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## MicW – Precision Solutions

MicW Audio is a precision microphone manufacturer of metal-type professional microphones for recording, broadcasting, and live music. Its N-series high quality condenser microphones are based on nickel diaphragm technology. From the subtlest sound of a piano, to the high intensity of a full brass section, the MicW microphones present spectacularly pure and uncoloured sound.

### Company Profile

MicW was founded in Beijing in 1989 by five well-educated acousticians with the ambition to create world-class microphones. The company's early business was focused on manufacturing measurement microphones for OEM market. Rich experiences in measurement microphones enabled the company to enter the professional microphone market with its own brand technology and manufacturing facilities.

### Production and Quality

The 2,000m<sup>2</sup> MicW production facility is located in Beijing, China. The facility comprises manufacturing areas, test laboratories, environmental chambers, a full anechoic chamber, and a clean room. All microphones are handcrafted and individually tested. The MicW is committed to total quality management, ensuring that every product meets strict standards in performance. The MicW production facility has been awarded an ISO9001 Certificate by TÜV.

### Research and Development

As a technology-leading company, MicW invests heavily in product research and development. Engineers were recruited with a specific knowledge domain and skill-set, 80% of them with M.S. and Ph.D. degrees in Audio Engineering, Acoustics, and related sciences. This results in not only an incredibly knowledgeable team of developers and technicians, but also a team that is dynamic, innovative, highly motivated, and capable to develop and manufacture high quality products.

### Products

#### N-Series – Precision Recording Microphones

The N-series precision recording microphones are based on the nickel



diaphragm technology in all metal structures. The microphones transport spectacularly pure and uncoloured sound from the subtlest nuances of a solo violin, to the thunderous intensity of a full brass section or drum kit.

The N-series has five models ranging from large diaphragm cardioid to 1/4" omni

#### E-Series



microphones, which cover the application from vocals, grand pianos, instruments, and drum kits. The modern-styled N-series microphones are carefully designed to look as beautiful as they sound.

The N-series microphones leverage MicW's research and development into nickel diaphragm technology. The nickel diaphragm is precisely stretched to give the full frequency range of response; some models can be up to 70kHz. A thin layer of polymer is then coated on the diaphragm to give a subtle touch of the performance.

#### E-Series – Performance vs. Cost

The MicW E-series microphones are developed for general recording purposes, with a high ratio of performance:cost. The E-series microphones have similar mechanical structures to the N-series microphones, but use a different material. The diaphragms of the E-Series are made from polymer and coated with gold or nickel. Innovative designs give E-series microphones similar accuracy and performance to the N-series microphones, but at lower costs. E-series microphones



G-Series

are a good choice for customers looking for high value microphones with high performance.

There are three models of E-series microphones, ranging from shotgun, to 1/2" and 1/4" microphones, and with polar patterns from super-cardioid to omni-directional.

#### G-Series – Golden Diaphragm Microphone

The MicW G-Series Golden Diaphragm Microphone is an omni-directional microphone that uses a 26mm diameter large diaphragm capsule. It uses a gold-plated polymer diaphragm, the tension of which is carefully adjusted during the manufacturing process to ensure a frequency response from 10Hz to 20kHz, with a 4-6dB soft boost around 8kHz. The G-Series offers a totally transparent audio path with an exceptionally low noise floor of maximum 12 dB(A).

Microphone Pair



#### Microphone Pair

MicW also provides microphone pairs, which are state-of-the-art stereo kits featuring two matched microphones. Each pair is guaranteed to a sensitivity match within 0.5dB, and phase match within 5 degrees up to 5000Hz.

#### Highlights of MicW Audio

- Precision microphone manufacturer based in Beijing with ten years of experience
- Condenser capsules with nickel diaphragms
- High quality products with a 5 year warranty

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