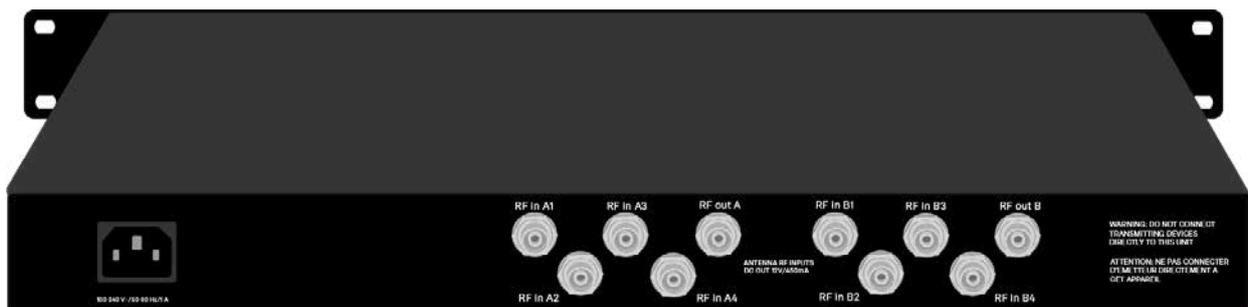




ACA 3

Active Antenna Combiner



FEATURES

- 2 x 4:1 combiner at unity gain
- Switchable DC: supplied on each antenna input for head amps or active antennas, e.g. AB 3, AB 3700, A12 AD, AB 9000
- Switchable RF: RF from each of the eight antenna inputs is switchable to isolate unused antennas
- Visual indication: LEDs indicate input state; RF on, DC on and DC current overload (e.g. faulty “short circuit” antenna cable)

DELIVERY INCLUDES

- 1 ACA 3 Active Antenna Combiner
- 3 Mains cables (EU/UK and US plug)
- 1 Quick Guide
- 1 Safety Guide

ORDER INFORMATION

ACA 3 Active Antenna Combiner art. no. 390038

Sennheiser supports the use of distributed antenna systems with a range of high-specification custom antenna combiners to allow wireless microphone coverage over multiple rooms and large or complex sites.

With the increasing demand for these systems in various situations including large churches, broadcast installations, outdoor sporting events and reality TV shows, Sennheiser’s engineers have used this expertise to develop the ACA 3, a compact, cost effective and easy to deploy 2 x 4:1 antenna combiner compatible with all Sennheiser wireless systems including Digital 6000 and 9000 Series.



ACA 3

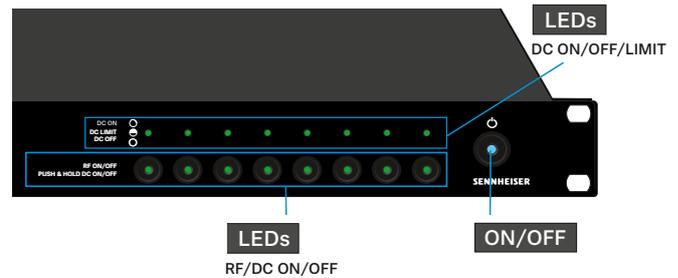
Active Antenna Combiner

SPECIFICATIONS

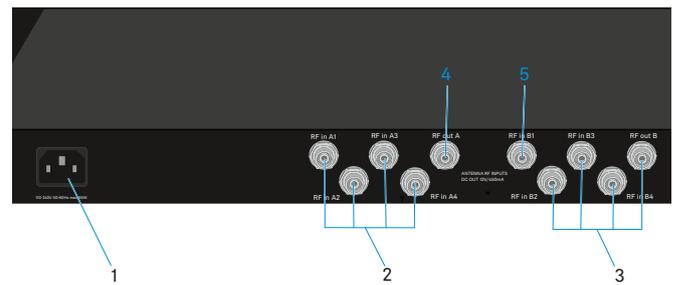
Frequency range	470 - 798 MHz
Gain	0 dB (± 3 dB) @ 470-790 MHz
Output voltage	12 V, 250 mA max (overload protected)
Connector	BNC female, 50 Ω
Power supply	100-240 V~ / 50-60 Hz / 1A
RF input	+10 dBm max 10 mW / channel
RF output	IP3: >37 dBm (typ.); 1 dB cp: > 20 dBm
Specials	Channel isolation (when switched OFF): 69 dB (typ.)
Operation relative humidity	5 to 95 %
Operation temperature range	-10 °C to +40 °C
Storage temperature range	-20 °C to +70 °C
Dimensions (incl. rack mount ears)	483 x 205 x 43 mm
Format	19 inch, 1U
Weight (incl. plug, cable)	approx. 2750 g

OPERATING ELEMENTS

Front



Back



1. Mains socket
2. 4 BNC sockets A1 to A4 **RF IN DC OUT**
3. 4 BNC sockets B1 to B4 **RF IN DC OUT**
4. BNC socket **RF OUT A**
5. BNC socket **RF OUT B**