



Time management

Synchronising • Distributing • Displaying time

Profil 730



www.bodet-time.com

MADE IN FRANCE

DESCRIPTION

- Analogue clock for indoor use.
- Hour and Minute (HM) or Hour, Minute and Second display (HMS) depending on the model.
- Dial markings: figures, notches or DIN.
- Optional: locking disks for wall mounting, single or double-sided bracket arm.

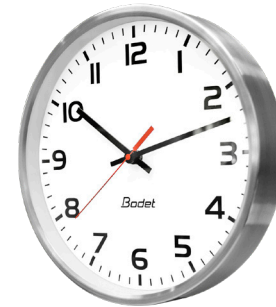
COMPLIANCE

- Directives: LVD 2014/35/EU, EMC 2014/30/EU, RED 2014/53/EU, IEEE 802.11 b/g/n (NTP/Wi-Fi models).

TECHNICAL FEATURES

Mechanical and electrical features

- Construction..... Background: Polycarbonate/ABS.
Glass: tempered glass.
Casing (bezel): brushed stainless steel.
- Mounting..... Wall mounting (with or without locking disk) or on bracket arm.
- Protection index..... IP40, IK08.
- Viewing distance..... 20 m.
- Dimensions..... See opposite.

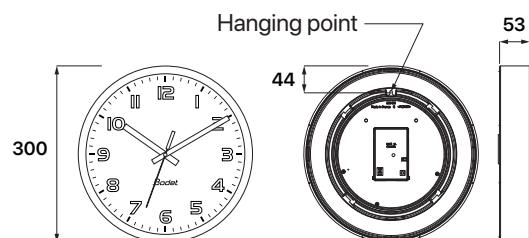


MOVEMENTS AND SYNCHRONISATION

Movement	Description
24V minute impulse	Slave clocks are connected to a distribution line and activated through electrical impulses sent every minute by the master clock.
24V second impulse	Slave clocks are connected to a distribution line and activated through electrical impulses sent every second by the master clock.
AFNOR	The coded time distribution consists in transmitting a comprehensive time message every second: these receivers are automatically and quickly set to the correct time as soon as they are connected to the clock line. The AFNOR coded time emits no interference and is insensitive to other electrical interference. ELV consumption: 10 mA (6V \Rightarrow), 8 mA (24V \Rightarrow).
NTP/ETH (Network Time Protocol)	Slave clocks are connected to the Ethernet network with a PoE power supply. Time is synchronised by the time server or the master clock via the NTP protocol in unicast, multicast or DHCP mode.
NTP/ETH silent (Network Time Protocol)	Slave clocks are connected to the Ethernet network with a PoE power supply. Time is synchronised by the time server or the master clock via the NTP protocol in unicast, multicast or DHCP mode. The second hand moves continuously. The main advantage of this clock is its low noise level (<20 dB at 1 metre).
NTP/Wi-Fi (Network Time Protocol)	Slave clocks are connected to the network via a Wi-Fi access point. Time is synchronised by the time server or the master clock via the NTP protocol in unicast, multicast or DHCP mode. The estimated battery life of battery-powered clocks synchronised once a day (24H) is: 6 years (HM) or 3 years (HMS).
DHF radio	Slave clocks pick up the time message and synchronise automatically. In the event of interference, they keep operating on their own time base. ELV consumption: 7 mA (16V \Rightarrow), 8 mA (12V \Rightarrow), 15 mA (6V \Rightarrow).

	Movement	Power supply	Operating temperature	Weight
	24V minute impulse	-	-10°C to +50°C	1.2 kg
	24V second impulse	-	-10°C to +50°C	1 kg
	AFNOR ELV	6 to 24V \Rightarrow	-5°C to +50°C	1 kg
	NTP/ETH NTP/ETH silent	PoE* Class 0, 2W maximum	-5°C to +50°C	1 kg
	NTP/Wi-Fi ELV	6 to 24V \Rightarrow	-5°C to +50°C	1 kg
	NTP/Wi-Fi mains	100-240V~	-5°C to +50°C	1 kg
	NTP/Wi-Fi batteries	2 x 1.5V LR14 batteries	-5°C to +50°C	1 kg
	DHF radio	2 x 1.5V LR6 batteries	-5°C to +50°C	1 kg
	DHF ELV radio	6 to 16V \Rightarrow	-5°C to +50°C	1 kg

