



Sets just the
right tone
at conferences.

ADN digital conference solution

 **SENNHEISER**

ADN – The Audio Distribution Network – so intelligent, it's worth talking over.

Structure, substance and clarity are the fundamentals of successful communication; these are the outstanding characteristics of the ADN digital conference solution. Sennheiser's top-quality sound, design and manufacture mean that, with the ADN digital conference solution, you will create an ideal environment for a successful conference.



Sensational speech intelligibility

Everyone can understand everything and everybody.

Simple and reliable

Reduce implementation cost; minimize your setup time.

Future-proof

Reduce total cost; software updates are always free.

Reduce system cost

Minimize your total cost, and increase your project efficiency by using standard CAT5 cable.

Unobtrusive design

ADN merges with contemporary architectural environments.



Sennheiser: sound expertise for successful conferences.

You will be surprised how clear a conference system can sound.

Your benefits:

- High-quality microphones, dual speakers in each discussion unit.
- Unsurpassed speech intelligibility and sound quality.
- Acoustic feedback and background noise are effectively suppressed.
- XLR Mix Minus mode: prevents irritating echo effects in conferences taking place across multiple locations.

A statement
in itself –
the conference
terminal.



Chairman Unit C1 and Delegate Unit D1

- High-quality Sennheiser microphone.
- Stylish modern design with concealed cable connections.
- Headphone connection with volume control on all microphone units.
- Intuitive operation.

ADN Central Unit and Power Supply – unmatched ease of use and flexibility.

ADN CU1

- Intelligent audio processing to optimise intelligibility.
- Pre-installed control software.
- Open media control protocol over Ethernet.
- Conference recording via USB.



ADN PS

- Increases system size to up to 400 units.
- Each ADN PS supports 40 – 70 conference units.
- Allows redundant ring cabling for increased failure-safety.
- Status LEDs indicate cabling type.



