



## MOVEMENTS AND SYNCHRONISATION

### • Quartz 1.5V

The clock is completely autonomous, the time information is provided by its own time system. The operating temperature range for these clocks is -25°C to +50°C when using Lithium batteries.

### • 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.

### • 1/2 minute serial impulse

Slave clocks are connected to a distribution line and activated through electrical impulses sent every ½ minute 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)

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.

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The second hand's movement is continuous. The advantage of this clock is its very low noise level (<20dB at 1 metre).

### • DCF radio

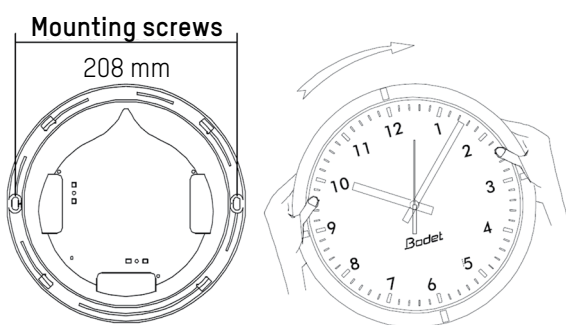
The clock is completely autonomous. The DCF radio synchronised movement provides absolute accuracy and automatic summer/winter changeovers.

### • 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.

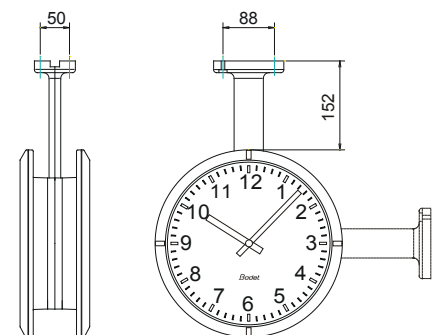
Consumption TBT: from 15mA at 6V to 8mA at 16V.

### Single-sided wall support



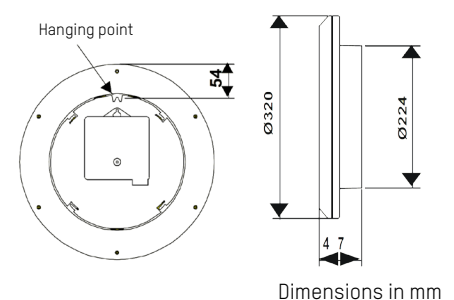
Once the the bracket (wall or double-sided) is installed, turn the clock a quarter turn in the clockwise direction so that the clock is in the correct position.

### Double-sided bracket mounting



## MOUNTING ACCESSORIES

- 981 001..... Double-sided bracket
- 981 002..... Short double-sided bracket
- 981 006..... Secure wall mounting bracket for single-sided clock
  
- 938 914..... 230V recess mounting power supply for TBT clock
- 938 916..... 230V plug-in power supply for TBT clock



Dimensions in mm