

## 1270 SERIES

# Wall type & rackable 19" time display

## Features

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- These display range allow two type of use : wall mount or 19" standard rack mount.
- The 1270 series, allows display 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 : Day of the year, Hour, Minute, second, by 7 segment's LED of 38 mm height. Day of the year is only displayed for UT. A "±" sign is show for countdown, always off for TU & H0.
- 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 lights all the decimal points.
- Auxiliary digital outputs are available in order to connect the displays.
- On the analog input models, the auxiliary outputs generate frames corresponding to the IRIGB decoded frame time. In this case the display is used as a IRIGB to ASCII frame transcoder.

## 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 Ω. 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 15 m.
- Red LED indicators
- Power supply : 230 V, CEE standard connector, with fuse, filter & On/Off switch.
- Metallic housing, dimensions : 483 x 88 x 150 mm (19", 2U), delivered with adapter.
- Weight: 3,5 Kg.
- Consumption : 25 W.
- MTBF : 185 000 h.



# SR1270

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### 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
GROUND	5
RXD- (RS422)	7
RXD+ (RS422)	8

■ Pin-out of the female Sub'D 9 pins connector (auxiliary output)

TXD (RS232)	2
GROUND	5
TXD- (RS422)	7
TXD+ (RS422)	8

### Ordering information

**SR1271-X** TU/TD/H0 display- analog time input. red color

**SR1272-X** TU/TD/H0 display - RS232/ RS422 digital time input. Red color

**SR1273-X** TU/TD/H0 display- analog & RS232/ RS422 digital time input. red color

**F** : French version  
**U** : English version



ZI du chapitre – 14, rue Jean Perrin  
31100 Toulouse – France  
Tél. : 33 - 5 62 20 17 80  
Fax : 33 - 5 62 20 15 04  
www.microsystemes.com