

AUDIO OUTPUT UNIT ARCHITECT SPECIFICATIONS

The audio output unit shall be a four-channel digital-to-analog audio converter for the DCS 6000 Digital Conference System. It shall provide the connection of an analog recorder or audio distribution system to the DCS 6000 system. The unit shall provide decoding for up to four language channels, with four analog transformer-isolated XLR outputs.

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 proprietary codec algorithm to prevent unauthorized listening to the audio signal.

The audio output unit shall provide automatic channel assignment at startup (Output A - channel 0 = floor signal, Output B - channel 1, Output C - channel 2, Output D - channel 3). The unit shall be configurable from the DIS SW 6000 software. From the software, all available audio sources (Floor, Floor 1, Floor 2, and up to 31 translated languages) shall be assignable to each output.

The system shall be expandable to allow up to 20 audio output devices for each DCS 6000 system.

The audio output unit shall have a frequency response of 20 Hz - 16 kHz. The unit shall measure 38 mm in height, 180 mm in width and 120 mm in depth. The unit shall be mountable in a 19 inch rack.

The audio output unit shall be a DIS AO 6004.