

## Semi-permanent outdoor microphone kit SS 601/603

Version: 1.2\_20230814\_EN



SS 601/603 is a special microphone kit for outdoor monitoring, which can prevent wind noise, rain, and birds from roost, etc., and is suitable for use in outdoor regular weather. The bird cone can be easily removed for daily maintenance calibration. The shell is made of aluminum alloy and surface treatment, which is resistant to environmental corrosion and ensures the long-term stability of the microphone.

SS 601/603 meets IP55 protection grade, 50mm diameter wind hood and internal rain cover, dust screen, can fully protect the microphone, can withstand the test of wind, rain, snow and other bad weather, and prevent dust damage to the microphone. The SS 601/603 is optimized for 90° incidence and mainly for urban, traffic and industrial noise measurements.

### Product characteristics

- Meets the requirements of IEC 61094-4 for WS2F measuring microphone
- Meet the IP55 protection level, protect against wind, rain, snow, sand and dust
- Anti-wind noise, anti-bird habitat
- The protection kit can be quickly removed to facilitate regular acoustic calibration
- Low noise level, typical background noise is 17dBA
- IEPE power supply

### Typical applications

- Aircraft and airport noise monitoring
- Urban, traffic and industrial noise measurement
- Acoustic measurement and analysis in other harsh environments

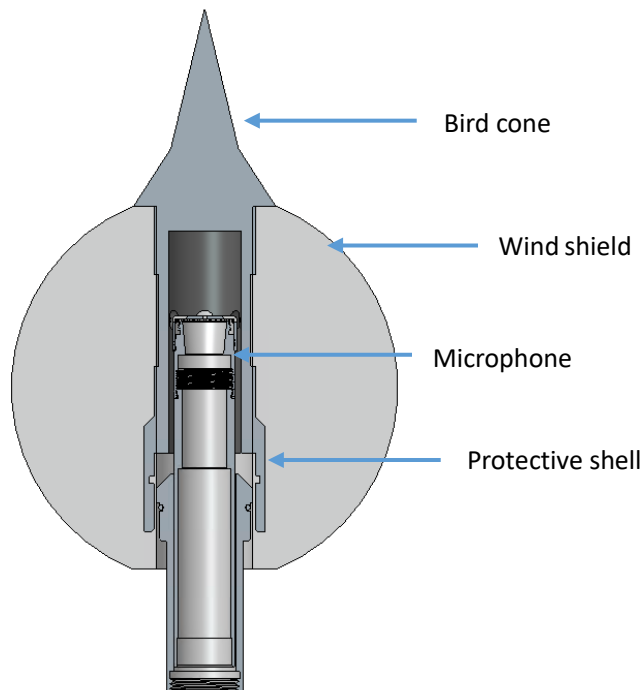
### Specifications

Model number	SS 601	SS 603
Frequency Response	6.3Hz – 16kHz ± 2dB 12.5Hz – 10kHz±1dB	6.3Hz – 20kHz ± 2dB 12.5Hz – 10kHz±1dB
Sound field	Free Field Type II	Free Field Type I
Typical applications	Urban noise measurement, traffic and industrial noise measurement	
incidence direction	90°	
Standards	IEC 61094-4	
Internal microphone	1/2 "prepolarized microphone	
Noise level	< 17dBA	
Dynamic range	17~146dB	

<b>Sensitivity</b> mV/Pa	50mV/Pa(-26.0dB±2dB)
<b>Power supply mode</b>	IEPE (2~10mA, Typical 4mA)
<b>Diameter</b>	25mm
<b>Length</b>	278mm ( No connector included)
<b>Clamping position size</b>	∅23 * 30mm
<b>Connector</b>	BNC
<b>Working temperature</b>	-20°C to 60°C
<b>Temperature Coefficient</b>	10- 90% no condensation

### Protective structure

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The microphone is protected by wind hood, dust screen, protective shell, etc., to avoid the invasion of wind, rain, snow and dust.

*MegaSig reserves the right to change specifications and accessories without notice.*



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