



### **MicW Audio**

A member of **BSWA Technology Ltd.**  
Unit 1003, North Ring Center, No.18 Yumin Road, Xicheng District  
Beijing 100029, China  
Phone: +86-10-51285118  
Fax: +86-10-8225 1626  
Email: sales@mic-w.com  
Web: www.mic-w.com

2008, **MicW** microphones  
Product features and specifications are subject to change without notice.



## **CN201**

Studio Microphone

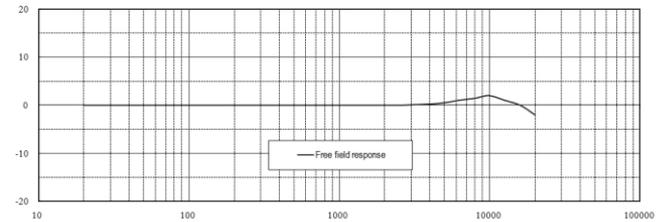
## **User's Manual**

Version: V1.00



## 1、 SPECIFICATIONS

MICROPHONE CN201/CN201-Pair	
Capsule Diameter	12.7 mm
Polar Pattern	omni
Sensitivity ( $\pm 2$ dB)	40 mV/Pa; -28 dB re. 1V/Pa
Frequency Response	20 Hz ~ 20k Hz
Power Supply	48 V Phantom power
Total Harmonic Distortion (THD)	< 1% up to 130 dB SPL peak
Thermal Noise	< 18 dBA
Output Impedance	< 200 Ohm
Length	22 mm
Weight	34 g
Connector	3-pin XLR



Frequency Response of CN201

## 9、 Packing List

- ✧ CN201 Pair
- ✧ Clips
- ✧ Case
- ✧ User's manual

## 2、INTRODUCTION

Welcome to use *MicW* series professional microphones!

The *MicW* CN201 is compact omni directional microphone that uses similar 1/2" capsule as N201.

The CN201 is suitable for the most critical recording applications requiring extreme performance and environmental stability. The N201 has the flat frequency response from 20 Hz to 20k Hz, with low noise floor of 18 dB (A).

## 3、SAFETY INSTRUCTION

It is important to read all safety precautions and operating instructions before attempting to operate the unit. Keep all safety precautions and operating instructions for future reference.

### ***Warning:***

Condenser microphones are extremely moisture-sensitive. Never use your microphone in close proximity to water (e.g. bath tubs, wash basins, sinks, washing machines, pools, etc.). When doing voice recordings, always use the enclosed windscreen to safely protect the capsule from moisture.

Please don't touch the vibration parts especially the diaphragm behind the protection grid. Don't move the capsule when it is in operation. Take care not to drop your microphone as this can lead to severe damage. MicW assumes no liability for any damage caused by the user.

After each use, place it back into its protective casing. Then, lay the small bag containing the moisture-absorbing crystals on top of the microphone head.

## 4、 POWER SUPPLY

Phantom power (+48 V) is required to operate your microphone. We assume no liability for damage caused to your HN101 through defective phantom power. Before activating phantom power, mute your playback system and connect the HN101 to the microphone input of your mixing console. After activating phantom power, the HN101 requires several seconds to stabilize itself.

## 5、 APPLICATIONS

The *MicW* CN201 is a state-of-the-art stereo kit. Therefore, it is particularly well-suited for stereo recordings. Regardless of whether you are miking an entire ensemble or a single sound source (e.g. drums, piano or background vocals), this microphone lets you achieve outstanding spatial impressions in every recording session.

Of course, you can use *MicW* CN201 -pair that feature two matched CN201 microphones as well. Each pair is guaranteed to the sensitivity match within 0.5dB and phase match within  $5^{\circ}$ .

## 6、 MICROPHONE INSTALLATION

Use a clip to fix the CN201.

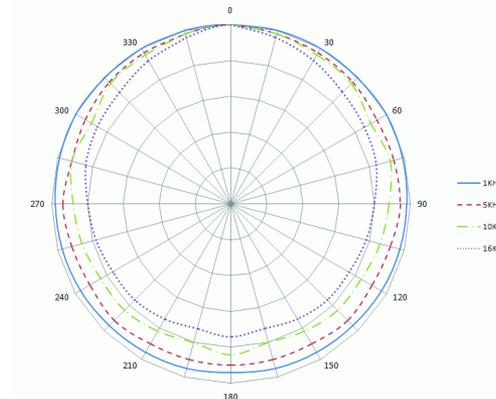
## 7、 AUDIO CONNECTION

To connect the CN201 to your equipment, use a balanced XLR microphone cable with the following pin assignment: Pin 1 = shielding, pin 2 = +, pin 3 = -. Since all contact points of the CN201 are gold-plated, your microphone cable should feature

gold-plated connectors, if possible.

## 8、 DIRECTIONAL CHARACTERISTIC

The microphone features a capsule with Omni pickup pattern. Microphones with this polar pattern are most sensitive to sound coming from in each angle of the microphone.



Polar pattern