DISCUSSION

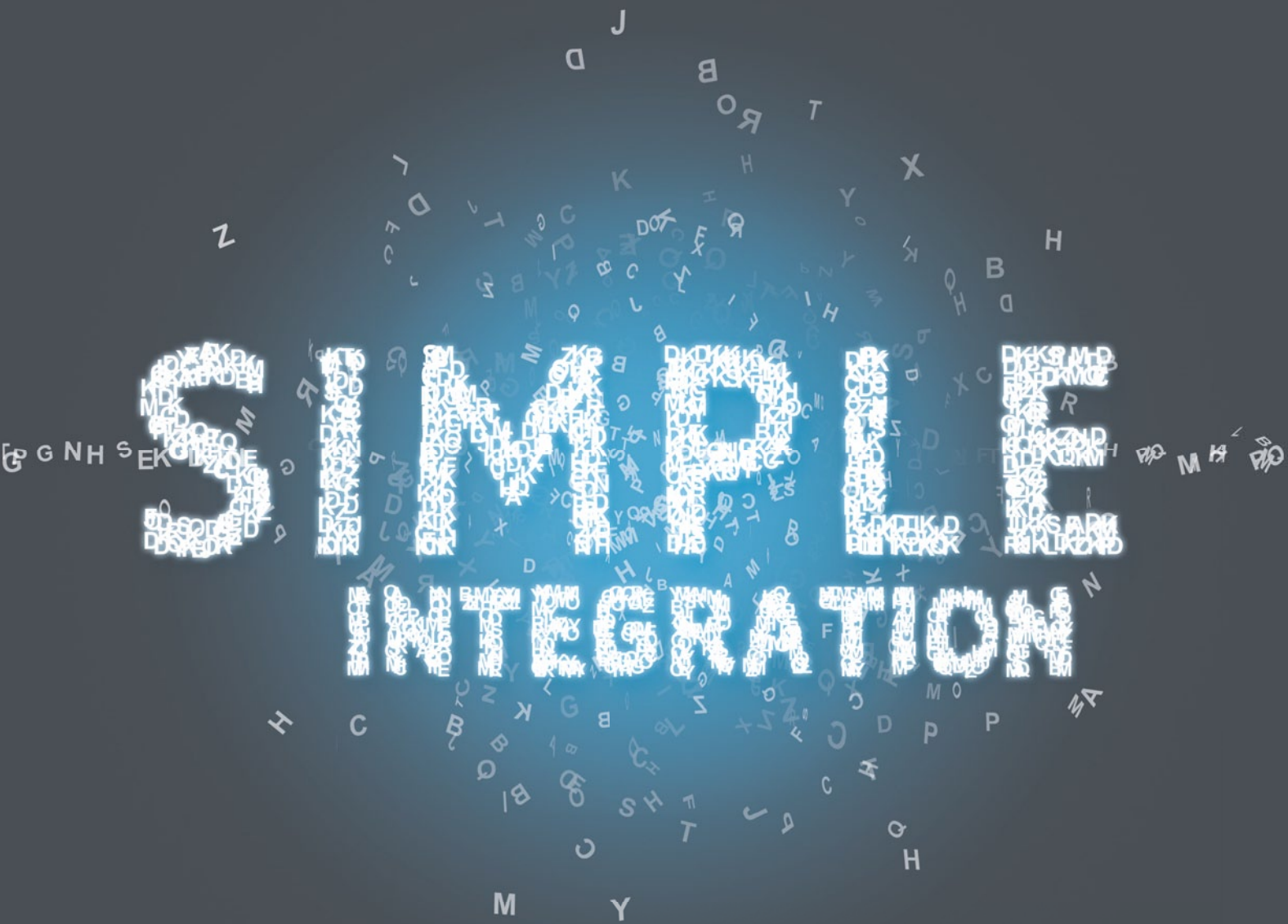


Sounds good – and looks good too.

The discussion units blend perfectly into the existing environment.

Your benefits:

- Timeless design.
- Elegant black and clear lines.
- Harmonises with contemporary architectural environments.
- For stylish spatial concepts.



