DCS 6000 Digital Conference System System Control Units

AO 6008

Audio Output Unit

The AO 6008 Audio Output Unit is an 8 channel digital to analogue audio converter designed for the DCS 6000 Digital Conference System. It is used as the D/A converter for analogue language distribution systems, such as infrared or wired transmission systems, tape- or harddisk recorders etc.

AO 6008 features:

- D/A convertion with 8 analogue outputs

- Independent routing of up to 8 decoded outputs selected from the 32 digital audio channels provided

- Step up/down volume control with presettings for each output

- Large backlit LCD display with corresponding buttons for settings and menu structure navigating

- Inputs/Outputs
  2 I/O RJ45 connector sockets for connection to the DCS LAN - the all digital communication bus.
  8 XLR sockets for 8 analogue transformer balanced and ground lifted audio outputs

- Single cable "Loop through"

- Analogue audio monitoring by headphones via one 3,5 mm jack socket and one 1/4" jack socket on the front

One AO 6008 unit provides decoding of up to 8 language channels with corresponding 8 analogue transformer isolated XLR outputs.

The AO 6008 is controlled by using the buttons and display on the front of the unit or by sending commands and reading status from the CU 6010 Central Unit via a PC.

The AO 6008 provides set up of the desired languages and volume settings, read error status, load/save settings and view information about the unit.

The AO 6008 is connected to the unique DIS digital communication bus - the DCS-LAN as any other DCS 6000 unit. By controlling it from the CU 6010 or a PC configured with the SW 6000, System Management Software, it can be connected anywhere in the system.

Two headphone jack connectors on the front of the unit is provided for audio monitoring of the analogue outputs.

Up to 20 AO 6008 can be combined in one system to decode more channels.

How to order

System Control Units:

AO 6008	5754

Connection Cable for DCS 6000 components:

EC 6000-0,5	EC 6000-10
EC 6000-01	EC 6000-20
EC 6000-05	EC 6000 -50
0,5 m - 50 m. cables	

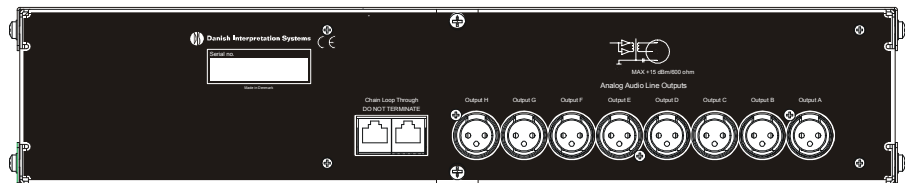# DCS 6000 Digital Conference System System Control Units
AO 6008

Specifications

Capacity:
AO 6008: 8 analogue outputs, each output ch. 0-31

Frequency Response:
20Hz - 16 kHz

D/A Converter: 24 bits

THD: < 0,05 %

S/N: >90 dBA

Number of inputs: 32 ch. digital

Outputs: 8 x XLR analogue transformer balanced and ground lifted
≥ 15 dBm out
Nominal 0 dBm out
Load > 600 ohm

1 x 3,5 mm jack socket for headphones
Load > 32 ohm. - 3,5 mm
1 x 1/4" jack socket for headphones

Connections: 2 x RJ45 input/output
DCS-LAN - Proprietary high speed all digital audio-channel, data and power bus

Cable: Shielded AWG 24 Cat. 5

Dimension w/o handles:
W x H x D: 442 x 88 x 317 mm

Power consumption:
Powered by the I/O bus.

Weight: 4,6 kg.

The A0 6008 and the DCS 6000 system conform to all relevant standards - e.g. IEC 914, ISO 4043, ISO 2603

Data subject to change without notice in interest of product improvements

Rear Panel

Configuration