PROFIL 730

DESCRIPTION

• Analogue display clock for indoor.
• Hour-Minute or Hour-Minute-Second display depending on the model.
• Background: PC/ABS.
• Crystal: heat-tempered glass.
• Casing (front): brushed stainless steel.
• Protection index: IP40, IK08.
• Optimal viewing distance: 20m.
• Dial markings: Arabic figures or minute notches or DIN.
• Optional: wall mount locking disc, wall mount thin bracket and single or double-sided bracket for ceiling or wall hanging.

COMPLIANCE

• Directive EMC 2014/30/EU
• Directive LVD 2014/35/EU
• Directive RED 2014/53/EU
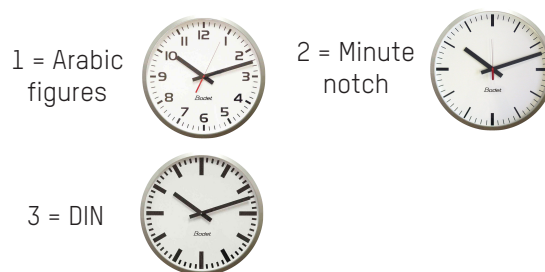• IEEE 802.11 b/g (NTP/Wi-Fi model).

TECHNICAL FEATURES

	Movement	Power supply	Operating temperatures	Weight
IMPULSES	24V minute parallel impulse	-	- 10°C to +50°C	1.2 kg
IMPULSES	24V second parallel impulse	-	- 10°C to +50°C	1 kg
AFNOR	AFNOR	6 to 24 VDC	- 5°C to +50°C	1 kg
NTP	NTP / ETH NTP / ETH (silent, sweeping second)	Power over Ethernet, Class 0 device, 2W maximum	- 5°C to +50°C	1 kg
Wi-Fi	NTP / Wi-Fi TBT	6 to 24 VDC	- 5°C to +50°C	1 kg
Wi-Fi	NTP / Wi-Fi AC	100 - 240 VAC	- 5°C to +50°C	1 kg
DHF	DHF battery	2x1.5V LR6 batteries	- 5°C to +50°C	1 kg
DHF	DHF TBT	6 to 16 VDC	- 5°C to +50°C	1 kg

REFERENCES

Hour-Minute	Hour-Minute-Second	
981 5x7	-	24V minute impulse
-	981 4x7	24V second impulse
982 8x7	982 9x7	AFNOR
982 Fx7	982 Gx7	NTP / ETH
-	982 Hx7	NTP / ETH (silent)
982 Wx7	982 Yx7	NTP / Wi-Fi TBT*
982 2x7	982 3x7	DHF battery
982 4x7	982 5x7	DHF TBT

Substitute the « x » by the figure corresponding to the desired dial.
*NTP Wi-Fi AC : via an AC adapter power supply unit (ref: 982 001).
Power up to 2 Wi-Fi clocks maximum.
Example : Profil 730 NTP Wi-Fi AC HM Arabic figures : 982 W17 + 982 001.

Dials models (x):

1 = Arabic figures

2 = Minute notch

3 = DIN

MOVEMENTS AND SYNCHRONISATION

• 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 complete time message every second: the time on the receiver is automatically and immediately set after connection to the clock line.
The AFNOR coded time does not interfere with any other transmissions, and is insensitive to other electrical interference.
Consumption TBT: 10 mA (6 VDC), 8 mA (24 VDC).

• Network Time Protocol (NTP / ETH)
Slave clocks are connected to the Ethernet network and powered by PoE (Power over Ethernet).
The time is synchronised by the time server or the master clock over the Ethernet network in unicast, multicast or DHCP mode.

• Network Time Protocol (NTP / ETH) silent
Slave clocks are connected to the Ethernet network and powered by PoE (Power over Ethernet).
The time is synchronised by the time server or the master clock over the Ethernet network in unicast, multicast or DHCP mode.
The second hand's movement is continuous. The advantage of this clock is its very low noise level (<20dB at 1 metre).

