



*Intelligent airborne sound sensor with effective value and peak value regulation*

**Technical data**

Frequency range	airborne sound signals between 30 Hz and 32 kHz
Signal processing	powerful integrated real time signal processing and evaluation via digital signal controller
Noise suppression	suppression through pre-calculated bandwidth filters
Sensor configuration	configuration and parameterisation via integrated button operation or via PC program
Supply	10...30 V DC
Input	1 synchronisation input
Output	1 potential-free switched output
Protection level	IP67
Temperature range	-15 °C to +50 °C
Measurements	robust, compact housing M18 x 130 mm

**Areas of application**

*Preferably acoustic noise/function testing, monitoring of machines and plants as well as assembly and process monitoring*

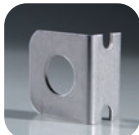
**Ordering details**

USS5-LS	Sound sensor dsound® USS5, airborne
USS5-LS-E	Sound sensor dsound® USS5, airborne, stainless steel version

**Accessories**



USS-W18S12



USS-W18



USS-NT



USS-MH



USS5-K-2/S  
USS5-K-5/S  
USS5-K-10/S



USS5-K-2/A  
USS5-K-5/A  
USS5-K-10/A



USS5-Con-Box  
USB

USS-W18S12	Fixing system, swivelling (alloy steel, for mounting on Ø 12 mm round section)	mounting	
USS-W18	Fixing system, rigid (alloy steel)		
USS-MH	Swivelling microphone holder with sensor spacer	connection technology	
USS5-K-2/S (2 m)	Connecting lead 8 core, shielded, Socket M9 x 0.5 / plug M9 x 0.5		
USS5-K-5/S (5 m)			
USS5-K-10/S (10 m)			
USS5-K-2/A (2 m)	Connecting lead 8 core, shielded, Socket M9 x 0.5 / individual cores with end sleeves		
USS5-K-5/A (5 m)		required	
USS5-K-10/A (10 m)			
USS5-Con-Box USB	Connection box for sound sensor dsound® USS5 (in combination with USS5-K-2/S or USS5-K-5/S)	required	
USS-NT	Optional power supply unit for power supply		
USS5-Control	Operating and parameterisation software USS5 Control for sound sensor dsound® USS5, full version	required	software