Product Datasheet - Technical Specifications

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Sefram

SEFRAM 9835, SEFRAM 9836

Sound level meters

Two new sound level meters (basic model or with recording function) for your noises measurements of all kinds

The new sound level meters SEFRAM 9835 and SEFRAM 9836 have the best price-quality ratio. They are compact and easy to use. Basic model SEFRAM 9835 is gifted with a fast/slow time weighting and a A/C frequency weighting. The Min/Max function enables to display values on a chosen period.

SEFRAM 9836, more advanced, can record data with stamptime. A real time recording is possible with the provided software. Its memory (8 GB micro SD card, able to be extended to 32 GB) allows the data logging capacity to 128 000 records with adjustable sample rate. In addition to the level sound recording, SEFRAM 9836 enables sound audio recording which can be listened with the provided software.

Application :
- Compact and easy to use
- High accuracy
- Inner or outer environment (provided with windscreen)

New

Features

- Data logging : 128,000 records (SEFRAM 9836)
- 60dB dynamic range for each level range.
- Timestamp. (SEFRAM 9836)
- Time weighting Slow / Fast.
- Frequency weighting A / C.
- Max / Min function.
- USB interface. (SEFRAM 9836)
- Windows software.(SEFRAM 9836)
- Standard IEC 61672-1 Class 2.
- Analog output (suitable for recorder...)
- Microphone extension cable (10m) (SEFRAM 9836)

Selection guide

Model	SEFRAM 9835	SEFRAM 9836
Time weighting Slow / Fast	✔	✔
Frequency weighting A / C	✔	✔
Min/Max function	✔	✔
Standard IEC 61672-1 Class 2	✔	✔
Analog output	✔	✔
Sound level recording	-	✔
Audio recording	-	✔
Timestamp	-	✔
USB interface	-	✔
Microphone extension cable (10m)	-	✔*
Windscreen	✔	✔
Carrying case	✔	✔

*option

SEFRAM 9835   **SEFRAM 9836**

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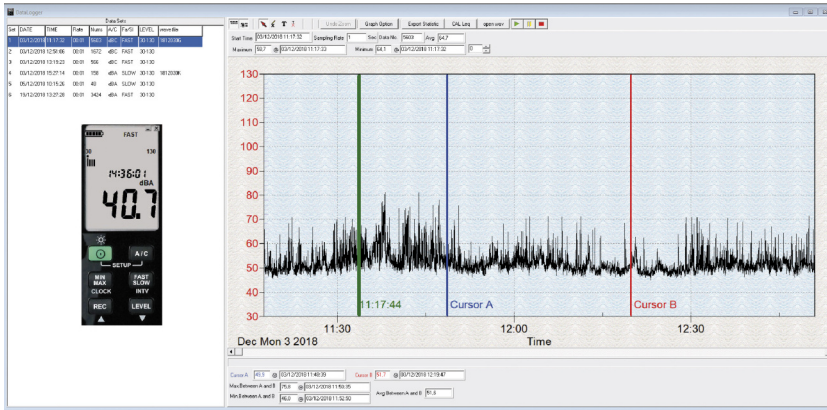
Sefram

A free data processing software provided with your device :

- Graphic display
- Simultaneously sound level visualisation and audio listening to identify noise sources
- Graphic or tabular data saves
- Targeted analysis between cursors
- Leq calculation

This software enables to collect real time data via USB interface, which will preserve the batteries and the storage capacity of your device.

Technical specifications	SEFRAM 9835	SEFRAM 9836
Standard applied	IEC 61672-1 Class 2	IEC 61672-1 Class 2, ANSI S1.4 Type2
Frequency range	20Hz - 8KHz	
Measuring level range	30 - 130dB	
Frequency weighting	A / C	
Microphone	1/2 inch electret condenser microphone	
Screen	LCD	
Digital display	4 digits	
	Resolution : 0,1dB	
	Display uptdate : 0.5sec	
Analog display	30 segment bargraph	
	Resolution : 2dB	
	Display uptdate : 0.5sec	
Time weighting	FAST / SLOW	
Level ranges	Lo : 30 – 90 dB	
	Med : 50 – 110 dB	
	Hi : 70 – 130 dB	
	-	Auto : 30 - 130 dB
Accuracy	±1.4dB	±1.0dB
Dynamic range	-	60dB
Alarms	"OVER" is when input is more than upper limit of range	
	"UNDER " is when input is less than lower limit of range	
Data logging capacity	128 000 points	
AC analog output	1 Vrms at FS (full scale)	
DC analog output	10mV / dB	
Power supply	One 9V battery, 006P or IEC 6F22 or NEDA 1604	4 AAA, NEDA 24A, IEC LR03 batteries
Power life	Approx 60 hours	Approx 20 hours, about 5 hrs (Sound Recording ON)
Power consumption	-	Approx 0,2W
External power supply	-	5VDC (micro USB plug)
Operation temperature	0 to 40°C (32 to 104°F)	
Operation humidity	10 to 90%RH	
Storage temperature	-10 to 60°C (14 to 140°F)	
Storage humidity	10 to 75%RH	
Dimensions	285x55x25mm	270x63x29mm
Weight	185g (with batteries)	305g (with batteries)
Warranty	1 year	

SEFRAM 9835 provided with : Battery, windscreen, carrying case
SEFRAM 9836 provided with : 1.5V battery X 4 pcs, carrying case, instruction manual, micro SDHC card   USB cable, windscreen, 3.5f plug, software
Option SEFRAM 9836 : Microphone extension cable (10m) (998351000)

CE

FTSEFRAM983XAN00 - Specifications can be updated without notice

Sefram

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Qualité
AFNOR CERTIFICATION
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