



The world's most original microphone maker

COS-11D Superb Sound in a New Generation Ultra-miniature Lavalier Mic



- **Increased immunity to RFI**
- **Improved Durable Design**
- **Same Great Clear and Rich Sound**
- **Four Color Choices**
- **Robust Moisture Resistance**
- **Unique Vertical Diaphragm Design**
- **Optimized for the Human Voice**

Sanken, manufacturer of the industry-wide standard in ultra-miniature lavalier microphones, now offers the COS-11D. This new generation lavalier was designed to meet today's HD audio standards while providing greater immunity to RF interference. In today's wireless transmission systems the microphone must remain unaffected by new forms of digital transmitter signals. While the benefits of these new systems are obvious, they present new challenges in the area of emission protection. In many cases, noise levels increase and the S/N ratio is deteriorated by the interference of digital transmitters. Sanken has designed the COS-11D specifically to diminish the instances where interference is an issue. Endorsed by wireless transmitter manufacturers, the COS-11D PT incorporates exclusive design advances that deal with both digital and digital/analog hybrid

RF wireless transmission. Focusing on the latest challenges in wireless technologies, Sanken has partnered with industry leaders to provide a breakthrough microphone designed to minimize the instances where RF interference is an issue.

Sanken utilizes an exclusive vertical placement of the diaphragm for a much greater effective area within an extremely small casing. Available in four colors (Black, White, Gray, and Beige), the COS-11D features a front mesh screen which is water resistant, better protecting the microphone from perspiration and cosmetics. In addition, the water resistant COS-11D is ideal for outdoor shooting in foul weather.

Sanken has combined extensive R&D with the world's most advanced precision craftsmanship for the ultimate in sensitivity and natural sound.

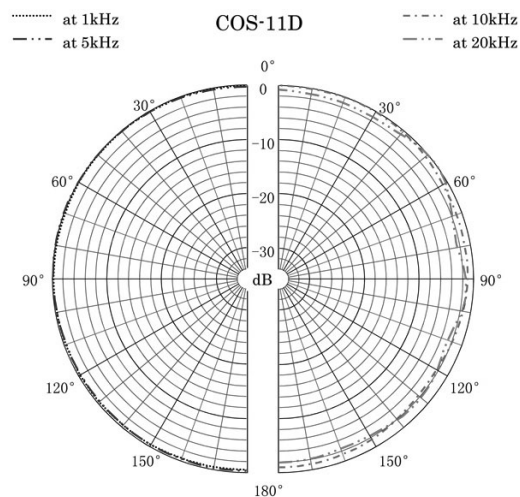


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PRODUCT SPECIFICATIONS

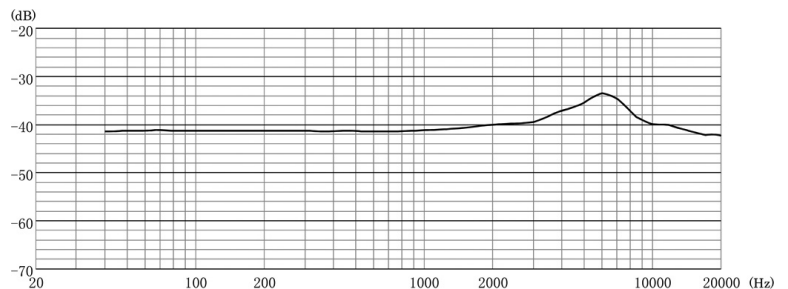
	COS-11D	COS-11D BP (BATTERY POWERED)	COS-11D PT (PIGTAIL)
Directivity	Omni-directional	Omni-directional	Omni-directional
Transducer	Pre-polarized condenser	Pre-polarized condenser	Pre-polarized condenser
Frequency range	50~20kHz	50~20kHz	50~20kHz
Sensitivity (± 2 dB at 1kHz)	17.8mV/Pa (-35dB)	6.0mV/Pa(-44.5dB)	8.9mV/Pa(-41dB) RM: 3.2mV/Pa(-50dB) 10k Ω load
Equivalent noise level (A-weighted)	Less than 28dB-A	Less than 28dB-A	Less than 28dB-A
Signal to noise ratio (A-weighted)	More than 66dB	More than 66dB	More than 66dB
Max SPL (1% THD)	127dB SPL	120dB SPL	123dB SPL RM:132dB SPL
Output impedance at 1kHz ($\pm 30\%$)	180	200	700
Powering	+48V \pm 4V U.P.F	1.5V AA battery or +12V ~ +52V phantom	+3V ~ +10V to Black wire
Current consumption	Less than 2mA	Less than 0.8mA	Less than 0.3mA
Dimensions (microphone part only)	4.0mm X 16.1 mm	4.0mm X 16.1 mm	4.0mm X 16.1 mm
Surface finish	Baked painting	Baked painting	Baked painting
Pin assignment	XLR-3M Pin 1: Ground Pin 2: signal positive Pin 3: signal negative	XLR-3M Pin 1: Ground Pin 2: signal positive Pin 3: signal negative	Stripped cable ends (no connector) Shield: Ground White: source Black: drain
Supplied standard accessories	WS-11 windscreen, RM-11 rubber mount and HC-11 holder clip		



COLORS AVAILABLE FOR COS-11D*, COS-11D BP* AND COS-11D PT*

BK- Black GY- Grey
BE- Beige WH-White

* Color abbreviations follow the model name



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