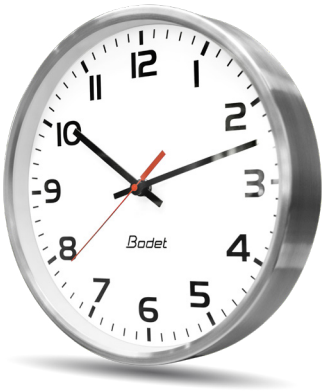
Profil 740

Bodet
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.
- Optional: LED lighting (available only for AFNOR ELV, NTP/ETH, NTP/Wi-Fi ELV, NTP/Wi-Fi Mains, DHF ELV) models.



COMPLIANCE

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

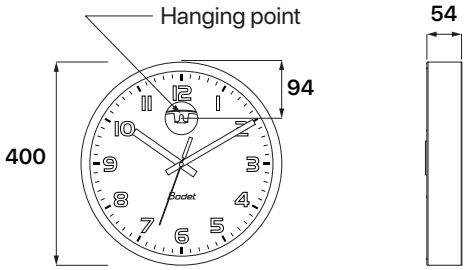
TECHNICAL FEATURES

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..... 35 m.
- Dimensions..... See opposite.

	Movement	Power supply	Operating temperature	Weight
IMPULSE	24V minute impulse	-	-10°C to +50°C	2.3 kg
IMPULSE	24V second impulse	-	-10°C to +50°C	2.3 kg
AFNOR	AFNOR ELV	6 to 24V⎓	-5°C to +50°C	2.3 kg
NTP	NTP/ETH	PoE* Class 0, 2W maximum	-5°C to +50°C	2.1 kg
WIFI	NTP/Wi-Fi ELV	6 to 24V⎓	-5°C to +50°C	2.1 kg
WIFI	NTP/Wi-Fi mains	100-240V~	-5°C to +50°C	2.1 kg
WIFI	NTP/Wi-Fi batteries	2 x 1.5V LR14 batteries	-5°C to +50°C	2.1 kg
DHF	DHF radio	2 x 1.5V LR6 batteries	-5°C to +50°C	2.3 kg
DHF	DHF ELV radio	6 to 16V⎓	-5°C to +50°C	2.3 kg

*Power over Ethernet (PoE)



Dimensions in mm

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⎓), 8 mA (24V⎓).
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/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⎓), 8 mA (12V⎓), 15 mA (6V⎓).

Ref. 643Q51 Rev. I

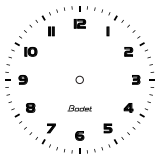
REFERENCES

Hour-Minute	Hour-Minute-Second	Movement
983 5x7	-	24V minute impulse
-	983 4x7	24V second impulse
985 8x7	985 9x7	AFNOR ELV
985 Fx7	985 Gx7	NTP/ETH
985 Wx7	985 Yx7	NTP/Wi-Fi ELV*
985 Tx7	985 Vx7	NTP/Wi-Fi batteries
985 2x7	985 3x7	DHF radio
985 4x7	985 5x7	DHF ELV radio

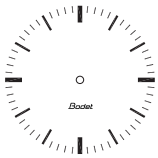
Replace the "**x**" by the number corresponding to the desired dial model.
Add an "E" at the end of the reference to have the lighting option.
For example: Profil 740 DHF ELV with LED lighting: 985 417E
*NTP Wi-Fi mains: via a power supply unit (ref: 982 001).
Power supply for up to 2 Wi-Fi clocks maximum.
Profil 740 NTP Wi-Fi with LED lighting: power supply unit already included.
Examples:
Profil 740 NTP Wi-Fi HM with figures and LED lighting: 985 W17E
Profil 740 NTP Wi-Fi mains HM with figures: 985 W17 + 982 001

Dial models (x):

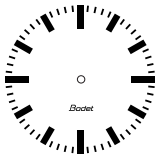
1: Figures



2: Notches



3: DIN

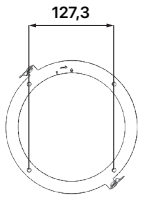


Profil 740 with LED lighting

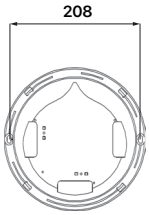
ACCESSORIES

981 001.....	Double-sided bracket arm.
981 003.....	Thin locking disk. Incompatible with NTP/Wi-Fi batteries models.
981 005.....	Joining ring for double-sided bracket arm (Profil 740).
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

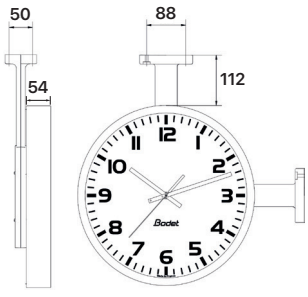


Locking disks can be used for wall mounting.
The thin locking disk is at the left in the opposite image.

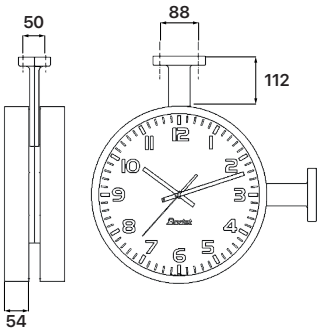
When using a thin locking disk, the clock is fixed against the wall.
The other disk allows for a 12 mm gap between the back of the clock and the wall.

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

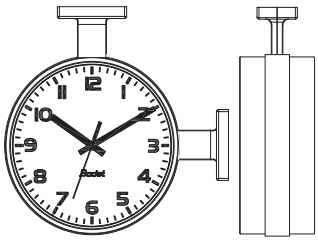
Single-sided bracket



Double-sided bracket



Double-sided bracket with joining ring



Dimensions in mm