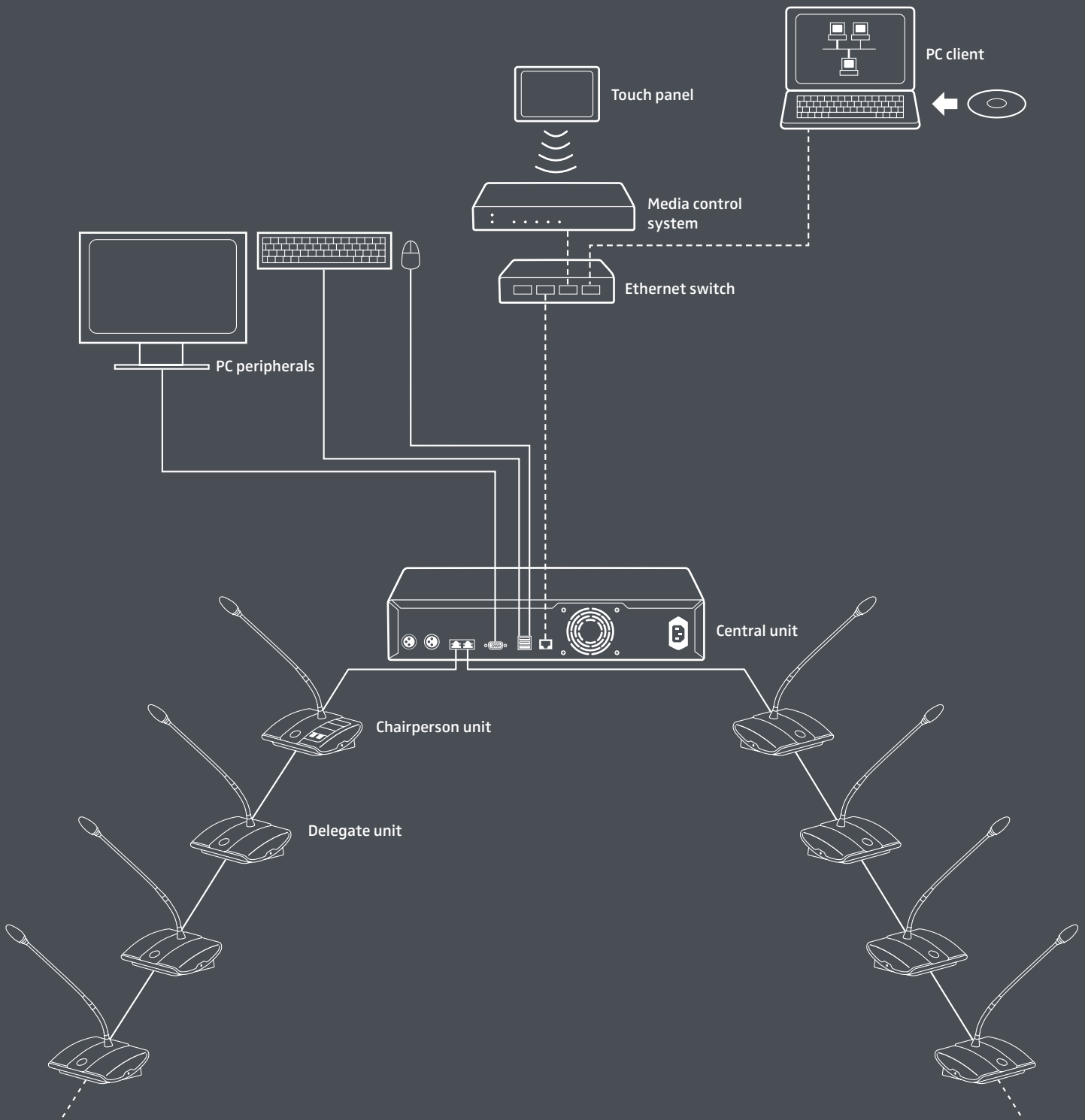
Quick to install – quick to benefit.

Successful communication is now easier than ever – with ADN, the digital conference solution.

Your benefits:

- Less implementation cost and minimized setup time – more efficient projects – less total cost.
- Pre-installed software: starts automatically and permits changes to suit your specific needs. Installation simply planned with the innovative Cable Calculator – a separate software which can be downloaded for free.
- Central unit: pre-configured key functions – can be controlled with your preferred media control system.
- Easily extendable to up to 400 discussion units where required – thanks to the ADN power supply unit.
- Software updates always free.

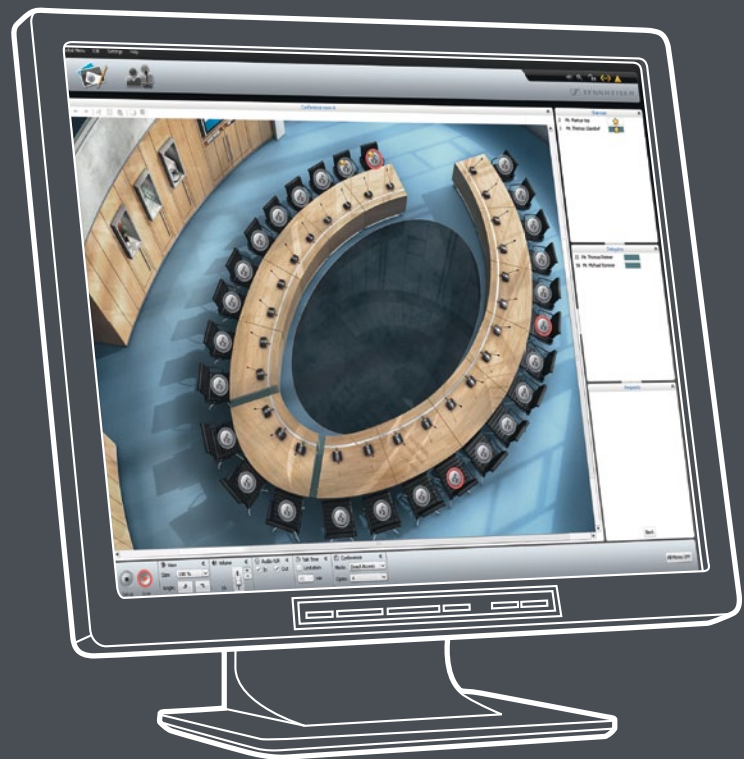
The Application matrix – unlimited possibilities.



