ADN
ADN PS

FEATURES

- Increases system size up to 400 units
- Each ADN PS supports 40 – 70 conference units
- Allows redundant ring or daisy-chain cabling
- Remote power switching from ADN CU1
- Status LEDs indicate cabling type
- Up to 15 ADN PS cascadable

DELIVERY INCLUDES

- ADN Power Supply
- Mains cable
- Quick Guide
- Safety Guide

The cascadable ADN PS Power Supply allows the extension of up to 400 conference units to the ADN CU1 central unit. It also increases the failuresafety of the system by allowing redundant ring-cabling on its four conference ports. Up to 40 units can be connected in two rings and up to 70 units in alternative branch cabling. Status LEDs at the front of the 19" rack-mount unit indicate the type of cabling to easily monitor the system.

SPECIFICATIONS

Input voltage	100 – 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	
Dimensions (W x H x D) without rackmount brackets and rubber feet	417 x 100 x 168 mm (16.42" x 3.94" x 6.61")	
Weight	approx. 4,600 g (10.1 lbs)	
Temperature range	Operation	+5 to +50°C (+41 to +122 °F)
	Storage	-25 to +70 °C (-13 to +158 °F)

PRODUCT VARIANTS

ADN PS EU	Art. no. 505546
ADN PS UK	Art. no. 505547
ADN PS US	Art. no. 505548

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ARCHITECT‘S SPECIFICATION

A power supply designed to allow the expansion of ADN Conferencing System is provided. The power supply shall connect to the system central control unit and remote conferencing units using standard Category 5 cabling, and shall allow the extension of up to 400 conferencing units to the conferencing system. Connection architecture shall allow redundant ring or daisy-chain configurations when connected to the central control unit; use of redundant ring cabling architecture shall provide a fail-safe configuration option using the four conference ports on the power supply. One power supply shall support up to 40 conferencing units using two ring cabling connection architecture, and shall support up to 70 conferencing units using branch cabling architecture. Status LEDs on the front of the power supply shall indicate the type of cabling architecture.

The power supplies shall be cascadable up to 15 units. Remote power switching shall be allowable from the central control unit. Mains supply voltage shall be 100 – 240 V~ at 50/60 Hz. Power consumption shall be maximum 385 W. Operating temperature shall be +5 °C to +50 °C (+41 °F to +122 °F); storage temperature shall be -25 °C to +70 °C (-13 °F to +158 °F). Output voltage on Port I and II (Output 1 and 2) shall be 52.8 V⎓; maximum current supplied shall be 1.75 A per port, up to a maximum of 5.25 A total per power supply.

The power supply shall be housed in a stand-alone desktop housing; rack mounting shall be accomplished using optional rack mounting brackets. The housing shall measure 417 x 100 x 168 mm (16.4" x 3.94" x 6.61"). Weight shall be approximately 4,600 g (10.1 lbs).

The power supply shall be manufactured by Sennheiser and shall be type ADN PS.

ACCESSORIES

ADN CU1 central unit	EU	Art. no. 505553
	UK	Art. no. 505554
	US	Art. no. 505555
ADN D1 delegate unit		Art. no. 502758
ADN C1 chairperson unit		Art. no. 502759
CAT 5 cables		
SDC CBL RJ45-2	2 m	Art. no. 009842
SDC CBL RJ45-3	3 m	Art. no. 009843
SDC CBL RJ45-5	5 m	Art. no. 009844
SDC CBL RJ45-10	10 m	Art. no. 009845
SDC CBL RJ45-20	20 m	Art. no. 009846
SDC CBL RJ45-50	50 m	Art. no. 009847

