

# FROM SANKEN MICROPHONES

## SINGLE CONDENSER CARDIOID MICROPHONE INSTRUCTION MANUAL FOR CU-55

### 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

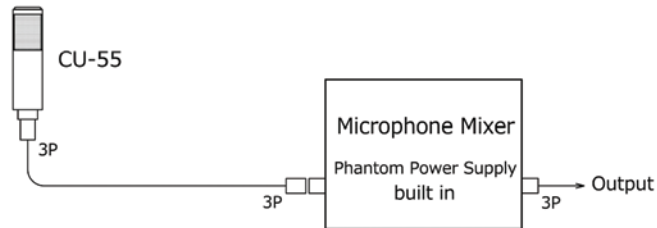
Wipe only with a soft cloth.

Do not use thinners or benzene.

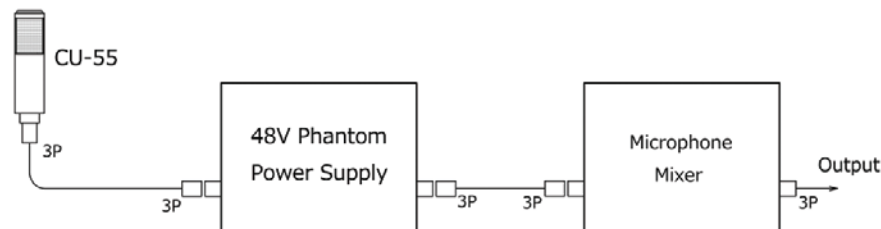
Use a neutral detergent and clean with a dry, soft cloth.

### HOW TO CONNECT

Microphone Mixer - phantom power supply built-in



External phantom power supply



### INSTALLATION

The SM Logo indicates the front of the microphone.

Front direction  
mark



### PAD SWITCH

Use the slide switch at the rear side of CU-55 to reduce the microphone's sensitivity for loud recordings by turning it to -10dB position.

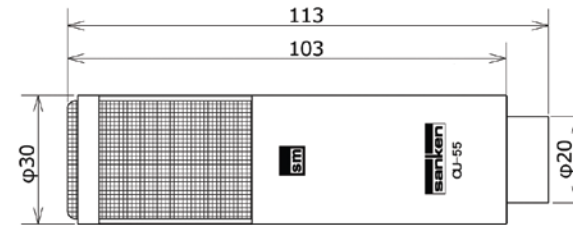


0dB



-10dB

### DIMENSIONS



### SETTINGS

Suspend the mic using the optional S-55 basket shock mount or the K-55 band shock mount.

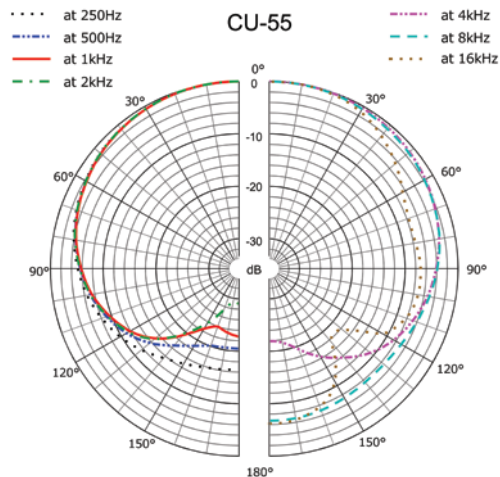
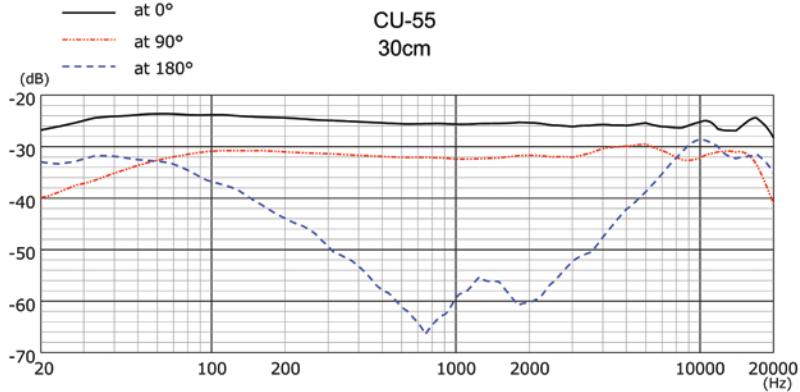
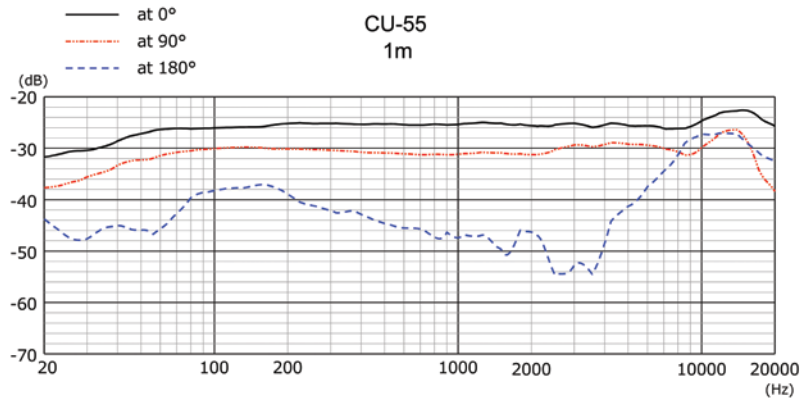


Optional S-55 Basket Shock Mount



Optional K-55 Band Shock Mount

## FREQUENCY RESPONSE & POLAR PATTERN



## SPECIFICATIONS

<b>Model Name</b>	<b>CU-55</b>
Transducer	DC biased condenser
Directivity	Cardioid
Frequency response	40Hz – 20kHz
Sensitivity	PAD@:0dB -26dB (50.1mV, 0dB=1V/Pa) PAD@:-10dB -36dB (15.8mV, 0dB=1V/Pa)
Equivalent noise level (IEC)	15dB-A
Max SPL(1% THD)	137dB SPL(PAD@:0dB), 147dB SPL(PAD@:-10dB)
Output impedance( 1kHz )	180 ohms
Powering	+48V±4V phantom
Current consumption	3.5mA
Weight	180g/ .4lbs
Dimensions	113mm x 30mm (D) 4.45in x 1.18in (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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