

FROM SANKEN MICROPHONES

ADJUSTABLE STEREO 0° TO 180° DUAL CARDIOID CONDENSER MICROPHONE INSTRUCTION MANUAL FOR CUW-180

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.

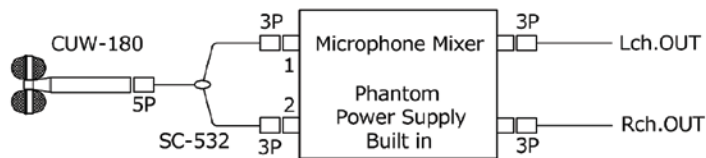
Do not use thinners or benzene.

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

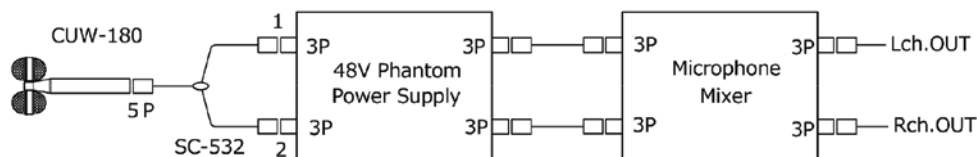
HOW TO CONNECT

CUW-180 is an X-Y Stereo Microphone that has two independent cardioid capsules. Capsule-1 is Left channel, and Capsule-2 is Right channel.

Microphone Mixer - phantom power supply built in



External phantom power supply

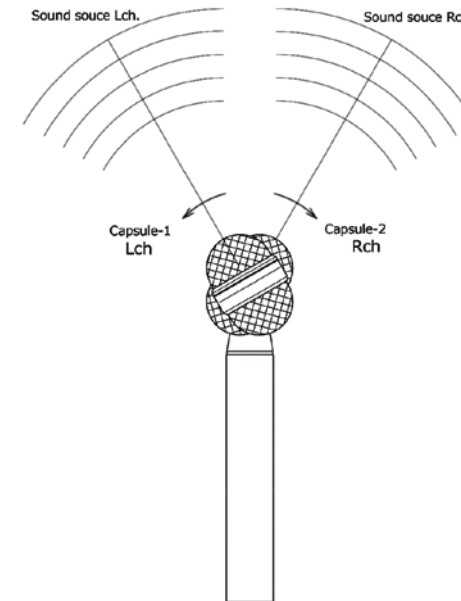


SETTINGS

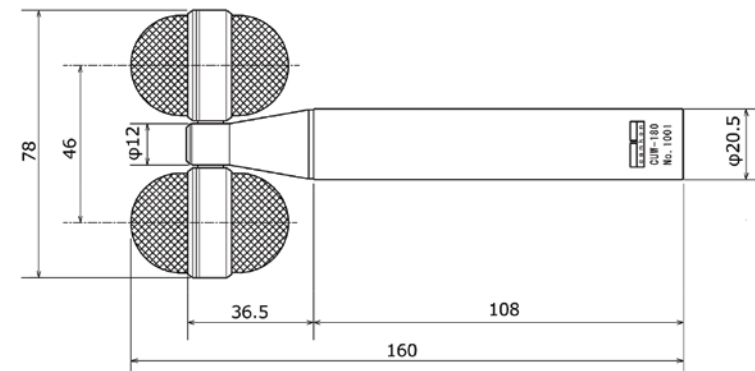
Rotate upper capsule (Capsule-1) to the left from the center position. One click is equivalent to 15 degrees step.

The lower capsule (Capsule-2) should be rotated to the right side.

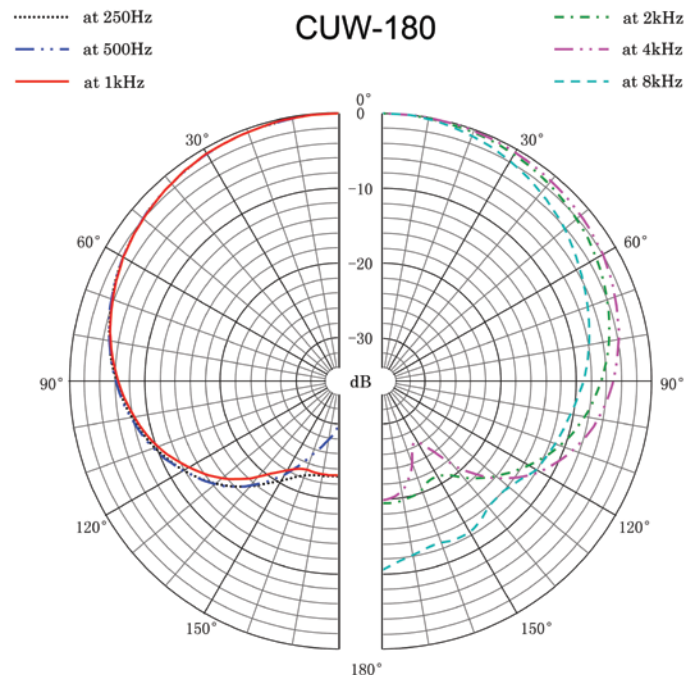
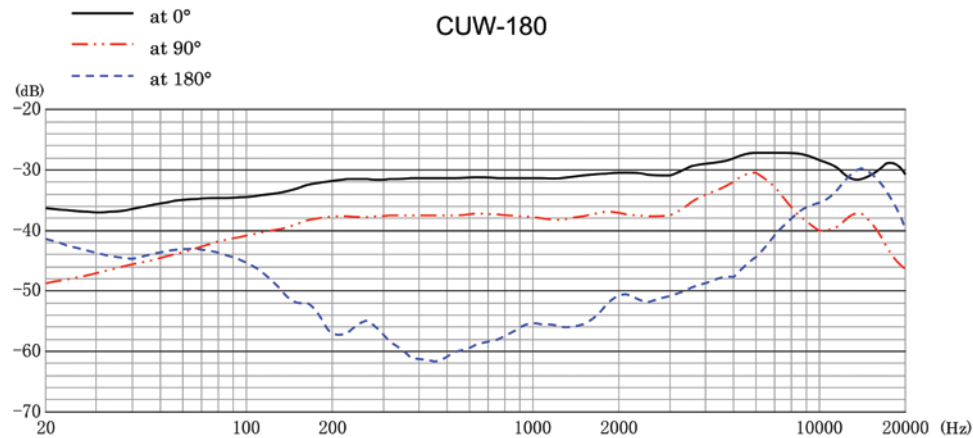
Maximum rotation is ±90 degree. Do not force rotation.



DIMENSIONS



FREQUENCY RESPONSE & POLAR PATTERN



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

(5 pin XLR female to two XLR 3 pin male/0.3 meter Included with CUW-180)

CUW-180

DC biased condenser

Cardioid

20Hz – 20kHz

-31dB(28.2mV, 0dB=1V/Pa)

17dB-A

137dB SPL

180 ohms

+48V±4V phantom

1.5mA x 2

224g/ .5lbs

160.6mm x 78.7mm (D)
6.32in x 3.10in (D)

Matte black

XLR-5M

1: GND 2: L ch Hot
3: L ch Cold 4: R ch Hot
5: R ch Cold



Specification subject to change without notice

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