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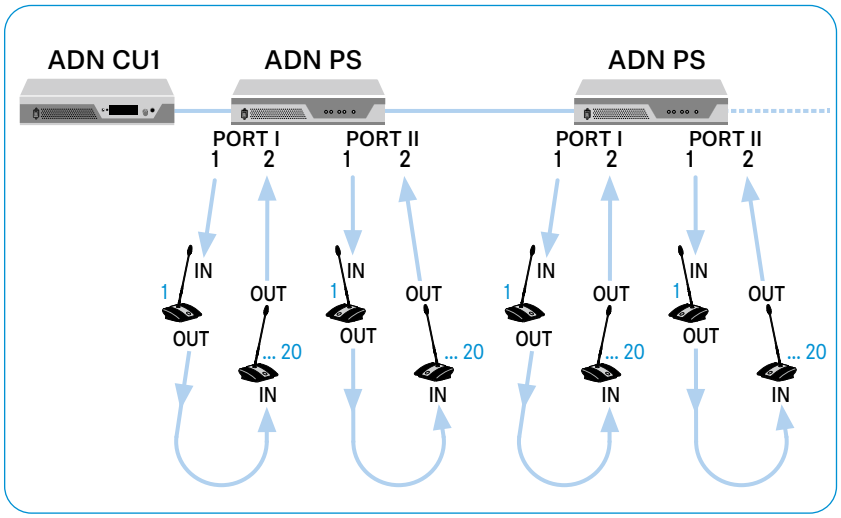
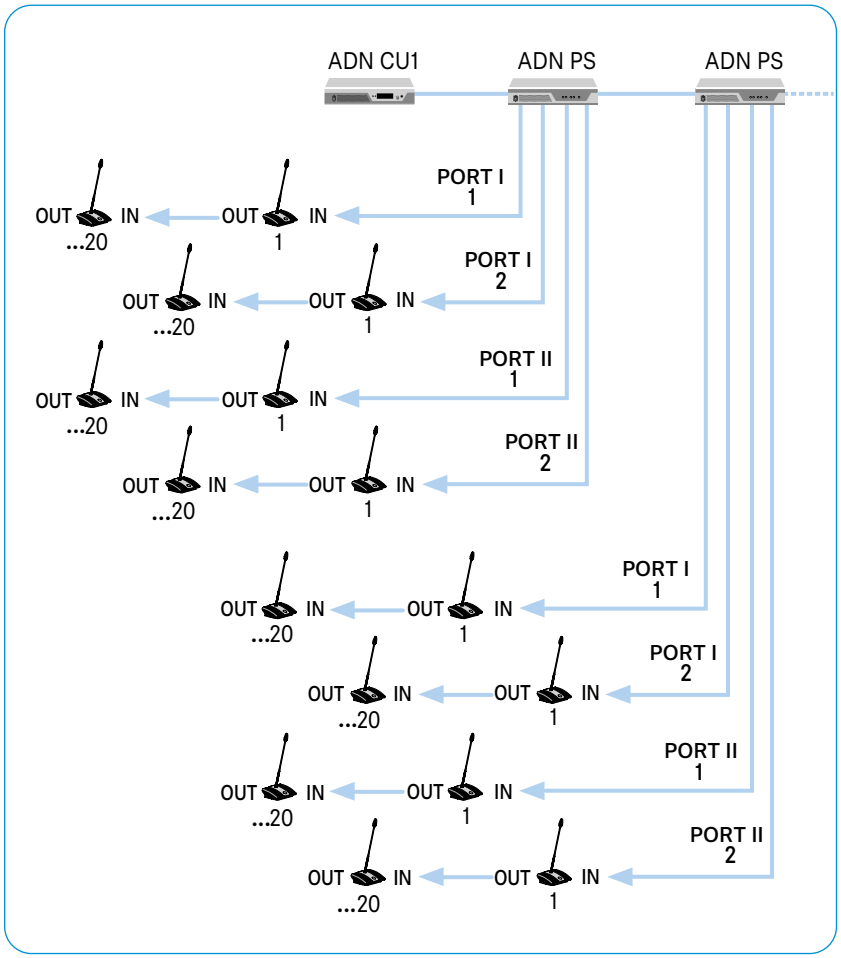
CONNECTIVITY

Sample System Configurations

Two redundancy ports



Four daisy-chain ports



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DIMENSIONS