



SPS490 / SPS980 / SPT980 Microphone Array

Features:

- Multiple microphone channels integrated via Lemo socket cable makes the measurement system concise
- Easy disassemble microphone connector
- The array can be installed on the tripod to adjust the measurement position
- Integrated frame made of light aluminum alloy and easy to handle that suitable for laboratory and field measurement
- Professional shipping case



Applications:

- Beamforming measurement
- Acoustic holography measurement

Introduction

Large microphone arrays are commonly used for noise source identification (NSI) and near-field acoustic holography (NAH). BSWA has launched microphone arrays with different structures, including linear, cross, planar, spiral, and irregular arrays, or customization.

SP series arrays are spiral structure arrays, including SPS490, SPS980 and SPT980. Use BSWA microphones type MPA201T and MPA416 / MPA436A as array units. MPA201T is 1/2" standard measurement microphone accords with IEC 61094 standard, the phase difference between array units less than 2°, suitable for measurement requires low base noise and high accuracy. MPA416 / MPA436A are 1/4" array microphone, the phase difference between array units less than 5°. The microphone array can be connected with analysis systems such as Mueller BBM Pak System, NI Multichannel System.

The array frame is manufactured with stainless steel, with strong rigidity and high reliability. The microphone signal output through standard Lemo socket cables, each signal cable connecting to 8 channels via one socket, wiring is compact and neat.

Specifications

Type	SPS490	SPS980	SPT980
Number of Microphones	16	36	36
Microphone Connector	SMB	SMB	TNC
Suitable Microphone	MPA416 / MPA436A		MPA201T
Output Socket	Lemo-8 pin		
Operating Environment	Temperature: - 40 °C ~ 40 °C, Humidity: 0 %RH ~ 98 %RH		
Dimension ¹ (mm)	Ø 480	Ø 866	

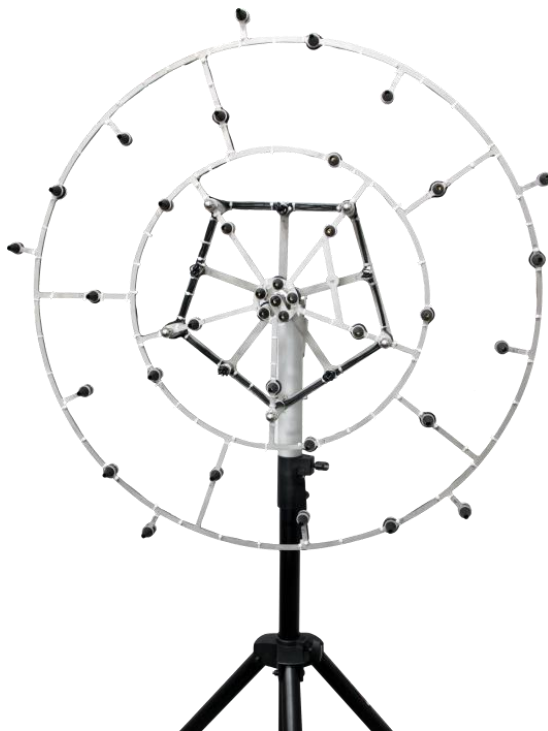
Note1: microphone array only, not including the tripod.



SPS490



SPS980 / SPT980



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