

COS-11s

Omni-Directional Miniature Electret Lavalier Microphone

- **NEW 2.1mm Cable**
- **Ultra-Miniature**
- **Natural response**
- **Unique diaphragm design**
- **Extended frequency range**
- **Surface noise isolation**



The cos-11s lavalier microphone was designed to meet today's highest audio standards while satisfying the concealment requirements of theater and high-resolution film and video. The new COS-11s features a thicker 2.1mm cable with a 0.5mm cable jacket—twice as thick as COS-11 models. The new cable smoothly matches the entry connector, preventing snags when pulled through hair or clothing.

The new COS-11s cabling was developed in conjunction with renowned musical sound design companies responsible for theater systems around the world. Extensively field tested, the resulting COS-11s is extremely rugged and highly impervious to the body humidity associated with rigorous stage, film and TV production. Even after extended usage, cabling remains soft, pliable and adheres comfortably to the skin.

Ideal for live broadcasting, location recording and theater applications, the COS-11s assures top levels of transient response, extended frequency range and extremely low sensitivity to mechanical noise. The COS-11s provides unprecedented omni-directional response. Sanken utilizes exclusive vertical placement of the diaphragm for a greater effective area within a much smaller casing. To create the COS-11s, Sanken has combined extensive R&D with the world's most advanced precision craftsmanship for the ultimate in sensitivity, natural sound and hidden capabilities.

- **2.1mm rugged cabling resistant to sweat; stays soft and pliable even after extended use**
- **20Hz - 20,000Hz with 95dB dynamic range (PT)**
- **High output and low noise with extremely smooth omni-directional pattern control**
- **PPS (poly-phenylene-sulfide) diaphragm provides humidity and temperature stability, outperforming all other condenser lavaliers**
- **Vertical diaphragm placement protects against sweat and spray**
- **Built-in 3-layer windscreen minimizes pops, sibilance and wind noise**
- **Assortment of clips, rubber mounts, and outdoor windscreens**
- **For High SPL Sound source, Red Mark (RM) is available for all COS-11s Series.**

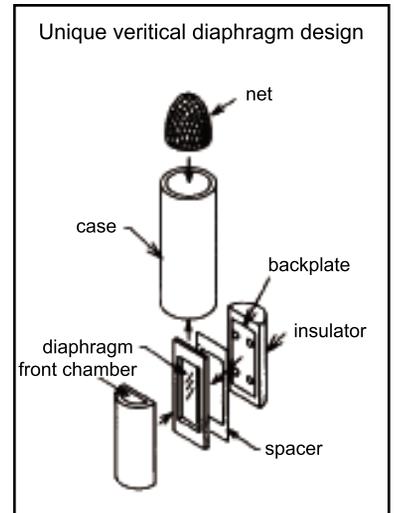


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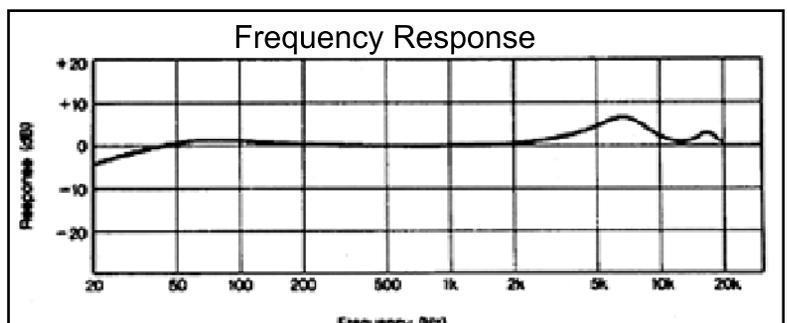
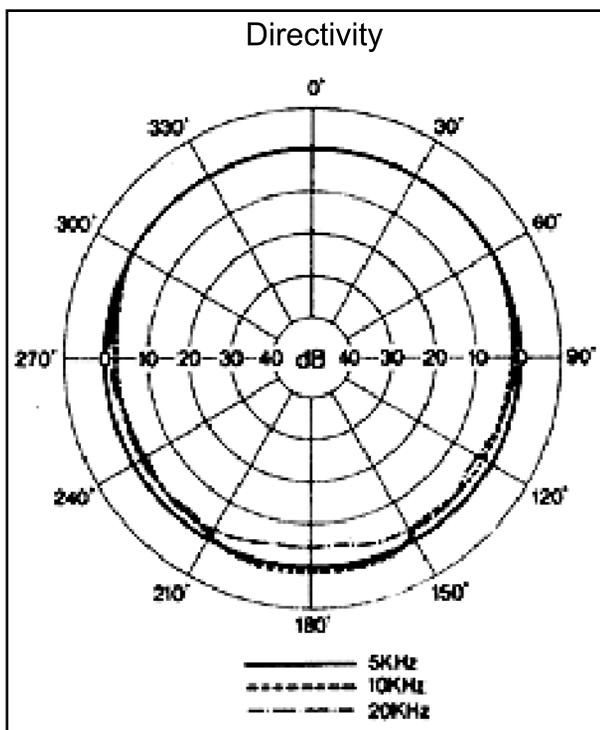
Now available in three version: COS-11s, COS-11sPT pigtail, and COS-11sBT battery powered.

Specifications	COS-11s	COS-11sPT	COS-11sBP
Transducer type:	Back-electret condenser	Back-electret condenser	Back-electret condenser
Direction pattern:	Omni-directional	Omni-directional	Omni-directional
Frequency response:	20 - 20,000Hz (± 2dB)	20 - 20,000Hz (± 2dB)	20 - 20,000Hz (± 2dB)
Source impedance:	Approx.180 Ohms	Approx.700 Ohms	Approx.200 Ohms
Sensitivity at 1kHz:	17.8mV/1Pa (-35dB ± 2dB)	8.9mV/1Pa (-41dB ± 2dB)	6.0mV/1Pa (-44.5dB ± 2dB)
Sensitivity at 1kHz: (Red Mark)	6.3mV (-44dB/Pa)	3.2mV (-50dB/Pa)	2.1mV (-53.5dB/Pa)
S/N to IEC 179:	>66dB	>66dB	>66dB
Equivalent noise level:	Less than 28dB SPL (0dB = 20 μPA, IEC 179)	Less than 28dB SPL (0dB = 20 μPA, IEC 179)	Less than 28dB SPL (0dB = 20 μPA, IEC 179)
Max sound pressure: for 1.0%THD	127dB SPL	123dB SPL	120dB SPL
Max SPL (Red Mark):	136dB SPL	132dB SPL	129dB SPL
Total dynamic range:	95dB Min.	94dB Min.	92dB Min
Power supply:	48V ±4V Phantom	+3V to +10V	1.5V IEC R6battery or 12V - 52V Phantom
Current consumption:	2mA	0.3mA	0.8mA(battery)
Output connector:	3-pin XLR	Connector-less	3-pin XLR
Connections:	pin-1 = ground pin-2 = audio hot pin-3 = audio cold	Shield = ground White = audio hot Black = DC power	pin-1 = ground pin-2 = audio hot pin-3 = audio cold
Dimensions:	Ø4.0mm x16.1mm	Ø4.0mm x16.1mm	Ø4.0mm x16.1mm



Supplied accessories: WS-11 window screen, RM-11rubber mount and HC -11s holder clip

We reserve the right to improve or alter product design and specifications without notice or obligation.



Dealer: