

DESCRIPTION

- SMD LED technology for indoor installation.
- Hours, minutes and seconds display.
- Fixed or alternate time with date or week number display or timer display or temperature (probe integrated to the clock) or chronometer display (optional chronometer keyboard - count or countdown).
- Height of digits 10 cm (seconds: 7 cm), optimal viewing distance: 40 metres.
- Angle of vision: 120°.
- LED colours: red, green, yellow, blue and white.
- Models: independent, impulse, wireless DCF, wireless DHF, AFNOR, NTP/ETH and NTP/Wi-Fi.



STANDARDS

- EMC: EN55032, EN55024.
- LVD: EN62368-1
- RED (radio models): EN301-489-3.
- EEE 802.11 b/g (NTP/Wi-Fi model).

GENERAL FEATURES

- **Adjustable brightness**..... 4 levels.
- **Display mode**..... 12 or 24 hour.
- **Eco mode**..... Programmable energy saving or predefined over a time period.
- **Time change**..... Automatic summer/winter time changeover and perpetual calendar.
- **Time base backup**.....
 - Independent model: 15 days in case of power failure.
 - Impulse model: in case of power failure, data saving and impulses reception without battery.
 - Synchronised models: at each start the clocks wait for the synchronisation signal.
- **Time accuracy**..... 0.2 second/day (except NTP model: precision dependent on the time server).
- **Operation**..... Silent.
- **Digit**..... 7 segments with 5 LEDs each.
- **Hours and minutes separating**..... Colon made of LEDs.
- **Configuration**..... 2 capacitive buttons.
- **NTP/ETH and NTP/Wi-Fi model**.....
 - Synchronisation unicast, multicast and by DHCP.
 - Advanced configuration from the embedded web server.

MECHANICAL FEATURES

- **Construction**..... ABS/PMMA black (IP30, IK02) and PMMA (poly methyl methacrylate) cristal.
- **Operating temperature range**..... -5 to +55°C.
- **Weight**..... 2.8 Kg.
- **Dimensions**..... See on the back.

ELECTRICAL FEATURES

- **Power supply**.....
 - Independent, impulse, AFNOR, DHF and NTP/Wi-Fi models: 100-240VAC.
 - Wireless DCF model: 230VAC.
 - NTP/ETH model: PoE (Power over Ethernet) – class 0.
- **Consumption (max)**.....
 - 100-240 VAC ; 250-150 mA.
 - 230 VAC ; 60 mA.
 - NTP/ETH model; 6 W (red, green, yellow) ; 2 W (blue, white).
- **Electric protection**.....
 - NTP/ETH model: Class 3.
 - Other Synchronisations: Class 2.

STYLE 10S REFERENCES (BY SYNCHRONISATION)

- | | |
|--|---|
| • 946 81x Independent model | • 946 88x NTP/Wi-Fi model |
| • 946 82x Impulse model | • 946 005 Double sided hanging bracket |
| • 946 83x DCF model | • 946 006 Single sided hanging bracket |
| • 946 84x DHF model | • 936 400 Timer control unit BT Chrono HH-MM |
| • 946 85x AFNOR model | |
| • 946 87x NTP/ETH model | |

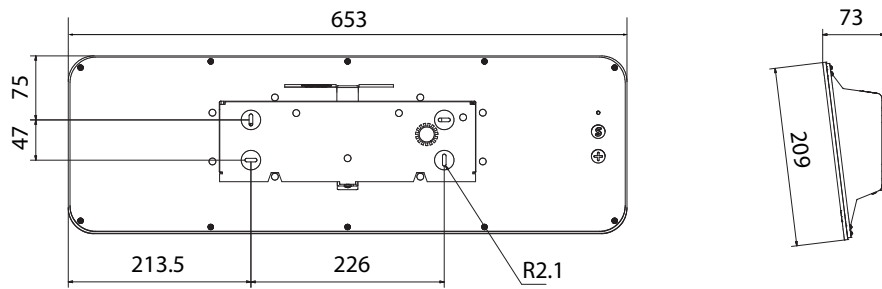


• Specify the LED colour by replacing the "x" in the reference number by: 1: red - 2: green - 3: yellow - 4: blue - 5: white



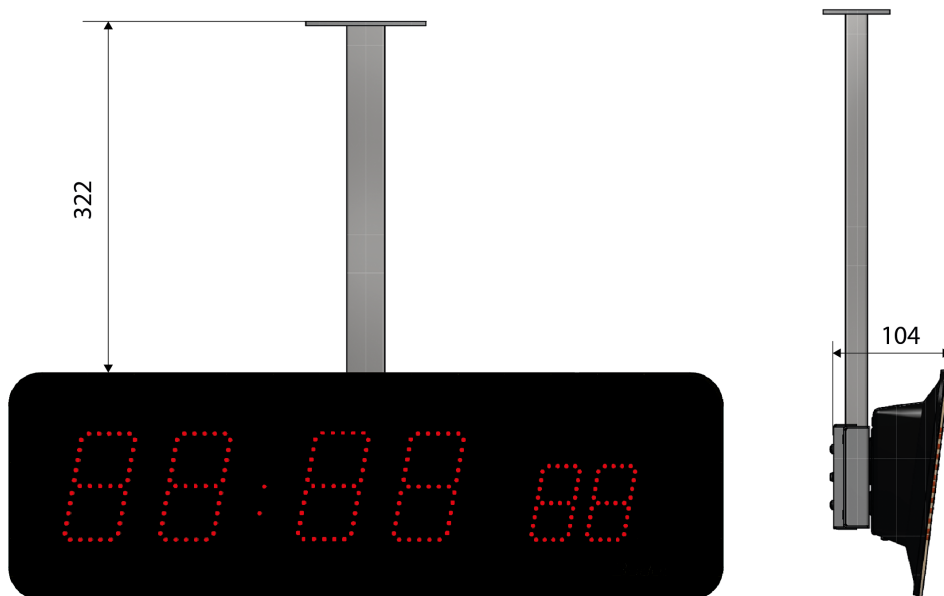
WALL MOUNTING

Dimensions in mm



MOUNTING ON HANGING BRACKET

- The hanging bracket makes possible to hang the clock from the ceiling or from the wall.
- Construction: Steel.
- Colour: Black.



Dimensions in mm