*Power over Ethernet (PoE)



Dimensions in mm



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REFERENCES

Hour-Minute	Hour-Minute-Second	Movement
981 5x7	-	24V minute impulse
-	981 4x7	24V second impulse
982 8x7	982 9x7	AFNOR ELV
982 Fx7	982 Gx7	NTP/ETH
-	982 Hx7	NTP/ETH silent
982 Wx7	982 Yx7	NTP/Wi-Fi ELV*
982 Tx7	982 Vx7	NTP/Wi-Fi batteries
982 2x7	982 3x7	DHF radio
982 4x7	982 5x7	DHF ELV radio

Replace the "x" by the number corresponding to the desired dial model.

*NTP Wi-Fi mains: via a power supply unit (ref: 982 001).

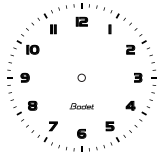
Power supply for up to 2 Wi-Fi clocks maximum.

For example:

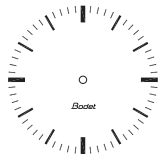
Profil 730 NTP Wi-Fi mains HM with figures: 982 W17 + 982 001.

Dial models (x):

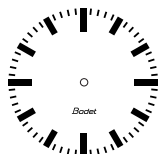
1: Figures



2: Notches



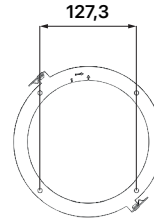
3: DIN



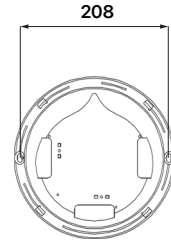
ACCESSORIES

- 981 001..... Double-sided bracket arm.
- 981 002..... Short double-sided bracket.
- 981 003..... Thin locking disk.
Incompatible with NTP/Wi-Fi batteries models.
- 981 004..... Joining ring for double-sided bracket arm (Profil 730)
- 981 006..... Locking disk.
- 981 010..... Single-sided bracket arm.
- 938 914..... 230V power supply with screw terminal block for ELV clock.
Power supply for up to 10 clocks maximum except for Wi-Fi models (2 clocks maximum).
- 938 916..... 100-240V power supply with mains plug for ELV clock.
Power supply for up to 10 clocks maximum except for Wi-Fi models (2 clocks maximum).
- 982 001..... 100-240V power supply unit for NTP/Wi-Fi clocks only.
Power supply for up to 2 Wi-Fi clocks maximum.

Thin locking disk



Locking disk



Locking disks can be used for wall mounting. The thin locking disk is at the left in the opposite image.

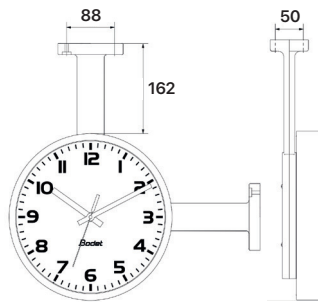


When using a thin locking disk, the clock is fixed against the wall. The other disk allows for a 12 mm gap between the back of the clock and the wall.

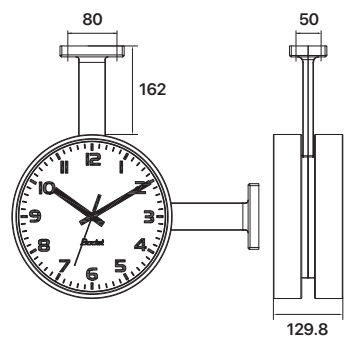


Once the bracket is installed, place and turn the clock clockwise to its final position. For single or double-sided mounting.

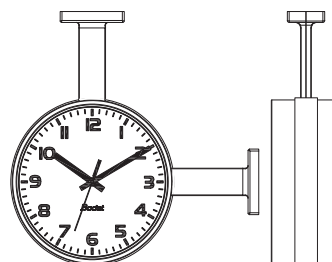
Single-sided bracket



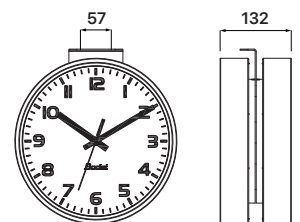
Double-sided bracket



Double-sided bracket with joining ring



Short double-sided bracket



Dimensions in mm