

DELEGATE MICROPHONE UNIT ARCHITECT SPECIFICATIONS

The delegate microphone unit for the DCS 6000 Digital Conference System shall be fully digital DSP microprocessor-based. The unit shall provide operation for a custom front plate, external microphone and loudspeaker. The unit shall be housed in a shielded, metal mounting box, and installed inside the conference furniture below tables, or inside floor boxes.

When it is connected to the DCS 6000 Digital Conference System, the microphone unit shall be automatically recognized, and receive a unique system address.

The unit shall connect to the DCS 6000 System by using the proprietary DCS-LAN protocol in a daisy-chain topology, using shielded CAT 5e cables. The DCS-LAN protocol shall transport power, audio and control data across a chain of discussion units, including a codec algorithm to prevent unauthorized listening to the audio signal.

The unit shall provide microphone connection for DIS high-quality electret condenser semi gooseneck DIS GM 65xx, GM 44xx or a hand held type HM 4042/4047, all with LED indication. The loud speaker signal shall mute when the microphone is activated.

The microphone unit shall provide a HD 15 sub, with two RJ45 female sockets with auto termination, to connect to standard or customized front plates. The unit shall have a frequency response of 100 Hz - 15 kHz, and shall measure 115 mm in width, 26 mm in height and 122 mm in depth. The unit shall have a temperature range of 5 ° – 40 °C, and weigh 0.4 kg.

The delegate microphone unit shall be a DIS MU 6040D.