

Outdoor Microphone Kit SS 601/603

Version: 2.0_20240328_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, 80mm diameter windproof hood and internal rain cover, dust screen, can fully protect the microphone, can withstand the test of wind, rain and snow and other bad weather, and prevent dust damage to the microphone.

It uses a 1/2 inch pre-polarized free field measurement microphone and preamplifier, and uses a BNC interface.

Product characteristics

- Compliance with IEC 61094-4 WS2F Specifications for working standard microphones
- Meets the IP55 protection grade to protect against wind, rain, snow, sand and dust
- Prevent wind noise and birds from roosting
- The protection kit can be quickly removed to facilitate regular acoustic calibration
- Low background noise, typical background noise is 17dBA
- IEPE Power supply

Application area

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

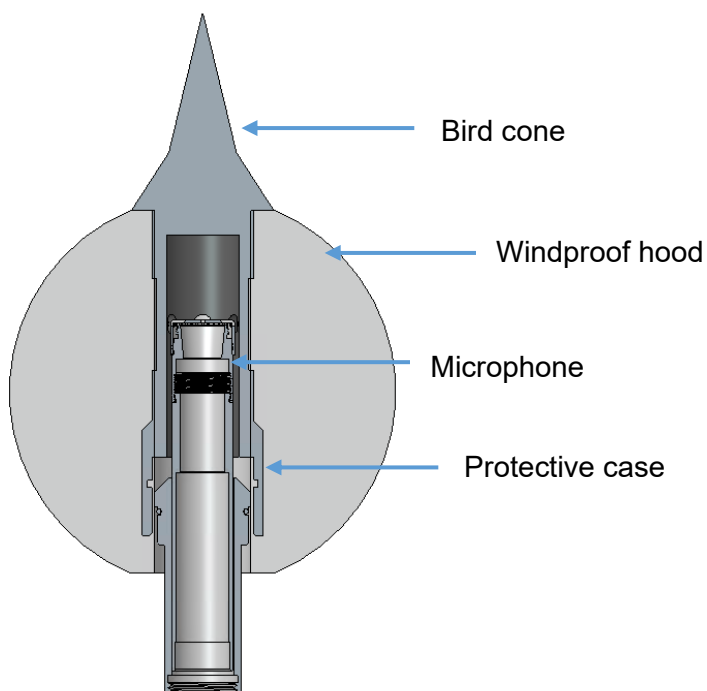
Specifications

Model	SS 601	SS 603
Type of sound field	Free Field Type II	Free Field Type I
Frequency range	3.15Hz – 16kHz ± 2dB 12.5Hz – 10kHz ± 1dB	3.15Hz – 20kHz ± 2dB 12.5Hz – 10kHz ± 1dB
Reference incidence direction	90°	
Dynamic range	17dB (A) -135dB (1000 Hz THD<3%)	
Inherent noise	17dB (A)	
Sensitivity mV/Pa(dBV/Pa)	50mV (-26.0dB) ± 2dB	
Output level max	5.6V	
Output impedance	<50Ω	
Power supply min. to max.	2mA-20mA (Typical 4mA)	
Microphone venting	Rear	
Connect type	BNC	
Temperature range,operation	-20°C to 60°C	
Storage condition	Temperature: 25°C±5°C, humidity: 50%±15%RH (to ensure the long-term stability of the sensor)	
Relative humidity	10-90% no condensation	
Relative humidity coefficient	<0.1dB(10-90% no condensation)	

Mechanical dimension

Overall length (without interfaces)	278mm
Diameter	Ø25mm
Clamping position size	Ø23*33mm

Protective structure



Measurement microphone is protected by windproof 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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