

## 1250 SERIES

### Large wall time display

#### Features

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- The large wall time display range, allow displays of universal time (UT), countdown (TD) or aimed hour (H0), by mean of a time code frame.
- The frame time could be an analog code (sine wave) or an ASCII digital code trough an RS232/422 link.
- The allowed analog time codes are : IRIGB & NASA36 for UT and IRIGB pseudo-codes for TD & H0.
- Time is displayed with the following formats : Hour, Minute, second, by a 7 segment LED of 76.2 mm height. A sign is show for countdown, always off for TU & H0.
- LED's Colors are : red for TU & TD, green for H0. All codes are accepted by the two type of LEDS.
- The code selection is made using a rotary switch on the rear face for analog input models. For digital input models selection is automatic.
- In case of missing input or wrong code, the display blinks with the last right received value or a group of dash ('-----') if the input signal is missing when starting the equipment.

#### Specifications

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- IRIGB or NASA36 analog input signal, 1kHz amplitude modulated (1/3,1/1) sine-wave carrier. Isolated BNC input connector, 600  $\Omega$ . Transformer isolated input. Automatic gain control on the input signal, allowing a 0.3-0.6 V peak to peak, amplitude signal.
- Digital signal input code : standard RS232/422 link, selective switch on the rear face.
- Visibility : upper to 30 m.
- Power supply : 230 V, CEE standard connector, with fuse, filter & On/Off switch.
- : Metallic housing, dimensions : 580 x 150 x 70 mm, delivered with swiveling wall mount adapter
- Weight: 5,5 Kg.
- Consumption : 25 W.
- MTBF : 59 000 h.



# SR1250

## Large wall time display

### Specifications (continuation)

■ ASCII message format (digital input models)

TU code : **Soh QQQxHHxMMxSS CrLf**

TD code : **Soh ±HHxMMxSS CrLf**

H0 code : **Soh TxxxHHxMMxSS CrLf**

where **x** is a space

**QQQ** : the day of the year's, 3 characters

**HH** : the hour's 2 characters

**MM** : the minute's 2 characters

**SS** : the second's 2 characters

**±** : the sign character

**T** : the T character indicates a H0 code to the equipment.

■ Pin-out of the male Sub'D 9 pins connector (signal input for digital input models)

RXD (RS232)	2
MASSE	5
RXD- (RS422)	7
RXD+ (RS422)	8

### Ordering information

- SR1251** TU/TD display- analog time input. Red color
- SR1252** H0 display - analog time input. Green color
- SR1253** TU/TD display - RS232/ RS422 digital time input. Red color
- SR1254** H0 display - RS232/ RS422 digital time input. Green color

**MICROSYSTEMES**

Time-frequency & Networks

ZI du chapitre – 14, rue Jean Perrin  
31100 Toulouse – France  
Tél. : 33 - 5 62 87 10 70  
Fax : 33 - 5 62 87 10 77  
www.microsystemes.com