



Product Features

- **End-to-End Localization:** Self-designed, developed, and manufactured in China.
- Built-in high-performance preamp;
- Support backstage control to switch the microphone on and off;
- Customizable device ID/nameplate display;
- **Built-in multiple microphone processing module algorithms:** High and low pass filters, 12-Band PEQ, adaptive feedback suppressor, split compressor and other processing functions. Consistency of voice volume and timbre can be realized when picking up from near and far distances;
- **Individual processor:** Every Microphone has its own independent processor for signal processing, you can configure the volume and tone consistency pickup to ensure the stability and clarity of the sound;
- **Software control and management:** Supports independent software control and management of the microphone, allowing for easy remote control and status monitoring. Furthermore, it can participate in other DSP's auto mixing and achieve camera tracking;
- Modular design

Specifications

| | |
|---|--------------------|
| Polar Pattern | Super Cardioid |
| Processor | Made in China |
| Sampling Rate/Bit Depth | 48K,24bit |
| Phantom Power | 48V 10ma |
| Frequency Respond | 20-20kHz |
| Sensitivity | -36 dB |
| Preamp Adjustment | 0-42dB |
| Output Impedance | <200Ω |
| Input Dynamic Range | 97dB |
| Output Dynamic Range | 97dB |
| Signal-to-Noise Ratio | 106 dB @4dBu |
| Equivalent Input Noise | 16 dB (A-weighted) |
| Power Supply | PoE |
| Input Impedance (Balanced Connection) | 3.6KΩ |
| Latency | < 4ms |
| Operation Guaranteed Temperature Range | 0-40°C |
| Weight | 1.05Kg |
| Microphone Pole Size (Lx Wx H) | 220x34x23 (mm) |

NMC100D Smart Audio Management Host



Product Features

- 32 bus input/output
 - 8 analog group output
 - Bidirectional RS-232
 - Support host dual backup function
 - Redundant Dante network audio interface
 - Support all microphones turned on, voice activation, ATS
 - comb filter control unit channels can be output independently or in groups (up to 40 groups)
 - Support remote management of control interface
- Support automatic mixer, feedback suppressor of independent channels, EQ, high and low pass and other signal processing

Specifications

| | |
|---|-------------------------|
| Processor | ADI SHARC 21569 |
| Frequency response | 20-20kHz ± 3 dB |
| Sampling Rate/Bit Depth | 48kHz/24bit |
| Maximum level | 20dBu |
| Input gain | 0-48dB |
| Input dynamic range | ≥ 115 dB |
| Phantom power | +48V/100mA |
| Output dynamic range | ≥ 115 dB |
| THD+N | -97dB 1kHz (unweighted) |
| Input impedance (balanced connection) | 5.4k Ω |
| Output impedance (balanced connection) | 300 Ω |
| System Delay | <3ms |
| Operating Power Supply | AC110~240V, 50Hz/60Hz |
| Dimensions (W x D x H) | 482 x 260 x 45mm |
| Shipping Weight | 4KG |
| Ambient operating temperature | 0-40°C |