SHURE®

LEGENDARY
PERFORMANCE™

AO 6004 Audio Output Unit

- Digital-to-analog audio converter for the DCS 6000 system
- Provides 4 analog transformer-balanced XLR outputs
- Selection of 31 interpretation channels or floor channel in three qualities
- Connects anywhere in the DCS-LAN chain

Description

The AO 6004 Audio Output Unit is a 4-channel digital-to-analog audio converter designed for the DCS 6000 Digital Conference System. It is used as the D/A converter for analog language distribution systems, such as infrared or wired transmission systems, tape- or hard disk recorders, etc. The AO 6004 can be installed in a standard 19" rack. Up to 20 units can be combined in one system to decode more channels.

Each AO 6004 unit provides decoding for up to 4 language channels with 4 transformer-isolated XLR outputs. AO 6004 connects anywhere to the DCS-LAN, the same as any other DCS 6000 unit.

The AO 6004 can be controlled using a PC running the SW 6000 Conference Management Software. The SW 6000 can be used for changing the assignments of output channels and for setting the volume for each channel.

Features

- D/A conversion with 4 analog outputs
- Independent routing of up to 4 decoded outputs selected from the 34 digital audio channels provided
- Easy to use with preconfigured settings
- Inputs/Outputs

  2 I/O RJ45 chain loop through connections to the DCS LAN.

  4 XLR connections for 4 analog transformer balanced and ground lifted audio outputs.
- Automatic channel assignment at start-up:

  Output A - channel 0

  Output B - channel 1

  Output C - channel 2

  Output D - channel 3
- Assignment of channels to outputs can be changed using the SW 6000 software

Specifications

Interconnections

DCS-LAN	Two RJ45 female sockets with auto-termination
Audio Output	Transformer-balanced XLR male (x4)

Electrical

Frequency response	20 Hz to 20 kHz
D/A Converter	24 bits
Load	>600 Ohm
Output Level	Nominal: 0dBm Max: +15 dBm
THD	<1.5%
Power Consumption	Powered by DCS-LAN

Mechanical

Dimensions (W x H x D)	with brackets: 205 x 38 x 120 mm without brackets: 180 x 38 x 120 mm
Color	Black
Weight	8.4 g
Temperature range	5° to 40° C

Certifications

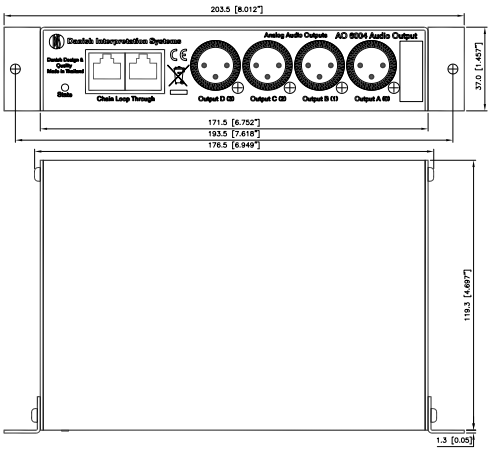
The DCS 6000 system conforms to standard IEC 60914.

How To Order

AO 6004

Analog Output unit for DCS-LAN; 4 outputs	**AO 6004**

Drawing



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