iMeeting X-Mic-DC/DD

Smart full-digital conference Chairman/ Delegate unit

(Pure Discussion, without screen)

*Datasheet V2.0*

|  |  |
| --- | --- |
| Square Stem: Pure Discussion, without screen | |
|  |  |
| iMeeting X-Mic-DC (Chairman Unit) | iMeeting X-Mic-DD (Delegate Unit) |

**FEATURES**

1. Full digital conference technology, simple and strong anti-static desktop design, in line with ergonomics, very modern sense of science and technology.
2. Adopt high-strength anti-scratch tempered glass surface, light touch keys, accurate positioning, rapid control, no mechanical keys, no wear, unlimited life.
3. Adopt the design of aluminum alloy integrated square microphone stem, and adopt the principle of sound interference, which has excellent super-directional performance.
4. Multi-functional conference speech unit integrating speech discussion, video tracking and conference service.
5. DSP digital processing and transmission technology is adopted to overcome the problem of long-distance transmission attenuation. The 6-core cable distance can reach 250 meters, and the network cable distance can reach 150 meters.
6. The chairman has a priority button, which can quickly close the delegate unit. The delegate unit can be set as a VIP unit. The VIP unit is not limited to speak and will not be opened and closed by other delegate units.
7. 24V power supply is provided by the conference controller, with low power consumption design, and 20 conference units can be connected in a single way.
8. Adopt digital strong anti-interference technology to ensure that the equipment in the venue is not interfered by mobile phones, Bluetooth, radio, WiFi and other signals.
9. The camera tracking function is available with the conference controller, which can be preset through the conference controller, control keyboard or PC software.
10. The system has first-in first-out, limited mode, speech application and other modes, and the number of speakers can be set from 1 to 6.
11. Live "hot plug" function is available between units, so that the safety of the system is more guaranteed.
12. Speech unit equipment adopts non-compressed audio transmission technology, 48K sampling rate, 20Hz-20KHz bandwidth, perfect sound quality; With low delay technology, the output from microphone sound to power amplifier is less than 10ms; Long-distance high-fidelity pickup, the effective pickup distance is greater than 50cm.
13. The system adopts the ID addressing mode. The conference management software or the conference controller defines the ID number of the unit to avoid ID number duplication.

**TECHNICAL SPEC**

|  |  |
| --- | --- |
| Power consumption | 1.8W |
| System capacity | 15 sets of six-core unit in single channel, which can be expanded to 51,200 sets |
| Frequency response | 20Hz~ 20KHz |
| Signal to Noise Ratio (SNR) | >90dB |
| Dynamic range | 96dB |
| Channel separation | 102dB |
| Total harmonic distortion | < 0.05% |
| Microphone type | Imported gold film pickup head |
| Microphone sensitivity | （-42dBV/Pa） |
| Operating voltage | 24V DC±5％ |
| Operating current | 40mA ±5％ |
| Connection mode | Junction box |
| Number of units on | 1/2/3/4/5/6 |
| Equivalent noise | 20dBA (SPL) |
| Maximum sound pressure level | 125dB (THD∠3%) |
| Mic stem L | 200mm |
| Unit connection port | 6-core DIN |
| Net weight | 0.8kg |
| External dimensions | 127 × 97 × 57mm (excluding the MIC stem) |