

# NAJA D301

## Dante Square Pole Microphone



### Product Introduction

This is a Dante interface desktop microphone, which can realize the conversion of analog audio signals to Dante digital audio signals, long-distance transmission through Dante interface, and power supply through POE. The supported POE standards are IEEE 802.03af, IEEE 802.03at, which provide a high-quality sound pickup solution with low latency and simple wiring. Built-in high-performance embedded CPU, faster processing speed, refined structural design, all-metal microphone pole design, exquisite surface treatment, showcasing exquisite craftsmanship of modern industry. High-fidelity, high sensitivity microphone, super-cardioid pickup effect, high-quality pickup guarantee, the best pickup distance 40-80 cm, physical on/off switch for microphone.

### Functions

- ✧ High-fidelity Microphone capsule serves as a guarantee for high-quality sound pickup, the microphone is designed with all-metal material.
- ✧ The high-Sensitivity capsule offers Super-cardioid pickup effect, with an optimal pickup distance of 40 ~ 80CM.
- ✧ It is equipped with a physical on/off switch for the microphone.
- ✧ The system unit provides Dante digital audio output interface;
- ✧ 802.3af、802.3at Standard POE switch power supply;

- ✧ Simple audio routing, configure audio routing through Dante Controller.

## Specification

|                                    |  |
|------------------------------------|--|
| Pickup                             | 14 mm capacitive gold-plated diaphragm microphone      |
| Output interface                   | 1 RJ45, transmitting 1 channels of Dante network audio |
| Directionality                     | Supercardioid  |
| Frequency Response                 | 20Hz~20kHz; 125(-6dB)-14kHz(-3dB)                      |
| Sensitivity                        | -34dB±2dB  |
| Maximum Sound Pressure Level       | 110dB (3%T.H.D.@1kHz, 0dBSPL=2x10Pa)                   |
| Equivalent Noise Level             | <25dBSPL(A)  |
| Signal-to-Noise Ratio              | 70dB, 1kHz   |
| Overload Harmonic Distortion       | <1%  |
| Sampling Rate                      | 48kHz  |
| Bit Depth                          | 24-bit   |
| Operating Temperature and Humidity | 0℃~40℃, 10%~90%RH, No condensation                     |
| Network Transmission               | Dante IP/AES67/RTP Audio                               |
| Dante Device Latency               | 1、 2 or 5ms (Configurable using Dante Controller)      |
| Power Supply                       | 802.3af、 802.3at Standard POE switch                   |
| Maximum Power Consumption          | 1.5W   |
| Microphone Length                  | 232mm×37mm×25mm  |
| Chassis Dimensions (L×W×H)         | 149mm×94.1mm×55.4mm                                    |
| Weight                             | 0.9kg  |
| Package Dimensions (L×W×H)         | 400mm×160mm×85mm                                       |

|                |       |
|----------------|-------|
| Package Weight | 1.4kg |
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