

FROM SANKEN MICROPHONES

SINGLE CONDENSER CARDIOID MICROPHONE INSTRUCTION MANUAL FOR CU-51

POWERING

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

ENVIRONMENTAL CONDITIONS FOR USE AND STORAGE

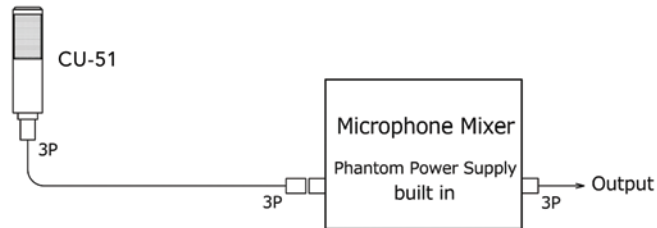
The microphone should be stored only in temperatures between 0° and 40° C (32°-104° F), and humidity between 0% and 80%.
Do not store or use this microphone in dusty environments.
Do not store where there is high humidity or excess moisture.
Do not store in situations with strong vibrations or constant shaking.

MAINTENANCE

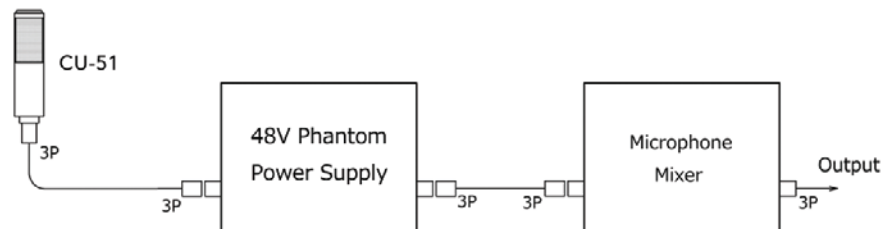
Wipe only with a soft cloth.
Do not use thinners or benzene.
Use a neutral detergent and clean with a dry, soft cloth.

HOW TO CONNECT

Microphone Mixer - phantom power supply built-in



External phantom power supply



OUTPUT

The output signal is balanced and requires phantom power. This mic cannot be used with unbalanced input circuitry. Connect to a balanced input.

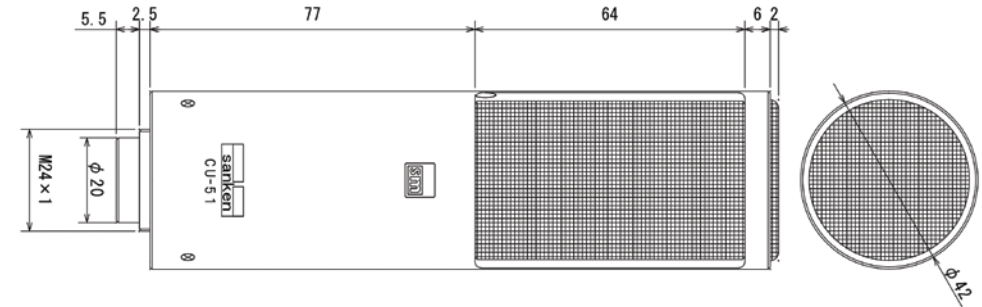
INSTALLATION

The SM Logo indicates the front of the microphone.

Front direction
mark



DIMENSIONS



SETTINGS

Suspend the mic using the optional KS-51 shock mount band suspension, the S-51 shock mount basket suspension, or the RS-51 shock mount basket suspension.



Optional KS-51
shock mount band
suspension

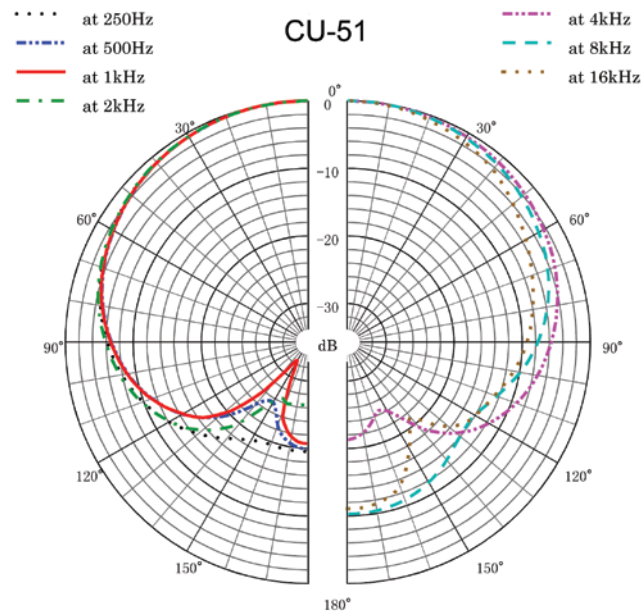
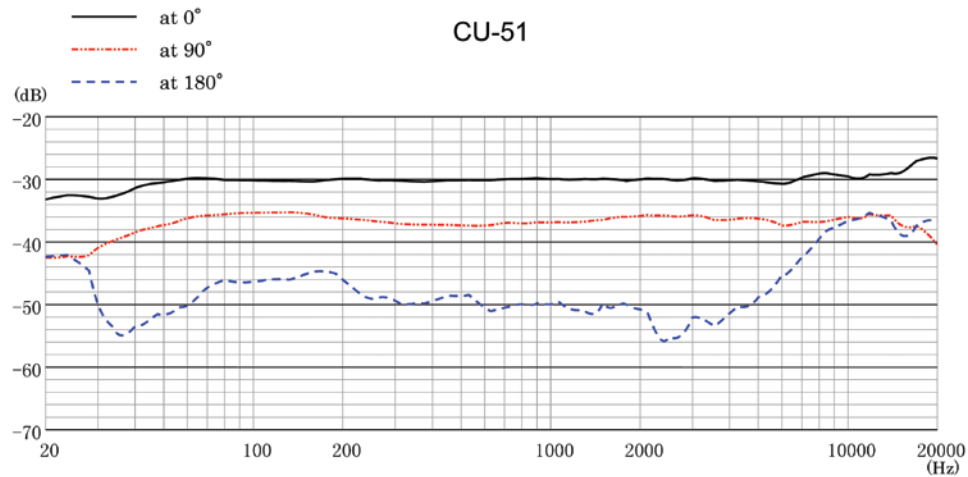


Optional S-51 shock
mount basket
suspension



Optional RS-51
shock mount basket
suspension

FREQUENCY RESPONSE & POLAR PATTERN



SPECIFICATIONS

Model Name	CU-51
Transducer	DC biased condenser
Directivity	Cardioid
Frequency response	20Hz – 20kHz
Sensitivity	-30dB (31.6mV , 0dB=1V/Pa)
Equivalent noise level (IEC)	14dB-A
Max SPL(1% THD)	138dB SPL
Output impedance(1kHz)	150 ohms
Powering	+48V±4V phantom
Current consumption	4mA
Weight	430g/ .95lbs
Dimensions	157mm X 41.5mm (D) 6.2in x 1.6in (D)
Surface finish	Matte brown
Connector	XLR-3-12C(M) equivalent 1: GND, 2: Hot, 3: Cold

Specification subject to change without notice



CONTACT US

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