



Time management

Synchronising • Distributing • Displaying time

HMT 20 cm

Bodet
www.bodet-time.com

MADE IN FRANCE

DESCRIPTION

- Outdoor clocks with high brightness LED.
- Height of digits 20 cm, optimal viewing distance: 90 metres.
- Angle of vision: 160°.
- LED colour available: red, white or yellow.
- Display in hours and minutes.
- Setting by control pad 2 keys inside the clock or by wireless remote control (LoRa-868.3MHz: cover in open field 1 km).
- Optional synchronisation by impulse (minute or ½ minute), DCF or GPS antenna (absolute time accuracy), AFNOR, DHF, NTP or PC.
- Single or double-sided display.

COMPLIANCE

- Directives : LVD 2014/35/EU, EMC 2014/30/EU, RED 2014/53/EU, RoHS 2015/863/EU.

TECHNICAL FEATURES

General features

- Setting of luminosity..... Automatic (sun, cloud or night).
- Time display..... 12 or 24 h mode.
- Setting of alternation duration..... 2 to 6 seconds.
- Display of time..... Date and temperature, counting / countdown, rate of chlorine, rate of humidity. Fix or alternate (manual input for the rate of chlorine and humidity). In double-sided version, alternate display via 2 clocks in master mode.
- Time changeover..... Automatic summer/winter.
- Temperature display..... In Celsius (°C) or Fahrenheit (°F) from -99° to +99.9°.
- Display..... °C or °F in the menu. Display resolution: 0.1°C. Accuracy: ±0.5°C from -10 to +85°C. Offset adjustment, possible from -9.9° to +9.9°. Display test menu.
- 869 MHZ HF temperature option..... 50 meters communication distance (through a wall). Transmission of the data to the clock every 15 seconds.

Mechanical features

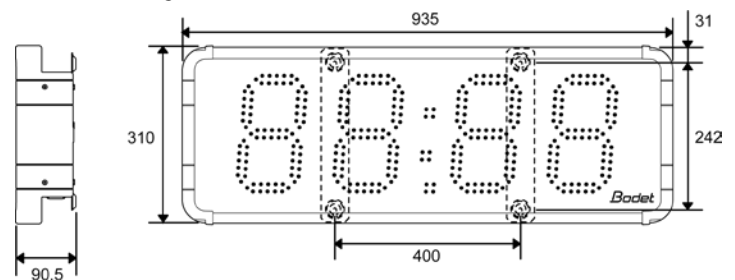
- Construction..... Casing : Black aluminium. Window : Antiglare protection.
- Operating temperature.... IP54, IK07.
- Operating temperature.... -20 to +50°C.
- Humidity..... 93% at 40°C.
- Electronic cards..... Tropicalized.
- Mounting..... Wall mounted or optional bracket.
- Weight..... Single-sided: 8,5 Kg. Double-sided: 22 Kg.
- Dimensions..... See opposite.



Wireless remote control



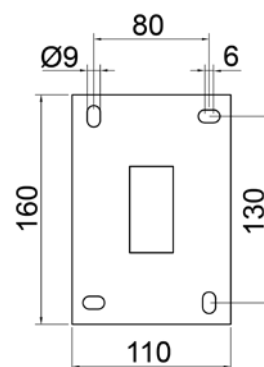
Wall mount (single-sided)



Mounting on hanging bracket (double-sided)

The hanging bracket makes it possible to hang the clock from the ceiling or from the wall.

- Construction..... Steel.
- Color..... Black.



Dimensions in mm



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Electrical features

- Power supply..... 100/240VAC 50/60Hz.
- Rated current..... 0.37A to 100VAC ; 0.2A to 240VAC
single-sided.
0.55A to 100VAC ; 0.30A to 240VAC
double-sided (with repeater).

SYNCHRONISATION OPTIONS

- 939 051..... AFNOR/Minute impulse synchronisation card
- 939 052 DHF receiver (with antenna) for HF temperature
and DHF time
- 939 053 PC /ASCII synchronisation card for data display
- 939 056..... AFNOR synchronisation card or 1/2 MN SERIE
- 939 057..... NTP synchronisation card

REFERENCE(S)

- 939 333*..... HMT LED 20 cm
- 939 239*..... HMT LED 20 cm slave display
- 935 011..... Temperature probe (with 5m cable)
- 939 031..... Double-sided bracket HMT 20 cm
- 939 041..... Wireless Temperature Probe
- 939 045..... Wired Air Temperature / Humidity probe (5m cable)
- 939 047..... Wireless remote control
- 915 296..... Synchronisation cable kit (to synchronise 2 HMT
that are not attached)

*Add the letter corresponding to the colour: R = red, J = Yellow, W = white.