

AB 3 antenna booster

The AB 3 is a high-quality frequency-selective antenna booster which may be used to increase the RF signal strength when operating Sennheiser evolution wireless series receivers with remote antennas via an antenna splitter. The AB 3 receives DC power via the antenna cable from the mains unit which powers the connected antenna splitter (e.g. ASA 1 or ASP 2).

Due to the selectivity of the antenna booster, all RF signals within the specified frequency range are amplified while RF signals with frequencies outside of the specified range are attenuated.

DC power supply of the AB 3 is indicated by a red LED.

When working with the ASA 1 active antenna splitter, the AB 3 is only needed when it is necessary to compensate for signal losses due to long antenna cables (e.g. RG58, > 10 m). When working with passive antenna splitters (e.g. ASP 2), one AB 3 has to be connected per antenna cable line in order to compensate for signal loss incurred by the passive splitters.

Please also observe the instructions for use of the ASA 1 or ASP 2 antenna splitter. Only use the AB 3 in combination with original Sennheiser devices.

Up to two AB 3 can be connected per antenna cable line (DC-coupled).



When connecting the AB 3, it is imperative to observe the correct direction of signal flow (see type plate)!

Specifications

Power supply	10–18 V DC/50 mA (DC-coupled) powered via antenna cable (max. 200 mA); center contact +
Frequency range	AB 3-GB: 606–648 MHz
Gain	> 10 dB
Impedance	50 ohms
Connections	BNC sockets
Dimensions	approx. 95 x 47 x 21 mm
Weight	approx. 130 g

Delivery includes

- 1 AB 3 antenna booster
- 1 BNC cable
- 1 Instructions for use

CE Declaration of Conformity



This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/05/EC. The declaration is available on the internet site at www.sennheiser.com. Before putting the equipment into operation, please observe the respective country-specific regulations!

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.