

# Sound level monitor SPM 483

## Sound sensing and recording.

### Monitor & microphone for measuring and recording sound levels

- continuous monitoring of sound sources
- automatic transmission of measured data and results to local network or Internet
- storing of the data of the recent 2 years in flash memory
- free and cyclically programmable recalling and transmission of data
- sound level measurement according to DIN EN 61672

### Features

- weather-proof microphone with wind shield, bird spikes and heating
- high reliability due to automatic self-check
- automatic transmission of measured values to PC or Internet server, via Ethernet, modem or mobile telephone system (FTP, DHCP)
- simple representation of measured values by means of software SPMview and conversion to Microsoft Excel format
- online representation of measured values via GfS server possible



## Extent of supply

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- monitor
- weather-proof microphone with wind shield and bird spikes
- microphone adapter for 1¼-inches tube
- microphone cable
- power supply unit for 230 V/ 50–60 Hz
- cable set: Ethernet, RS232, and modem  
3m each
- wall fastening kit for monitor
- SPMview software on CD
- factory calibration certificate and manual
- on request with DKD calibration and certificate

## Service and maintenance

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- on request, annual maintenance by Gfs

## Technical data

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- **Range of sound level**  
30–127 db
- **Range of frequency**  
20 Hz – 20 kHz
- **Frequency weighting**  
A-filter, C-filter
- **Time weighting**  
fast, slow
- **Accuracy**  
class 1 for indoors ( $\pm 1,1$  dB at 1 kHz)  
class 2 for outdoors ( $\pm 1,4$  dB at 1 kHz)
- **Display**  
2-line LCD display with 20  
characters per line
- **Microphone interface**  
analog
- **Data interface**  
Ethernet, RS232
- **Modem**  
analog, ISDN, GSM