The 'Conference Manager' software – if only communication was always so easy.

With the ADN digital conference solution, organising a successful conference is child's play. After connecting the monitor, keyboard and mouse, the system can be controlled almost intuitively – whether you use an external PC or the central unit itself, the conference manager software provides an extremely clear user interface that is very easy to use: producing a custom seating plan, adding a picture of the conference room as a background, adjusting the volume level, setting the conference mode, etc. – you can control everything simply and reliably.

- Intuitive workflow.
- Ethernet network compatible.
- Direct access to all parameters.
- Multi-language user interface.



Product overview.

ADN CU1

Dimensions	417 × 100 × 345 mm (W × H × D) 16.4" × 3.94" × 13.58"
Weight	approx. 6.5 kg / 14.3 lbs
Input voltage	100 to 240 V~ / 50 – 60 Hz
Power consumption	245 W
Output voltage on RJ-45 EtherCAT	52.8 V ---
Nominal output current	max. 1.75 A
Operating temperature range	+5 °C to +50 °C
Impedance level	max. +18 dBu / min. -18 dBu



ADN PS

Dimensions (without rack-mount brackets and rubber feet)	417 × 100 × 168 mm (W × H × D) 16.4" × 3.94" × 6.61"
Weight	approx. 4.6 kg / 10.14 lbs
Input voltage	100 to 240 V~ / 50 – 60 Hz
Power consumption	max. 385 W
Output voltage on PORT I/II Output 1/2	52.8 V ---
Output current on PORT I/II Output 1/2	max. 1.75 A per port / max. 5.25 A total
Operating temperature	+5 °C to +50 °C
Storage temperature	-25 °C to +70 °C



ADN D1 and ADN C1

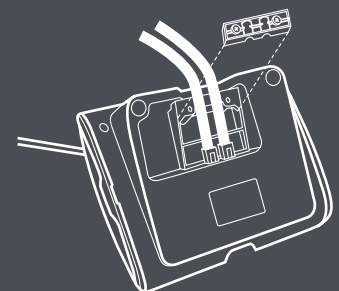
Dimensions (excluding microphone)	185 × 63 × 140 mm (W × H × D) 7.28" × 2.48" × 5.51"
Weight	approx. 700 g / 1.5 lbs
Supply voltage	35 V to 52.8 V ---
Power consumption	max. 3.5 W
Operating temperature range	+10 °C to +40 °C
Headphone connection	3.5 mm stereo-jack socket (> 32 Ω < 1 kΩ)
Distortion (at 1 kHz)	0.03 % at 50 mW / 16 Ω
Loudspeaker frequency response	150 to 14,500 Hz
Signal-to-noise ratio	> 70 dB (A)
Directional characteristic of microphone	Super-cardioid
Microphone frequency response	50 to 20,000 Hz

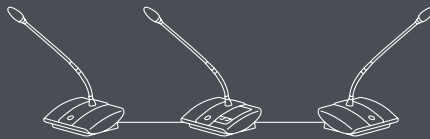


Accessories.

System cables The shielded data cables with RJ-45 connectors supply power to the conference units as well as transmitting audio and status information. They are available in a variety of standard lengths, and custom-length cables can be supplied on request.

Cable clamps For permanent installations, you can fix the solution cables firmly to the conference unit so that the connectors remain safely in their correct sockets without fear of damage due to the unit being moved about. The strain relief is hidden from view.





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