

# APS4

## 4/1 ANTENNA POWER SPLITTER



## SPLIT IT UP

The APS4 is a wide-band UHF active **Antenna and Power Splitter** that can feed up to 4 receivers with the RF signal coming from one pair of antennas and also supplies power to all connected receivers via BNC cables. The splitter operates in an extended frequency range of 470 to 952 MHz. Adjustable RF-level attenuation settings guarantee maximum operating distance even when using different cable lengths and different types of cables. The APS4 comes in a rugged half-rack metal housing and works with all active and passive AKG antennas available on the market (RA4000 B/W, RA4000 W, SRA2 B/W and SRA2 W). The product is shipped with a rack mount kit (RMU4000), two front mount antenna cables and ten BNC cables (MKPS) for an immediate system setup. The APS4 sets are available in four different power supply variants: EU, US, U.K. or none included.

Two rear panel antenna inputs provide a 12 VDC supply voltage for powering up to three active elements per antenna path. E.g. one active antenna (RA4000 B/W or SRA2 B/W) and two AB4000 antenna boosters connected to one RF input. Also located on the rear panel are two sets of four BNC antenna output connectors for feeding up to four diversity receivers and two additional antenna outputs for cascading up to three further APS4 devices.

## PRODUCT FEATURES

- » **Operates in an extended frequency range**  
from 470 to 952 MHz for maximum flexibility
- » **Cable length adjustment switch**  
for optimizing antenna signal levels
- » **Link output**  
to cascade up to three APS4 for larger systems
- » **Remote power for antennas and receivers**  
to eliminate any extra installation effort
- » **All in one box**  
Rack mount kit and cables included

## BOX CONTENT

- 1 x APS4 antenna power supply
- 10 x MKPS antenna cables
- 1 x RMU4000 rack mount kit
- 2 x Antenna front mount cables
- 1 x Power supply with IEC power cord\*

\*Please note that there is no power supply shipped with SKU# 3296Z00010



**AKG ACOUSTICS GMBH** SALZGASSE 2, 5400 HALLEIN, AUSTRIA  
**AKG ACOUSTICS, U.S.** 8500 BALBOA BOULEVARD, NORTHRIDGE, CA 91329, U.S.A.

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## PRODUCT SPECIFICATION

<b>Carrier range:</b>	470 to 952 MHz
<b>Attenuation:</b>	0, 2, 4, 6, 8, 10, 12, 14 dB switchable
<b>RF inputs:</b>	2 x BNC sockets, 50 Ohm
<b>RF outputs:</b>	10 x BNC sockets, 50 Ohm
<b>Power requirement:</b>	12 VDC / 3500 mA
<b>Rack size:</b>	½ Racksize (19")
<b>Dimensions:</b>	200 x 190 x 44 mm (7.8 x 7.5 x 1.7 in)
<b>Weight:</b>	approx.. 970 g (2.2 lbs.)
<b>Item numbers:</b>	3296Z00010 - APS4 without power supply 3296Z00020 - APS4 / EU power supply 3296Z00030 - APS4 / US power supply 3296Z00040 - APS4 / UK power supply

## OPTIONAL ACCESSORIES

### SRA2 B/W (Item no.: 3009Z00160)

Active directional antenna with integrated high performance booster required for use with long cable runs.



### SRA2 W (Item no.: 3009Z00150)

Passive directional antenna for use with short cable runs (<10 meters).

### RA4000 B/W (Item no.: 2632Z00320)

Active omnidirectional antenna with integrated high performance booster required for use with long cable runs.



### RA4000 W (Item no.: 2632Z00310)

Passive omni-directional antenna for use with short cable runs (<10 meters).

### AB4000 (Item no.: 3009Z00020)

High performance antenna booster for long antenna cable distances. One AB4000 can compensate approx. 17 dB of cable attenuation. Up to three boosters can be used in series for extremely long cable runs.



### ZAPD-21 (Item no.: SERVSON760)

Two to one antenna combiner for indoor and outdoor use. Can be used either to split signals or combine them if needed.



### PSU-12V3500mA (Item no.: 7801H00150)

12 V / 3500mA power supply for the APS4 antenna power splitter. Please note that the power supply is shipped without a power chord.



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