

DESCRIPTION

- Analogue clock for indoor use.
- Designed to be installed in operating theatres within healthcare facilities.
- Hour-Minute or Hour-Minute-Second display depending on the model.
- Dial markings: figures, notches or DIN.
- Optimal reading distance: 20 metres
- Receivers: 24V second impulse, 24V minute impulse, NTP, AFNOR coded time







COMPLIANCE

- EMC Directive 2014/30/EU,
- LVD Directive 2014/35/EU.

TECHNICAL FEATURES

- **Bezel**..... Brushed stainless steel.
- **Crystal**..... Tempered glass.
- **Protection index**..... IP65*, IK08.
- **Mounting options**..... Recessed wall mounting.
- **Operating temperature range**.. -5° to +55°C.
- **Humidity**..... 95% at 40°C (not condensed).
- **Weight**..... 2.4 kg.
- **MTBF**..... 100 000h.
- **Dimensions**..... See the back page of the document.

*after being recess-mounted using a silicone seal.

	Movements	Power supplies
	Rec. 24V second impulse	-
	Rec. 24V minute impulse	-
	Rec. AFNOR ELV	6-24V $\overline{=}$
	Rec. NTP/ETH Rec. NTP/ETH silent	Power over Ethernet Class 0 device, 2W maximum

MOVEMENTS AND SYNCHRONISATION

• 24V second impulse:

Slave clocks are connected to a distribution line and activated through electrical impulses sent every second by the master clock.

• 24V minute impulse:

Slave clocks are connected to a distribution line and activated through electrical impulses sent every minute by the master clock.

• Rec. 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 interferences..

• Rec. Network Time Protocol (NTP / ETH)

Slave clocks are connected to the Ethernet network and powered by PoE. (Power over Ethernet).

Time is synchronised by the time server or the master clock over the NTP protocol in unicast, multicast or DHCP mode.

• Rec. Network Time Protocol (NTP / ETH) silent

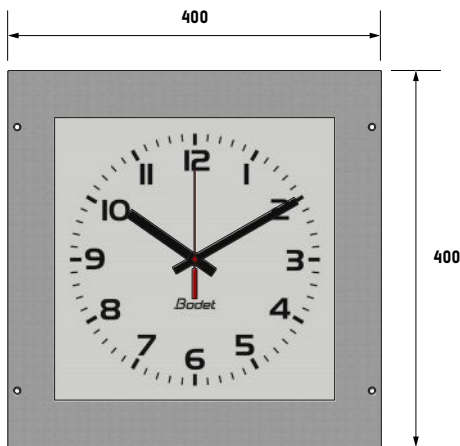
Slave clocks are connected to the Ethernet network and powered by PoE (Power over Ethernet).

Time is synchronised by the time server or the master clock over the NTP protocol in unicast, multicast or DHCP mode. The second hand moves continuously.

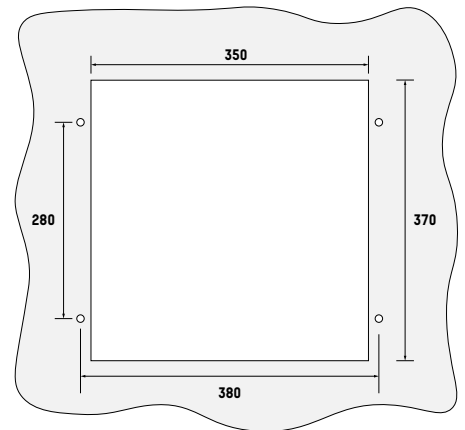
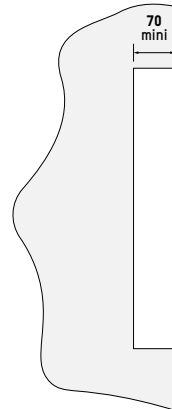
The main advantage of this clock is its low noise level (<20 dB at 1 metre).

DIMENSIONS

Dimensions of the clock in mm:



Dimensions of the recess-mounted hole in mm:

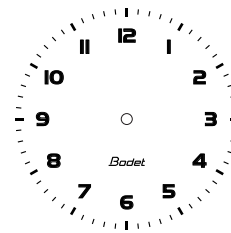


REFERENCES

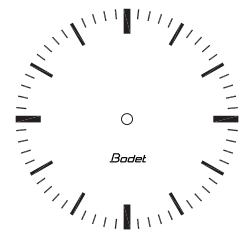
Hour-Minute	Hour-Minute-Second	
-	981 4x8	Rec. 24V second impulse
981 5x8	-	Rec. 24V minute impulse
982 8x8	982 9x8	Rec. AFNOR ELV
982 Fx8	982 Gx8	Rec. NTP/ETH
-	982 Hx8	Rec. NTP/ETH silent

Replace the "x" by the number corresponding to the desired type of dial.

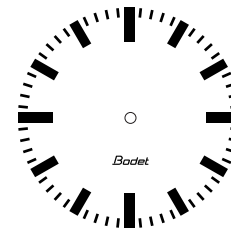
Dial models (x):



1 = Figures



2 = Notches



3 = DIN