Preparatory School London | Blossom House School | Guru Nanak Sikh Academy | Southfield school | Djanogly City Academy | **Ireland** Kilmore College | **France** École Marcel Pagnol | Lycée Émile Zola | Montaigne Paris | **Switzerland** EPSU Geneva | **Algeria** Lycée International Alexandre Dumas Algiers | **Italy** Lycée Chateaubriand Rome | **Morocco** Lycée Louis Massigon Casablanca | **Senegal** Lycée Jean Mermoz de Dakar | **Spain** Lycée français Madrid | **Belgium** Shape US School | **Dubai** UAE GEMS Sports Academy | **Turkey** Tobb University Ankara | **Germany** Lycée Victor Hugo Frankfurt | **Indonesia** Lycée français Bali | **Peru** San Ignacio de Loyola University Lima | **Sweden** Lingenasskolan | **Kenya** Sabis International School | **Kuwait** Bayan International School | **Malaysia** Gems School | **Oman** Al Bayan College | **Singapore** National University of Singapore



Industry

United Kingdom Chevron | Amazon | Rea Valley Foods | **France** Toyota | Citroën | Peugeot | Michelin | Pirelli | Carrefour | Danone | Nestlé | Louis Vuitton | Longchamp | Total | **Switzerland** Swatch | **Belgium** Diteren | Toyota | AUDI | **Morocco** Primarios group | **Canada** Ultima Foods | **Italy** Barilla | **Czech Republic** Skoda Power | **Germany** Dachser | IDT | **Sweden** Scania | **Malaysia** Johnson & Johnson | B Braun | **Singapore** Hewlett Packard | **UAE** Dubai aluminium CCPP | **Netherlands** DHL Logistic | **Portugal** Renault | **Philippines** Honda | **Turkey** Mercedes | Lacoste



Finance

United Kingdom Barclay's | Bank of England | Northern Trust | HSBC | Schroders | Lloyds | **France** Banque de Commerce | Barclays' | Banque de France | Crédit Lyonnais | **Algeria** Bank of Algeria | **Morocco** Banque de Commerce | **Nigeria** Central Bank of West African States | **Senegal** CBWAS Bank | **Germany** Deutsche Bank | **Spain** Banque Populaire | **Portugal** Lisbon Stock Exchange | **Norway** Bank of Norway | **Indonesia** BTN Jakarta | **New Zealand** Deutsche Bank | **Singapore** Banque de France | **Abu Dhabi** National Bank | **Uruguay** Abitab



Administration

United Kingdom Ministry of Defence | **United Arab Emirates** Ministry of the Interior | Abu Dhabi Court House | **France** National Assembly | Ministry of Defence | Ministry of Industry | French Parliament | INSEE | **Belgium** European Parliament | NATO | **Ivory Coast** National Post Office | **Algeria** ASAL Algerian Space Agency | **Cameroon** Ministry of the Economy | **Austria** Central Post Office | **Germany** BKA (Federal criminal police office) | **Russia** Red Gate Moscow | **Maldives** Presidential Palace | **Kenya** The Parliament



Hotels

United Kingdom Hilton | **UAE** Hilton | **France** Ibis | Hilton | **Latvia** Marriott Hotel | **Switzerland** Ibis | **Austria** Hotel Almtesb | **Estonia** Radisson Blue Tallinn | **Germany** Novotel | **Spain** Hotel Mediterraneo | **Poland** Marriott Sheraton Warsaw | **Qatar** Mandarin Hotel Msheir | **Taiwan** Marriot | **Macau** Grand Hotel



Healthcare

United Kingdom Ulster Hospital | Sandwell General Hospital | Kings College Hospital | Chelsea and Westminster Hospital | Withybusch Hospital | **Australia** Victorian Hospital Melbourne | Queensland Hospital | **France** Marseille European Hospital | Montpellier University Hospital | **Algeria** Alger University Hospital | **Belgium** Charleroi Hospital | La Citadelle Hospital Liège | **Morocco** Rabat Royal Clinic | **Switzerland** Neuchâtel Hospital | Sion Hospital | **Austria** Linz Hospital | **Norway** Akershus University Hospital | **Portugal** Saint Francisco Xavier Lisbon | **Spain** Vigo Hospital | Navarre Madrid University Clinic | **Hong Kong** Queen Mary Hospital | **Singapore** Parkway Hospital | **Peru** Cajamarca Hospital | **UAE** Burjeel Hospital Abu Dhabi | **Russia** Moscow Endocrinology Centre



Energy

France EDF | CEA | RTE | **Belgium** Tihange Nuclear Power Plant | **Norway** Statoil | **Romania** Transgaz | **Turkey** Izmir Gas Power Plant | **Philippines** CBK Power Plant | **Indonesia** Muara Tower Brantas | Power Station | **Cameroon** Société Nationale des Hydrocarbures | **Russia** Saint Petersburg Power Plant | **Saudi Arabia** Tabook Power Plant

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1 Rue du Général de Gaulle
49340 Trémentines FRANCE



EXPORT

export@bodet-timesport.com
Tel. +33 (0)2 41 71 72 33