

AUDIO OUTPUT UNIT ARCHITECT SPECIFICATIONS

The audio output unit shall be an eight-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 eight language channels, with eight 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 be controlled with the buttons and an LC display on the front of the unit, or by sending commands and reading status from the central unit, via a PC running SW 6000 on Windows OS. The unit shall be configurable from the DIS SW 6000 software. All available audio sources (Floor, Floor 1, Floor 2, and up to 31 translated languages) shall be assignable to each output.

The unit shall provide analog audio monitoring by headphones via one 3.5 mm jack socket, and one 1/4" jack socket on the front panel.

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 88 mm in height, 442 mm in width and 307 mm in depth. The unit shall be mountable in a 19 inch rack.

The audio output unit shall be a DIS AO 6008.