

## AM 6040 Ambient Microphone Unit

- Provides natural ambient noise to the audio mix
- Flushmount design for discreet placement
- Operational with DIS microphones with LED indicator



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### Description

The AM 6040 Ambient Microphone Unit is a fully digital DSP microprocessor based microphone unit designed to detect ambient noise in a conference room.

An ambient noise microphone is used to provide sound from the meeting, when there is no speaker using the microphones. The microphone should be placed in a central location in the room, not too close to anyone. This allows the microphone to pick up sound from activities in the room like chairs being moved, paper being picked up and e.g. low voices.

Transmission of ambient noise is desirable for listeners attending the meeting via headphones. The ambient noise indicates to the listeners that there is no conversation going on. This information is essential for interpreters when a speaker stops talking.

The unit is designed to be installed above a recessed ceiling for connection to an external microphone, like a model HM 4042. The AM 6040 is automatically recognized and receives a unique address in the system, when connected to the DCS-LAN.

The AM 6040 is delivered in a shielded metal mounting box like the MU 6040.

### Features

- Provides natural noise from the room during pauses in a speech or brief breaks between agenda items.
- Connection to high-quality DIS electret condenser microphones: GM 652x gooseneck or HM 4042 handheld microphones.
- Supports LED indicators that display when the microphone is on.
- Automatic activates the microphone when no Chairman or Delegate units are active.
- Two RJ-45 ports provide power, audio, and control transport across a single chain of chairman, delegate, and interpretation units
- DCS-LAN connection uses CAT 5e (or higher) shielded F/UTP or U/FTP cabling
- Adjustable volume setting from the browser interface
- One ambient microphone supports an entire the DCS 6000 system

# Specifications

## Electrical

<b>Frequency Response</b>	65 Hz-16 kHz
<b>Power Requirements</b>	Supplied from DCS-LAN
<b>Power consumption</b>	1.5 W (typical)
<b>Power maximum</b>	3.0 W RMS
<b>THD</b>	< 0.01 %
<b>Signal-to-noise ratio</b>	> 90 dBA

## Interconnections

<b>DCS-LAN</b>	Two RJ45 female sockets with auto-termination
<b>Audio Input</b>	HD15-Sub female socket

## Mechanical

<b>Mounting</b>	Flushmount
<b>Dimensions (W x H x D)</b>	115 x 26 x 122 mm
<b>Weight</b>	0.4 kg
<b>Color</b>	Black
<b>Temperature range</b>	5° to 40° C

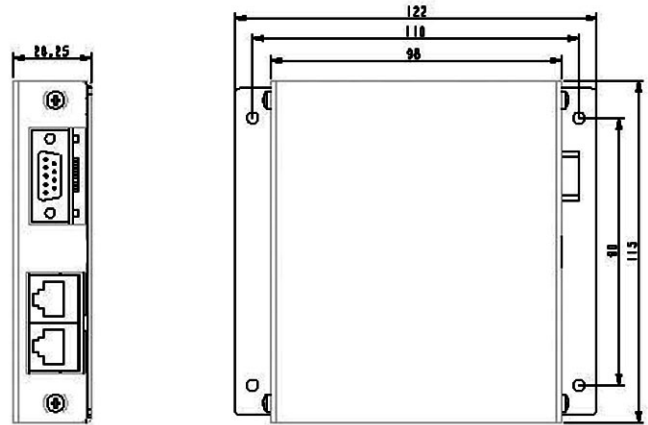
## Certifications

The DCS 6000 system conforms to standard IEC 60914.

# How To Order

Ambient Mic Unit **AM 6040**

## Drawing



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