

Climate measuring with ventilation alarm KLA

Features

Climate measuring with programmable alarm function in support of reasonable air the apartment

The reasonable air is good to improve the quality of housing and prevent physical problems (mould formation) simultaneously at the right one. The device KLA display permanently the room temperature and the relative air humidity always. When leaving the adjusted welfare feeling climate (for example 65% relative air humidity ones) an alarm signal sounds and reminds therefore that you must let some air in now.

At the latest after the sounding of this alarm signal the resident should carry out a window ventilation (push ventilation of approx. 5-10 minutes)

[Concurring to the DIN1946 6 (2006): Ventilation technical measures into apartments]

KLA



Advantage

- freely programmable limiting values for temperature and atmospheric humidity (alarm function)
- time intervals of the data acquisition freely eligible for office
- the connection is possibly optional of up to 5 outer sensors; by the connection it's possible to detect coherences between the outer climatic factors and the room climate
- room temperature indication with storage of the MIN and Max values as well as the time of the storage
- room humidity advertisement in RH % with storage of the MIN and Max values
- function can data acquisition save up to 3000 sentences of temperature and atmospheric humidity data with adjustable recording intervals
- connected to the COM port of the PC, data transmission to the PC with the help of the enclosed software (on CD-ROM)
- DCF time reception (one/end) eligible for office
- calculation and advertisement of the dewpoint temperature
- time and date advertisement
- temperature and atmospheric humidity-calibrating function
- battery condition advertisement

Applications

Living rooms

- Control of the climate and the ventilation in living rooms to DIN1946 by a regular climate note
- Convenient evaluation of the living rooms climate at the PC
- Memory function to the need dependent window ventilation by adjustable climate limiting values
- Proof leadership of a regular ventilation at appearance of humidity damage

Outdoor

- By the use of outdoor sensors (transmitters of 433 MHz) frost warning can be given for example
- Note of climate data to the weather analysis
- Warning of ice danger

Storehouses

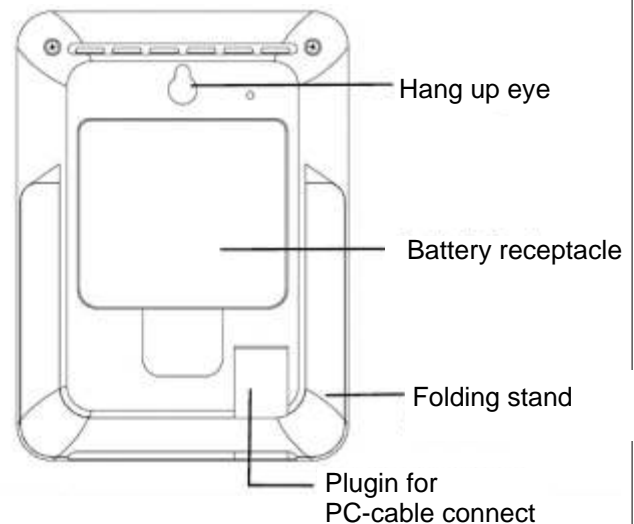
- Note of data to the temperature- and humidity monitoring
- Alarm function at increased temperature and low humidity (danger of fire)

Technical data

Electronics / Mechanics

Technical Data

Measure of temperature:	0°C to 59,9°C with 0,1°C resolution 32°F to 139,8°F with 0,2°F resolution (displayed "- -" out of this range)
Interval of temperature:	every 15 Seconds
Measure of humidity:	1% to 99% with 1% resolution (displayed "- -" out of this range)
Interval of humidity:	every 20 Seconds
Power supply:	3 x 1,5 V-battery Typ Mignon AA, IEC LR6
Operating device:	5 function keys
Interval of storage:	1,5,10,15,20,30 minutes, 1,2,3,4,6,8,12,24 hours

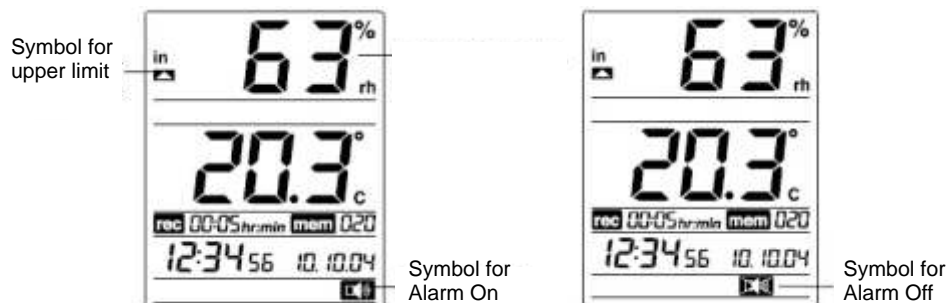


Scope of supply / Operating conditions

Scope of supply:	Basicstation KLA with climate sensor Batteries Operating manual PC-Software and plugin cable
Options:	wireless outdoor climate sensors
Operating conditions:	Temperature:0..50°C Relative humidity:85% not condensed Protection grade:II CE-conformity:EN50082-1/2

Attitude of the high atmospheric humidity alarm

1. You press and hold the alarm button for about 3 seconds to the admission into the one putting mode for the high atmospheric humidity alarm (symbol for upper limit). The atmospheric humidity advertisement, the symbol of the upper limit and the alarm symbol will flash.
2. You activate the symbol for the high atmospheric humidity alarm with the help of the mode button to the symbol for "alarm ON" is reported.



3. Press the plus or minus button for the attitude of the switching point for the desired high atmospheric humidity alarm value.
4. Press the OK button for the return in the normal display mode.