• Network Time Protocol (NTP / Wi-Fi)
Slave clocks are connected to the network through the Wi-Fi access point.
The time is synchronised by the time server or the master clock over the network in unicast, multicast or DHCP mode.
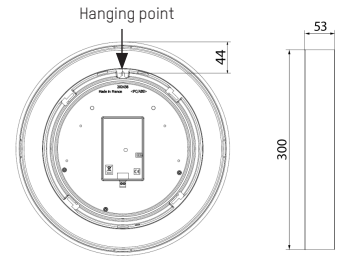
• DHF
The DHF clocks pick up the time signal sent by the master clock via a radio signal and synchronise automatically. If radio reception is poor, the clocks keep time thanks to their own time systems.
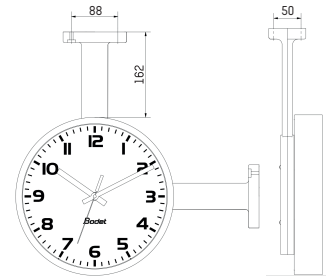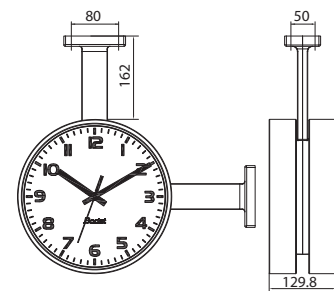Consumption TBT: from 15mA at 6V to 8mA at 12V to 7mA at 16V.

ACCESSORIES

- **981 001**........... Double-sided bracket
- **981 002**........... Short double-sided bracket
- **981 003**........... Thin wall bracket (Locking disk)
- **981 004**........... Joining ring for double sided Profil 730 clocks
- **981 006**.......... Wall bracket (Locking disk)
- **981 010**........... Single-sided bracket
- **938 914**........... 230V recess mounting power supply for TBT clock
  Power up to 10 clocks maximum except for Wi-Fi models
  Power up to 2 Wi-fi clocks maximum
- **938 916**........... 100-240V plug-in power supply for TBT clock
  Power up to 10 clocks maximum except for Wi-Fi models
  Power up to 2 Wi-fi clocks maximum
- **982 001**........... 100-240V adapter power supply unit for NTP / Wi-Fi clocks only
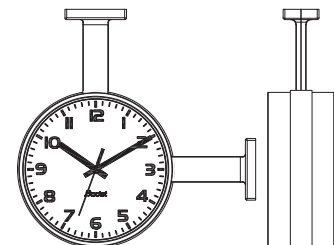 Power up to 2 Wi-Fi clocks maximum
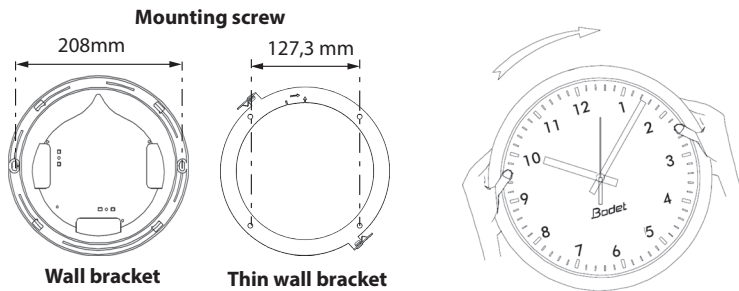

Hanging point

Single-sided bracket mounting

Double-sided bracket mounting

Mounting screw

208mm

127,3 mm
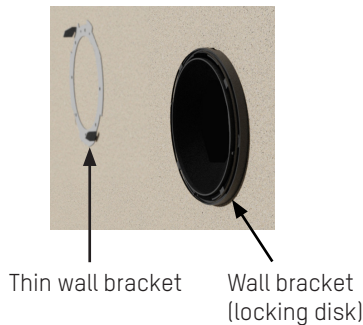

Wall bracket

Thin wall bracket

Once the the bracket (wall or double-sided) is installed, turn the clock a quarter turn in the clockwise direction so that the clock is in the correct position.

With thin bracket, clock flush with wall

12 mm between wall and clock with locking disk

Thin wall bracket

Wall bracket (locking disk)

Double sided with joining ring

Dimensions in mm