

# FROM SANKEN MICROPHONES

## DUAL TITANIUM CAPSULE, CARDIOID TRANSFORMERLESS MICROPHONE INSTRUCTION MANUAL FOR CU-44X MK II

### POWERING

This microphone is designed to be driven by 48V phantom power only.

### ENVIRONMENTAL CONDITIONS FOR USE AND STORAGE

The microphone should be stored only in temperatures between 0 and 40 degrees C (32°-104° F), and humidity between 0% and 80%.

Do not store or use this microphone in dusty environments.

Do not store where there is high humidity or excess moisture.

Do not store in situations with strong vibrations or constant shaking.

### MAINTENANCE

Wipe only with a soft cloth. Do not use thinners or benzene. Use a neutral detergent and clean with a dry, soft cloth.

### INSTRUCTIONS

The CU-44XII is a DC-biased condenser microphone. It is driven by +48V phantom voltage fed from the microphone pre-amplifier or the mixer. Cardioid directivity is achieved with the Sanken logo on the front side.

Avoid rough handling.

The microphone output connector is XLR-3M (XLR3-12C equivalent).

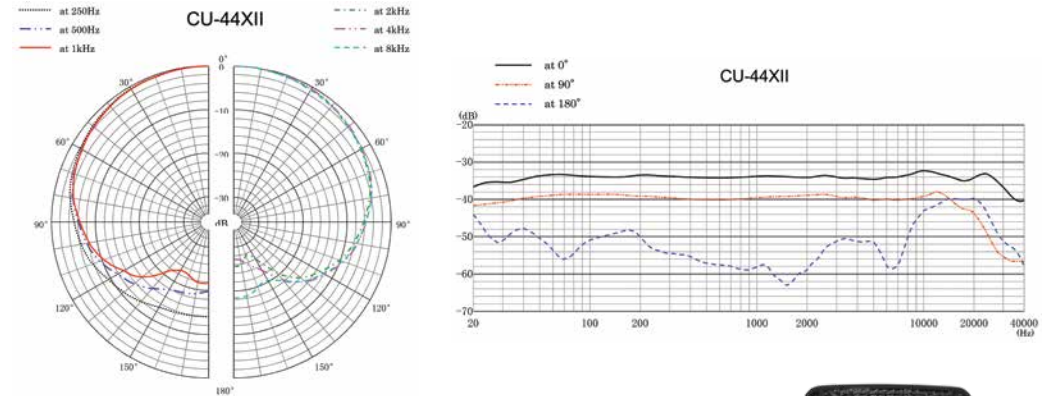
Output signal is balanced and cannot be used with unbalanced input circuitry.

Connection with balanced input is essential.



Use the included S-44X shock mount to avoid unwanted vibration noise.

## POLAR, FREQUENCY RESPONSE & SPECIFICATIONS



### Model Name

Transducer

Directivity

Frequency response

Sensitivity

Equivalent noise level (IEC)

Max SPL(1% THD)

Output impedance( 1kHz )

Powering

Current consumption

Weight

Dimensions

Surface finish

Connector

### CU-44X MKII

DC biased condenser

Cardioid

20Hz – 30kHz

-34dB(20mV, 0dB=1V/Pa)

15dB-A

140dB SPL

150 ohms

+48V±4V phantom

4mA

430g / .95lbs

156mm x 45.5mm (D)  
6.14in x 1.79in (D)

Matte black

XLR-3-12C(M) equivalent  
1: GND, 2: Hot, 3: Cold



Specification subject to change without notice

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